

QUARTERLY STATEMENT

OF THE

MINNESOTA LIFE INSURANCE COMPANY

TO THE

Insurance Department

OF THE

STATE OF

**FOR THE QUARTER ENDED
SEPTEMBER 30, 2022**

LIFE, ACCIDENT AND HEALTH

FRATERNAL BENEFIT SOCIETIES

2022



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

QUARTERLY STATEMENT

AS OF SEPTEMBER 30, 2022
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, 651-665-5678

OFFICERS

Chairman, President & CEO Christopher Michael Hilger, 2nd Vice President & Treasurer Ted James Nistler

OTHER

List of other officers including Rick Lynn Ayers, George Ignatius Connolly, John Anthony Yaggy, etc.

DIRECTORS OR TRUSTEES

List of directors or trustees including Renee Denise Montz, Warren John Zaccaro, Sara Hietpas Gavin, etc.

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.

Signature of Christopher Michael Hilger

Christopher Michael Hilger Chairman, President & CEO

Signature of Renee Denise Montz

Renee Denise Montz Sr VP, Gen Counsel & Secretary

Signature of Ted James Nistler

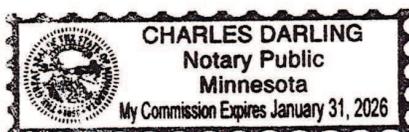
Ted James Nistler 2nd Vice President & Treasurer

Subscribed and sworn to before me this 01 day of November 2022

Signature of Charles Darling

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, 2022 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	21,515,858,605		21,515,858,605	22,604,905,627
2. Stocks:				
2.1 Preferred stocks	109,477,835		109,477,835	103,890,076
2.2 Common stocks	876,178,992	10,153	876,168,839	1,018,667,580
3. Mortgage loans on real estate:				
3.1 First liens	5,107,454,035		5,107,454,035	4,797,976,497
3.2 Other than first liens.....				
4. Real estate:				
4.1 Properties occupied by the company (less \$ encumbrances)	49,624,761		49,624,761	51,907,350
4.2 Properties held for the production of income (less \$ encumbrances)				
4.3 Properties held for sale (less \$ encumbrances)				
5. Cash (\$(8,107,142)), cash equivalents (\$137,468,977) and short-term investments (\$11,884,880)	141,246,714		141,246,714	335,429,971
6. Contract loans (including \$ premium notes)	535,159,513	3,856,249	531,303,264	684,898,851
7. Derivatives	172,138,630		172,138,630	1,051,917,663
8. Other invested assets	1,591,636,603	5,930,599	1,585,706,004	1,422,942,118
9. Receivables for securities	51,215,259	565,374	50,649,884	2,903,887
10. Securities lending reinvested collateral assets				
11. Aggregate write-ins for invested assets				
12. Subtotals, cash and invested assets (Lines 1 to 11)	30,149,990,947	10,362,375	30,139,628,572	32,075,439,620
13. Title plants less \$ charged off (for Title insurers only)				
14. Investment income due and accrued	209,016,532	1,615,642	207,400,890	211,612,306
15. Premiums and considerations:				
15.1 Uncollected premiums and agents' balances in the course of collection	75,340,602	196,777	75,143,826	87,007,039
15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due (including \$ earned but unbilled premiums)	72,040,895		72,040,895	99,853,888
15.3 Accrued retrospective premiums (\$) and contracts subject to redetermination (\$)				
16. Reinsurance:				
16.1 Amounts recoverable from reinsurers	383,863,941		383,863,941	335,909,343
16.2 Funds held by or deposited with reinsured companies				
16.3 Other amounts receivable under reinsurance contracts	19,050,921		19,050,921	68,086,868
17. Amounts receivable relating to uninsured plans				
18.1 Current federal and foreign income tax recoverable and interest thereon	45,775,365		45,775,365	44,480,725
18.2 Net deferred tax asset	37,983,650		37,983,650	66,330,085
19. Guaranty funds receivable or on deposit	2,329,537		2,329,537	2,740,471
20. Electronic data processing equipment and software	82,962,369	73,481,394	9,480,976	11,188,433
21. Furniture and equipment, including health care delivery assets (\$)	45,616,727	45,616,727		
22. Net adjustment in assets and liabilities due to foreign exchange rates				
23. Receivables from parent, subsidiaries and affiliates				8,376,041
24. Health care (\$) and other amounts receivable	27,881,988	27,881,988		
25. Aggregate write-ins for other than invested assets	52,936,939	32,433,182	20,503,757	29,211,073
26. Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	31,204,790,415	191,588,086	31,013,202,329	33,040,235,892
27. From Separate Accounts, Segregated Accounts and Protected Cell Accounts	26,249,988,243		26,249,988,243	33,956,122,023
28. Total (Lines 26 and 27)	57,454,778,658	191,588,086	57,263,190,572	66,996,357,915
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	32,433,182	32,433,182		
2502. Net Goodwill	13,995,977		13,995,977	18,661,877
2503. Miscellaneous Receivables	6,507,780		6,507,780	10,549,196
2598. Summary of remaining write-ins for Line 25 from overflow page				
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	52,936,939	32,433,182	20,503,757	29,211,073

STATEMENT AS OF SEPTEMBER 30, 2022 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 \$ 24,512,735,050 less \$ included in Line 6.3 (including \$ 5,781,297 Modco Reserve).....	24,512,735,050	25,557,448,692
2. Aggregate reserve for accident and health contracts (including \$ 35,601,121 Modco Reserve).....	192,720,937	181,466,181
3. Liability for deposit-type contracts (including \$ Modco Reserve).....	1,703,632,353	1,612,987,764
4. Contract claims:		
4.1 Life	360,377,135	396,100,870
4.2 Accident and health	108,928,508	100,498,149
5. Policyholders' dividends/refunds to members \$ and coupons \$ due and unpaid	3,827	68,713
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)	1,354,902	14,637,481
6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$ Modco)	1,345,439	16,462,520
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 \$ 42,638 discount; including \$ 4,916 accident and health premiums	1,549,454	1,685,243
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	(7,084,283)	(19,706,473)
9.3 Other amounts payable on reinsurance, including \$ assumed and \$ 112,196,374 ceded	112,196,374	99,793,733
9.4 Interest Maintenance Reserve	23,553,066	42,372,972
10. Commissions to agents due or accrued-life and annuity contracts \$ 8,438,107 , accident and health \$ 722,284 and deposit-type contract funds \$	9,160,392	15,505,391
11. Commissions and expense allowances payable on reinsurance assumed	9,289,570	10,750,334
12. General expenses due or accrued	121,531,812	135,994,224
13. Transfers to Separate Accounts due or accrued (net) (including \$ accrued for expense allowances recognized in reserves, net of reinsured allowances)	(244,781,342)	(271,232,144)
14. Taxes, licenses and fees due or accrued, excluding federal income taxes	7,329,903	10,768,324
15.1 Current federal and foreign income taxes, including \$ on realized capital gains (losses)		
15.2 Net deferred tax liability		
16. Unearned investment income	256,274	271,399
17. Amounts withheld or retained by reporting entity as agent or trustee	7,226,709	7,787,654
18. Amounts held for agents' account, including \$ agents' credit balances		
19. Remittances and items not allocated	113,259,231	92,630,665
20. Net adjustment in assets and liabilities due to foreign exchange rates	22,885	60,287
21. Liability for benefits for employees and agents if not included above	75,346,157	90,846,710
22. Borrowed money \$ 120,000,000 and interest thereon \$ 0	120,000,000	120,000,000
23. Dividends to stockholders declared and unpaid		
24. Miscellaneous liabilities:		
24.01 Asset valuation reserve	336,002,468	451,593,192
24.02 Reinsurance in unauthorized and certified (\$) companies	4,794,190	3,053,624
24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers	242,773,139	295,999,256
24.04 Payable to parent, subsidiaries and affiliates	1,626,658	
24.05 Drafts outstanding		
24.06 Liability for amounts held under uninsured plans		
24.07 Funds held under coinsurance		
24.08 Derivatives	154,450,093	547,297,612
24.09 Payable for securities	65,544,479	140,519,499
24.10 Payable for securities lending		
24.11 Capital notes \$ and interest thereon \$		
25. Aggregate write-ins for liabilities	36,132,724	7,588,894
26. Total liabilities excluding Separate Accounts business (Lines 1 to 25)	28,071,278,103	29,663,250,768
27. From Separate Accounts Statement	26,229,005,401	33,930,177,070
28. Total liabilities (Lines 26 and 27)	54,300,283,504	63,593,427,838
29. Common capital stock	5,000,000	5,000,000
30. Preferred capital stock		
31. Aggregate write-ins for other than special surplus funds		
32. Surplus notes	118,000,000	118,000,000
33. Gross paid in and contributed surplus	316,540,267	316,540,267
34. Aggregate write-ins for special surplus funds	(123,683,099)	(132,948,858)
35. Unassigned funds (surplus)	2,647,049,900	3,096,338,668
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 \$ 20,982,842 in Separate Accounts Statement)	2,957,907,068	3,397,930,077
38. Totals of Lines 29, 30 and 37	2,962,907,068	3,402,930,077
39. Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	57,263,190,572	66,996,357,915
DETAILS OF WRITE-INS		
2501. Accrued interest on policy and contract funds/claims	7,658,032	7,577,177
2502. Miscellaneous Investment liability	11,717	11,717
2503. Cost of Reins Liability	28,462,975	
2598. Summary of remaining write-ins for Line 25 from overflow page		
2599. Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	36,132,724	7,588,894
3101.		
3102.		
3103.		
3198. Summary of remaining write-ins for Line 31 from overflow page		
3199. Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401. Deferred gain on reinsurance	187,316,901	24,051,142
3402. Deferred tax valuation adjustment	(311,000,000)	(157,000,000)
3403.		
3498. Summary of remaining write-ins for Line 34 from overflow page		
3499. Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	(123,683,099)	(132,948,858)

STATEMENT AS OF SEPTEMBER 30, 2022 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	3,568,839,329	5,627,036,364	7,746,568,088
2. Considerations for supplementary contracts with life contingencies			
3. Net investment income	703,622,017	764,446,631	1,101,387,368
4. Amortization of Interest Maintenance Reserve (IMR)	(1,816,010)	(997,923)	(1,424,745)
5. Separate Accounts net gain from operations excluding unrealized gains or losses			
6. Commissions and expense allowances on reinsurance ceded	299,567,237	28,394,321	40,480,560
7. Reserve adjustments on reinsurance ceded	2,664,135,140	6,736,716	9,129,161
8. Miscellaneous Income:			
8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts	196,737,335	228,085,305	303,673,324
8.2 Charges and fees for deposit-type contracts	5,127,562	5,071,814	5,925,719
8.3 Aggregate write-ins for miscellaneous income	76,548,141	59,467,484	74,438,980
9. Totals (Lines 1 to 8.3)	7,512,760,751	6,718,240,711	9,280,178,455
10. Death benefits	767,063,962	939,751,921	1,263,454,430
11. Matured endowments (excluding guaranteed annual pure endowments)	374,495	604,163	(571,504)
12. Annuity benefits	299,731,875	283,140,179	378,074,055
13. Disability benefits and benefits under accident and health contracts	97,916,853	111,980,066	140,941,809
14. Coupons, guaranteed annual pure endowments and similar benefits			
15. Surrender benefits and withdrawals for life contracts	3,055,723,310	3,090,545,973	4,090,817,925
16. Group conversions			
17. Interest and adjustments on contract or deposit-type contract funds	21,333,108	46,141,209	64,130,988
18. Payments on supplementary contracts with life contingencies	1,201,883	2,315,647	2,659,536
19. Increase in aggregate reserves for life and accident and health contracts	(1,033,459,553)	1,774,966,677	2,725,664,134
20. Totals (Lines 10 to 19)	3,209,885,934	6,249,445,835	8,665,171,373
21. Commissions on premiums, annuity considerations, and deposit-type contract funds (direct business only)	389,784,952	339,699,578	479,617,389
22. Commissions and expense allowances on reinsurance assumed	54,535,111	51,938,507	69,149,659
23. General insurance expenses and fraternal expenses	539,264,732	479,436,405	664,331,320
24. Insurance taxes, licenses and fees, excluding federal income taxes	74,973,944	76,985,043	100,763,537
25. Increase in loading on deferred and uncollected premiums	5,005,085	4,746,849	2,154,784
26. Net transfers to or (from) Separate Accounts net of reinsurance	285,396,487	(143,804,113)	(115,791,049)
27. Aggregate write-ins for deductions	2,872,428,417	251,513	1,107,605
28. Totals (Lines 20 to 27)	7,431,274,661	7,058,699,616	9,866,504,619
29. Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus Line 28)	81,486,090	(340,458,905)	(586,326,165)
30. Dividends to policyholders and refunds to members	(19,040,090)	23,070,234	32,106,128
31. Net gain from operations after dividends to policyholders, refunds to members and before federal income taxes (Line 29 minus Line 30)	100,526,180	(363,529,138)	(618,432,293)
32. Federal and foreign income taxes incurred (excluding tax on capital gains)	56,437,297	(62,564,948)	(140,253,304)
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)	44,088,883	(300,964,190)	(478,178,989)
34. Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$ (91,502,631) (excluding taxes of \$ 48,334 transferred to the IMR)	(149,580,348)	230,847,715	453,114,013
35. Net income (Line 33 plus Line 34)	(105,491,465)	(70,116,475)	(25,064,975)
CAPITAL AND SURPLUS ACCOUNT			
36. Capital and surplus, December 31, prior year	3,402,930,077	3,363,606,026	3,363,606,026
37. Net income (Line 35)	(105,491,465)	(70,116,475)	(25,064,975)
38. Change in net unrealized capital gains (losses) less capital gains tax of \$ (139,186,736)	(423,656,737)	79,557,252	53,053,936
39. Change in net unrealized foreign exchange capital gain (loss)	(4,046,618)	(1,506,732)	(1,796,966)
40. Change in net deferred income tax	(18,045,388)	19,973,824	(8,945,839)
41. Change in nonadmitted assets	(3,056,966)	(54,867,072)	(21,746,107)
42. Change in liability for reinsurance in unauthorized and certified companies	(1,740,566)	4,755,438	5,666,501
43. Change in reserve on account of change in valuation basis, (increase) or decrease			33,305,825
44. Change in asset valuation reserve	115,590,726	(64,949,089)	(72,884,142)
45. Change in treasury stock			
46. Surplus (contributed to) withdrawn from Separate Accounts during period	1,118,431	3,964,566	3,971,303
47. Other changes in surplus in Separate Accounts Statement	(4,962,111)	(3,948,009)	(3,745,471)
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			100,000,000
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	(4,998,074)	(4,999,926)	(8,401,768)
53. Aggregate write-ins for gains and losses in surplus	9,265,759	11,986,259	(14,088,246)
54. Net change in capital and surplus for the year (Lines 37 through 53)	(440,023,008)	(79,749,964)	39,324,051
55. Capital and surplus, as of statement date (Lines 36 + 54)	2,962,907,068	3,283,856,062	3,402,930,077
DETAILS OF WRITE-INS			
08.301. Miscellaneous administrative and other fees	76,548,141	59,428,082	74,399,578
08.302. Reserve transfers		39,402	39,402
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)	76,548,141	59,467,484	74,438,980
2701. Funds Withheld Interest	440,297	251,513	364,064
2702. Deferred gain on reinsurance	231,314,081		743,541
2703. IMR Release	(20,817,743)		
2798. Summary of remaining write-ins for Line 27 from overflow page	2,661,491,782		
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	2,872,428,417	251,513	1,107,605
5301. Change in liability for Pension Benefits			1,181,954
5302. Change in deferred gain on reinsurance	163,265,759		743,541
5303. Change in deferred tax valuation adjustment	(154,000,000)	27,000,000	(1,000,000)
5398. Summary of remaining write-ins for Line 53 from overflow page		(15,013,741)	(15,013,741)
5399. Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)	9,265,759	11,986,259	(14,088,246)

STATEMENT AS OF SEPTEMBER 30, 2022 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	5,879,166,091	5,763,147,237	7,900,990,670
2. Net investment income	718,960,726	772,237,116	1,120,933,434
3. Miscellaneous income	220,773,254	262,517,287	432,989,257
4. Total (Lines 1 to 3)	6,818,900,071	6,797,901,640	9,454,913,361
5. Benefit and loss related payments	4,312,096,049	4,755,927,325	6,246,240,358
6. Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	188,566,409	(218,188,290)	(136,452,873)
7. Commissions, expenses paid and aggregate write-ins for deductions	1,069,706,884	937,614,651	1,270,489,249
8. Dividends paid to policyholders	11,655,310	25,878,751	35,478,941
9. Federal and foreign income taxes paid (recovered) net of \$ (91,454,297) tax on capital gains (losses)	(33,465,674)	10,619,273	(23,004,402)
10. Total (Lines 5 through 9)	5,548,558,978	5,511,851,710	7,392,751,273
11. Net cash from operations (Line 4 minus Line 10)	1,270,341,093	1,286,049,930	2,062,162,088
Cash from Investments			
12. Proceeds from investments sold, matured or repaid:			
12.1 Bonds	2,513,196,044	2,519,982,944	3,572,720,557
12.2 Stocks	290,794,142	141,987,732	259,900,983
12.3 Mortgage loans	455,077,462	554,337,637	831,080,597
12.4 Real estate			
12.5 Other invested assets	116,811,096	159,497,734	237,885,406
12.6 Net gains or (losses) on cash, cash equivalents and short-term investments			
12.7 Miscellaneous proceeds	(470,582,200)	351,665,225	576,848,111
12.8 Total investment proceeds (Lines 12.1 to 12.7)	2,905,296,544	3,727,471,272	5,478,435,654
13. Cost of investments acquired (long-term only):			
13.1 Bonds	3,256,736,447	3,848,822,042	5,979,214,832
13.2 Stocks	258,198,363	130,336,993	218,916,025
13.3 Mortgage loans	764,555,000	834,432,588	1,038,038,071
13.4 Real estate			
13.5 Other invested assets	137,376,467	196,145,247	275,540,253
13.6 Miscellaneous applications			
13.7 Total investments acquired (Lines 13.1 to 13.6)	4,416,866,277	5,009,736,870	7,511,709,181
14. Net increase (or decrease) in contract loans and premium notes	99,818,854	36,399,494	42,661,370
15. Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(1,611,388,587)	(1,318,665,092)	(2,075,934,897)
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			100,000,000
16.3 Borrowed funds			25,000,000
16.4 Net deposits on deposit-type contracts and other insurance liabilities	97,427,972	(16,744,536)	18,822,531
16.5 Dividends to stockholders			
16.6 Other cash provided (applied)	49,436,265	43,510,909	(24,938,756)
17. Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	146,864,237	26,766,373	118,883,775
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)	(194,183,257)	(5,848,789)	105,110,966
19. Cash, cash equivalents and short-term investments:			
19.1 Beginning of year	335,429,971	230,319,005	230,319,005
19.2 End of period (Line 18 plus Line 19.1)	141,246,714	224,470,216	335,429,971

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

20.0001. Investments transferred in connection with reinsurance transaction	2,051,174,521		
---	---------------	--	--

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	1,683,358,023	1,419,937,985	2,045,500,917
3. Ordinary individual annuities	498,449,889	355,269,765	503,213,546
4. Credit life (group and individual)	58,672,099	56,440,362	76,752,109
5. Group life insurance	1,030,735,785	1,065,864,125	1,403,455,326
6. Group annuities	2,979,386,728	3,006,101,497	4,098,313,418
7. A & H - group	249,180,710	252,787,067	338,039,755
8. A & H - credit (group and individual)	57,314,021	56,883,449	77,363,424
9. A & H - other	13,283,389	14,994,767	19,701,698
10. Aggregate of all other lines of business			
11. Subtotal (Lines 1 through 10)	6,570,380,644	6,228,279,017	8,562,340,193
12. Fraternal (Fraternal Benefit Societies Only)			
13. Subtotal (Lines 11 through 12)	6,570,380,644	6,228,279,017	8,562,340,193
14. Deposit-type contracts	296,896,978	175,572,393	284,894,040
15. Total (Lines 13 and 14)	6,867,277,622	6,403,851,410	8,847,234,233
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, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(1) Summary of Significant Accounting Policies

A. Accounting Practices

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

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

The Company has no material prescribed accounted practices.

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

	SSAP #	F/S Page	F/S Line #	09/30/2022	12/31/2021
1. Net Income, Minnesota State basis:				\$ (105,491,465)	\$ (25,064,975)
2.State Prescribed Practices (Income):	NONE	NONE	NONE	-	-
3.State Permitted Practices (Income): Permitted use of modified 1959 ADB Table	51	4	19	\$ (24,000)	\$ (192,000)
4. Net Income, NAIC SAP:				\$ (105,467,465)	\$ (24,872,975)
5. Statutory Surplus, Minnesota State basis:				\$ 2,962,907,068	\$ 3,402,930,077
6. State Prescribed Practices (Surplus):	NONE	NONE	NONE	-	-
7. State Permitted Practices (Surplus): Permitted use of modified 1959 ADB Table	51	4	37	\$ 6,210,000	\$ 6,234,000
8. Statutory Surplus, NAIC SAP:				\$ 2,956,697,068	\$ 3,396,696,077

B. Not significant change

C. Not significant change

D. Not applicable

(2) Accounting Changes and Corrections of Errors

Subsequent to the filing of the 2020 Annual Statement, certain adjustments were identified and recorded to properly reflect policy reserves on universal life policies with second guarantees, and related tax impacts at December 31, 2020. These adjustments were disclosed in the 2020 Statutory Audit on page 57, Notes to Statutory Financial statement, note 23 and filed with the NAIC and the Company's state of domicile. To bring the 2021 Annual Statement in alignment, an adjustment of \$(15,013,741) was included on the statutory summary of operations, page 4, line 5304, column 1.

(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, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(5) Investments (Continued)

D. Loan-Backed Securities

For Fixed-rate agency mortgage-backed securities, the Company uses a third party reporting tool to calculate prepayment speeds utilizing Mortgage Industry Advisory Corporation (MIAC) Mortgage Industry Medians (MIMs). MIMs are derived from a semi-monthly dealer-consensus survey of long-term prepayment projections. For other mortgage-backed, loan-backed, and structured securities, the Company utilizes prepayment assumptions from outside service providers who either apply a flat economic credit model and utilizes a vector of multiple monthly speeds as opposed to a single speed for more robust projections, or, when not available, utilizes the median prepayment speed from contributors' models.

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. As of September 30, 2022 the Company recognized OTTI on certain loan backed securities due to sell as part Of the reinsurance transaction described in Note 21C. The Company did not recognized any OTTI on loan backed securities due to the inability or lack of intent 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	\$ 335,956,852	\$ -	\$ 7,550,200	\$ 328,406,652
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	\$ 335,956,852	\$ -	\$ 7,550,200	\$ 328,406,652
OTTI recognized 2nd Quarter				
d. Intent to sell	\$ 153,188	\$ -	\$ 1,769	\$ 151,419
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	\$ 153,188	\$ -	\$ 1,769	\$ 151,419
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			\$ 7,551,969	

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
	-	-	-	-	-	
Total	\$ -	\$ -	\$ -	\$ -	\$ -	

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, 2022:

	Aggregate	Less than 12 Months	12 Months or Longer
A. Gross Unrealized Losses	493,773,989	274,333,839	219,440,150
B. Fair Value of Securities with Unrealized Losses	3,775,623,036	2,779,995,724	995,627,312

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	4	\$ 6,661,316	\$ 7,894,746	\$ 6,671,789	\$ 7,908,610
(2) LB&SS - AC	-	-	-	-	-	-
(3) Preferred Stock - AC	-	-	-	-	-	-
(4) Preferred Stock - FV	-	-	-	-	-	-
Total	4	4	\$ 6,661,316	\$ 7,894,746	\$ 6,671,789	\$ 7,908,610

P. Not applicable

Q. Prepayment Penalty and Acceleration Fees

	General Account	Separate Account
(1) Number of CUSIPs	12	-
(2) Aggregate amount of investment income	\$ (583,282)	\$ -

R. Not applicable

NOTES TO FINANCIAL STATEMENTS

(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 \$928,032,000 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	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	928,032,000	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	1,469,773,000	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, 2022 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	1,241,506,000	1,337,810,000	120,000,000

2. Current Year General Account	Fair Value	Carrying Value	Aggregate Total Borrowing
Total Collateral Pledged	1,241,506,000	1,337,810,000	120,000,000

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	1,958,405,000	1,860,289,000	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	1,958,405,000	1,860,289,000	120,000,000

2. Current Year General Account	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

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	2,253,339,000	2,122,023,000	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	120,000,000	120,000,000	-	xxx
(b) Funding Agreements	-	-	-	-
(c) Other	-	-	-	xxx
(d) Aggregate Total	120,000,000	120,000,000	-	-

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

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(11) Debt (continued)

b. Maximum Amount during Reporting Period (Current Year)

	1	2	3
	Total 2+3	General Account	Separate Accounts
1. Debt	120,000,000	120,000,000	-
2. Funding Agreements	-	-	-
3. Other	-	-	-
4. Aggregate Total	120,000,000	120,000,000	-

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

In thousands	Pension Benefits		Postretirement Benefits		Special or Contractual Benefits Per SSAP No.11	
	2022	2021	2022	2021	2022	2021
a. Service cost	\$ -	\$ -	\$ 110	\$ 174	-	-
b. Interest cost	1,315	1,598	96	116	-	-
c. Expected return on plan assets	(1,353)	(1,882)	-	-	-	-
d. Transition asset or obligation	-	-	-	-	-	-
e. Gains and losses	1,284	1,375	(153)	(187)	-	-
f. Prior service cost or credit	-	-	(96)	(478)	-	-
g. Gain or loss recognized due to a settlement or curtailment	-	-	-	-	-	-
h. Total net periodic benefit cost	\$ 1,246	\$ 1,091	\$ (43)	\$ (375)	-	-

(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, 2022 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		1	\$ 111,922	\$ 99,006	\$ 5,365

(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, 2022. 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, 2022 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, 2022 (in thousands):

Description	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Cash equivalents					
Money market mutual funds	\$ 137,470	\$ -	\$ -	\$ -	\$ 137,470
Bonds					
Industrial and misc	\$ -	\$ -	\$ -		\$ -
Common stocks:					
Industrial and misc	\$ 372,065	-	\$ 10,220	-	\$ 382,285
Preferred stocks	\$ 7,111	\$ 24,778	\$ -	-	\$ 31,889
Derivative assets:					
Swaps	\$ -	\$ -	\$ -	\$ -	\$ -
Futures & Forward Contracts	-	-	-	-	-
Options	-	172,139	-	-	172,139
Total derivatives	\$ -	\$ 172,139	\$ -	\$ -	\$ 172,139
Separate account assets	\$ 5,229,250	\$ 21,012,733	\$ 8,005	\$ -	\$ 26,249,988
Total assets	\$ 5,745,896	\$ 21,209,650	\$ 18,225	\$ -	\$ 26,973,771
Derivative liabilities	\$ -	\$ 154,450	\$ -	\$ -	\$ 154,450
Total liabilities	\$ -	\$ 154,450	\$ -	\$ -	\$ 154,450

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

(in thousands)	Balance at 06/30/2022	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	Issuances	Sales	Balance at 09/30/2022
Separate account assets	\$ 8,305	-	-	-	(300)	-	-	-	\$ 8,005
Common stock	6,570	-	-	-	-	-	3,650	-	10,220
Total	\$ 14,875	\$ -	\$ -	\$ -	\$ (300)	\$ -	\$ 3,650	\$ -	\$ 18,225

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

Common Stocks

The Company's common stocks consist primarily of investments in common stock of publicly traded companies. The fair values of common stocks are based on quoted market prices in active markets for identical assets and are primarily classified within level 1. The Company carries a small amount of non-exchange traded common stocks 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.

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.

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(20) Fair Value Measurements (continued)

Cash equivalents

Cash equivalents include money market instruments. Money market instruments 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, 2022 (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	\$ 18,178,895	\$ 21,515,859	\$ 221,714	\$ 15,024,744	\$ 2,932,437	\$ -	\$ -
Common stock	382,285	397,085	372,065	-	10,220	-	14,800
Preferred stock	98,723	109,478	7,834	24,778	66,111	-	-
Mortgage loans	4,507,305	5,107,454	-	-	4,507,305	-	-
Short terms	11,872	11,885	11,872	-	-	-	-
Cash Equivalents	137,470	137,469	137,470	-	-	-	-
Surplus Notes	136,083	184,401	-	136,083	-	-	-
Total investments	\$ 23,452,633	\$ 27,463,631	\$ 750,955	\$ 15,185,605	\$ 7,516,073	\$ -	\$ 14,800
Derivative Assets:							
Futures & Forward Contract	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Options	172,139	172,139	-	172,139	-	-	-
	-	-	-	-	-	-	-
Total derivatives	\$ 172,139	\$ 172,139	\$ -	\$ 172,139	\$ -	\$ -	\$ -
Policy loans	\$ 640,542	\$ 531,303	\$ -	\$ -	\$ 640,542	\$ -	\$ -
Separate account assets	\$ 26,249,988	\$ 26,249,988	\$ 5,229,250	\$ 21,012,733	\$ 8,005	\$ -	\$ -
Total assets	\$ 50,515,302	\$ 54,417,061	\$ 5,980,205	\$ 36,370,477	\$ 8,164,620	\$ -	\$ 14,800
Liabilities:							
Derivative liabilities:	\$ (154,450)	\$ (154,450)	\$ -	\$ (154,450)	\$ -	\$ -	\$ -
Deferred annuities	\$ 2,030,493	\$ 1,879,755	\$ -	\$ -	\$ 2,030,493	\$ -	\$ -
Annuity certain contracts	\$ 115,936	\$ 120,360	\$ -	\$ -	\$ 115,936	\$ -	\$ -
Other fund deposits	\$ 3,035,419	\$ 3,181,762	\$ -	\$ -	\$ 3,035,419	\$ -	\$ -
Supplementary contracts without life contingencies	\$ 173,738	\$ 173,738	\$ -	\$ -	\$ 173,738	\$ -	\$ -
Separate account liabilities	\$ 22,882,085	\$ 22,882,085	\$ 5,229,250	\$ 17,644,830	\$ 8,005	\$ -	\$ -
Total liabilities	\$ 28,083,221	\$ 28,083,250	\$ 5,229,250	\$ 17,490,380	\$ 5,363,591	\$ -	\$ -

D. The following table provides a summary of financial assets with a not practicable carrying value as of September 30, 2022 (in thousands):

	Carrying Value	Effective Interest Rate	Maturity Date	Explanation
Common stock	\$ 14,800	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

On April 1, 2022, the Company closed a transaction to reinsure several closed blocks of individual life and individual annuity products effective January 1, 2022. The transaction included a coinsurance and modified coinsurance structure with certain of the counterparty's reinsurance obligations secured via a trust established for the benefit of the Company. As part of the transaction, the Company transferred \$1.8 billion in consideration primarily consisting of bonds and cash. The transaction resulted in net realized gains of \$38.9 million (before taxes and IMR impacts) in the second quarter. In March 2022, the Company had recognized other-than-temporary impairments before taxes and transfers to IMR of \$15.8 million on investments identified to be transferred to the reinsurer upon closing of the transaction. The ceded premium associated with the transaction was \$2.4 billion.

During October 2022, the Company entered into a master transaction agreement pursuant to which, and subject to the satisfaction of closing conditions, the Company will enter in an agreement to reinsure certain non-affiliated group annuity contracts effective December 1, 2022. This transaction is expected to close during the fourth quarter of 2022.

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 such as COVID-19 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. No significant change
- G. No significant change
- H. Not applicable
- I. Not applicable

(22) Events Subsequent

Not applicable

(23) Reinsurance

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

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

No significant change

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

(25) Change in Incurred Losses and Loss Adjustment Expenses

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

<i>In thousands</i>	<u>09/30/2022</u>	<u>12/31/2021</u>
Balance at January 1	\$ 620,648	\$ 628,687
Less: balance correction	-	543
Less: reinsurance recoverable	486,085	509,225
Net balance at January 1	<u>134,563</u>	<u>118,919</u>
Incurred related to:		
Current year	112,769	151,905
Prior years	(13,377)	(10,824)
Total incurred	<u>99,392</u>	<u>141,081</u>
Paid related to:		
Current year	34,976	61,909
Prior years	55,945	63,527
Total paid	<u>90,921</u>	<u>125,436</u>
Net balance at end of period	143,035	134,563
Plus: reinsurance recoverable	498,258	486,085
Balance at end period	<u><u>\$ 641,293</u></u>	<u><u>\$ 620,648</u></u>

The liability for unpaid accident and health claim adjustment expenses as of September 30, 2022 and 2021 was \$2,870,000 and \$2,797,000, 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) \$(13,377,000) and \$(10,824,000) as of September 30, 2022 and 2021, 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 \$1,701,000 and paid \$1,628,000 of claim adjustment expenses in the current year, of which \$796,000 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

No significant change

(30) Premium Deficiency Reserves

No significant change

(31) Reserves for Life Contracts and Annuity Contracts

No significant change

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

No significant change

(33) Analysis of Life Actuarial Reserves by Withdrawal Characteristics

No significant change

NOTES TO FINANCIAL STATEMENTS

(34) Premium and Annuity Considerations Deferred and Uncollected

No significant change

(35) Separate Accounts

No significant change

(36) Loss/Claim Adjustment Expenses

No significant change

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

- 1.1 Did the reporting entity experience any material transactions requiring the filing of Disclosure of Material Transactions with the State of Domicile, as required by the Model Act? Yes [] No [X]
- 1.2 If yes, has the report been filed with the domiciliary state? Yes [] No []
- 2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity? Yes [] No [X]
- 2.2 If yes, date of change:
- 3.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer? Yes [X] No []
If yes, complete Schedule Y, Parts 1 and 1A.
- 3.2 Have there been any substantial changes in the organizational chart since the prior quarter end? Yes [X] No []
- 3.3 If the response to 3.2 is yes, provide a brief description of those changes.
During 3Q 2022, non-insurance affiliate Armour Group Inc purchased Taldon Dealer Services Inc.
- 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	2	3
Name of Entity	NAIC Company Code	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 [X] N/A []
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. 12/31/2017
- 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 was examined as part of a group level examination conducted by the Minnesota Department of Commerce with Ohio Department of Insurance and Arkansas 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	2	3	4	5	6
Affiliate Name	Location (City, State)	FRB	OCC	FDIC	SEC
Securian Financial Services, Inc.	St. Paul, MN	NO	NO	NO	YES
Securian Trust Company, N. A.	St. Paul, MN	NO	YES	NO	NO
Asset Allocation & Management Company, LLC	Chicago, IL	NO	NO	NO	YES
Securian Asset Management	St. Paul, MN	NO	NO	NO	YES

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 [] No [X]
- 10.2 If yes, indicate any amounts receivable from parent included in the Page 2 amount: \$

INVESTMENT

- 11.1 Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available for use by another person? (Exclude securities under securities lending agreements.) Yes [] No [X]
- 11.2 If yes, give full and complete information relating thereto:
Not applicable
12. Amount of real estate and mortgages held in other invested assets in Schedule BA: \$
13. Amount of real estate and mortgages held in short-term investments: \$
- 14.1 Does the reporting entity have any investments in parent, subsidiaries and affiliates? Yes [X] No []
- 14.2 If yes, please complete the following:

	1 Prior Year-End Book/Adjusted Carrying Value	2 Current Quarter Book/Adjusted Carrying Value
14.21 Bonds	\$	\$
14.22 Preferred Stock	\$	\$
14.23 Common Stock	\$ 476,116,668	\$ 479,093,856
14.24 Short-Term Investments	\$	\$
14.25 Mortgage Loans on Real Estate	\$	\$
14.26 All Other	\$ 171,492,510	\$ 265,148,058
14.27 Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)	\$ 647,609,178	\$ 744,241,914
14.28 Total Investment in Parent included in Lines 14.21 to 14.26 above	\$	\$

- 15.1 Has the reporting entity entered into any hedging transactions reported on Schedule DB? Yes [X] No []
- 15.2 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state? Yes [X] No [] N/A []
If no, attach a description with this statement.
Not applicable
16. For the reporting entity's security lending program, state the amount of the following as of the current statement date:
- 16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2. \$
- 16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2 \$
- 16.3 Total payable for securities lending reported on the liability page. \$

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY
GENERAL INTERROGATORIES

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

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

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

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

- 17.3 Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter? Yes [] No [X]
- 17.4 If yes, give full information relating thereto:

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

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

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

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

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

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

1 Central Registration Depository Number	2 Name of Firm or Individual	3 Legal Entity Identifier (LEI)	4 Registered With	5 Investment Management Agreement (IMA) Filed
109905	Securian Asset Management, Inc	5URRAMPU5ELNW8AQJB87	SEC	NO.....
277065	Macquarie Asset Management		SEC	NO.....
111383	Templeton Investment Counsel, LLC		SEC	NO.....
107126	Fort Washington Investment Advisors		SEC	NO.....

- 18.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed? Yes [X] No []
- 18.2 If no, list exceptions:
Not applicable

19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5GI security:
a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
b. Issuer or obligor is current on all contracted interest and principal payments.
c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.
Has the reporting entity self-designated 5GI securities? Yes [X] No []

20. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:
a. The security was purchased prior to January 1, 2018.
b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.
Has the reporting entity self-designated PLGI securities? Yes [] No [X]

21. By assigning FE to a Schedule BA non-registered private fund, the reporting entity is certifying the following elements of each self-designated FE fund:
a. The shares were purchased prior to January 1, 2019.
b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
c. The security had a public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO prior to January 1, 2019.
d. The fund only or predominantly holds bonds in its portfolio.
e. The current reported NAIC Designation was derived from the public credit rating(s) with annual surveillance assigned by an NAIC CRP in its legal capacity as an NRSRO.
f. The public credit rating(s) with annual surveillance assigned by an NAIC CRP has not lapsed.
Has the reporting entity assigned FE to Schedule BA non-registered private funds that complied with the above criteria? Yes [] No [X]

STATEMENT AS OF SEPTEMBER 30, 2022 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 \$ 5,107,454,035
- 1.14 Total Mortgages in Good Standing \$ 5,107,454,035
- 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) \$ 5,107,454,035
- 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 36.000 %
- 2.2 A&H cost containment percent 0.220 %
- 2.3 A&H expense percent excluding cost containment expenses 59.000 %
- 3.1 Do you act as a custodian for health savings accounts? Yes [] No [X]
- 3.2 If yes, please provide the amount of custodial funds held as of the reporting date \$
- 3.3 Do you act as an administrator for health savings accounts? Yes [] No [X]
- 3.4 If yes, please provide the balance of the funds administered as of the reporting date \$
4. Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states? Yes [X] No []
- 4.1 If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity? Yes [] No []

Fraternal Benefit Societies Only:

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

Date	Outstanding Lien Amount
.....

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY
SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories

States, Etc.	1	Life Contracts		Direct Business Only			7	
		2	3	4	5	6		
	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	19,684,181	1,564,407	13,101,555	2,662,443	37,012,586	9,407,911
2. Alaska	AK	L	2,500,704	502,467	1,075,888	22,626,477	26,705,536	3,111
3. Arizona	AZ	L	59,396,688	10,000,374	8,277,370	32,349,246	110,023,678	1,267,788
4. Arkansas	AR	L	6,599,349	3,411,472	2,170,139	22,842,449	35,023,409	3,237,733
5. California	CA	L	258,354,331	32,285,449	28,112,594	171,098,018	489,850,392	42,330,856
6. Colorado	CO	L	62,437,757	7,821,648	3,913,380	89,042,655	163,215,440	7,167,234
7. Connecticut	CT	L	30,455,808	9,157,757	3,154,996	9,329,108	52,097,669	12,269
8. Delaware	DE	L	26,840,263	1,684,355	861,146	1,706,086	31,091,850	247,352
9. District of Columbia	DC	L	3,133,781	570,173	380,268	3,291,470	7,375,692	104,484
10. Florida	FL	L	178,082,843	49,953,433	25,753,084	77,139,293	330,928,653	21,375,550
11. Georgia	GA	L	49,811,647	13,885,613	13,791,430	35,445,293	112,933,983	14,108,835
12. Hawaii	HI	L	13,980,522	3,128,055	3,399,068	2,286,943	22,794,588	13,707,849
13. Idaho	ID	L	11,640,246	7,208,089	2,009,577	10,308,050	31,165,962	493,428
14. Illinois	IL	L	73,356,841	17,292,121	5,618,540	144,900,498	241,168,000	3,115,772
15. Indiana	IN	L	44,861,797	12,276,042	5,063,086	172,056,664	234,257,589	1,615,375
16. Iowa	IA	L	45,206,830	13,534,056	2,657,549	27,919,046	89,317,481	4,697,130
17. Kansas	KS	L	17,144,219	4,315,364	2,635,573	19,020,917	43,116,073	49,536
18. Kentucky	KY	L	20,640,838	7,566,431	3,677,410	23,393,608	55,278,287	72,751
19. Louisiana	LA	L	30,323,094	7,363,557	3,011,982	35,563,166	76,261,799	13,516
20. Maine	ME	L	4,248,140	497,696	1,435,490	839,829	7,021,155	4,643
21. Maryland	MD	L	33,717,211	4,654,705	4,915,317	27,552,703	70,839,936	5,655,599
22. Massachusetts	MA	L	53,091,597	18,167,496	4,499,660	30,615,304	106,374,057	9,215,042
23. Michigan	MI	L	111,438,025	31,570,421	13,698,051	91,626,757	248,333,254	6,746,637
24. Minnesota	MN	L	93,371,597	31,738,180	3,573,401	1,022,835,511	1,151,518,689	15,213,211
25. Mississippi	MS	L	23,257,190	2,488,876	5,501,795	24,131,438	55,379,299	531,975
26. Missouri	MO	L	56,847,115	6,343,796	7,447,582	45,084,685	115,723,178	1,260,817
27. Montana	MT	L	7,695,503	193,839	565,193	2,180,017	10,634,552	7,054
28. Nebraska	NE	L	29,099,324	6,190,054	1,338,629	9,915,524	46,543,531	152,196
29. Nevada	NV	L	20,494,380	3,572,864	2,123,369	24,828,093	51,018,706	10,178,224
30. New Hampshire	NH	L	9,496,071	6,270,174	1,038,851	2,222,995	19,028,091	278,174
31. New Jersey	NJ	L	91,008,675	26,273,095	4,870,084	15,444,251	137,596,105	4,835,456
32. New Mexico	NM	L	12,441,527	1,524,459	2,698,406	3,935,725	20,600,117	12,123,977
33. New York	NY	N	15,552,716	888,937	379,673		16,821,326	72,235
34. North Carolina	NC	L	59,088,262	13,074,494	16,544,113	25,725,262	114,432,131	19,112,492
35. North Dakota	ND	L	11,211,577	7,772,485	1,091,479	8,995,966	29,071,507	247
36. Ohio	OH	L	78,463,549	37,396,209	15,376,176	14,546,304	145,782,238	2,050,635
37. Oklahoma	OK	L	20,928,616	9,255,905	5,434,447	27,239,445	62,858,413	1,906,012
38. Oregon	OR	L	45,374,170	2,321,904	4,729,316	15,596,027	68,021,417	14,665,123
39. Pennsylvania	PA	L	86,344,858	31,383,086	12,480,891	93,458,750	223,667,585	4,198,230
40. Rhode Island	RI	L	8,299,335	5,769,482	499,731	1,634,602	16,203,150	367,618
41. South Carolina	SC	L	29,253,064	10,176,592	11,909,393	4,276,460	55,615,509	486,219
42. South Dakota	SD	L	6,223,419	1,931,330	491,922	18,915,994	27,562,665	470,124
43. Tennessee	TN	L	55,163,645	7,335,515	8,164,152	67,802,164	138,465,476	778,065
44. Texas	TX	L	271,293,512	31,261,455	34,003,007	89,884,885	426,442,859	48,219,412
45. Utah	UT	L	57,363,254	3,564,166	4,117,441	54,903,659	119,948,520	14,036,322
46. Vermont	VT	L	3,824,080	1,087,473	331,405	208,932	5,451,890	10,470
47. Virginia	VA	L	279,908,634	120,194,870	9,034,824	43,232,043	452,370,371	8,471,858
48. Washington	WA	L	52,567,849	9,031,576	8,310,926	29,256,167	99,166,518	9,554,394
49. West Virginia	WV	L	29,273,660	3,192,103	2,358,409	218,083	35,042,255	1,025,841
50. Wisconsin	WI	L	123,406,557	49,271,910	2,947,669	84,630,379	260,256,515	(18,500,889)
51. Wyoming	WY	L	3,520,248	254,297	473,963	1,988,966	6,237,474	475,521
52. American Samoa	AS	N						
53. Guam	GU	L	77,042		441,585		518,627	
54. Puerto Rico	PR	L	555,534		93,918		649,452	25,671
55. U.S. Virgin Islands	VI	L	1,152		25		1,177	
56. Northern Mariana Islands	MP	N						
57. Canada	CAN	N	135,507		4,579		140,086	5,380
58. Aggregate Other Aliens	OT	XXX	1,301,649	352,252	24,447	2,563	1,680,911	234,513
59. Subtotal	XXX		2,739,789,983	688,522,559	321,613,954	2,786,710,913	6,536,637,409	296,896,978
90. Reporting entity contributions for employee benefits plans	XXX							
91. Dividends or refunds applied to purchase paid-up additions and annuities	XXX		22,371,526				22,371,526	
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		4,096,593		684,917		4,781,510	
94. Aggregate or other amounts not allocable by State	XXX							
95. Totals (Direct Business)	XXX		2,766,258,102	688,522,559	322,298,871	2,786,710,913	6,563,790,445	296,896,978
96. Plus Reinsurance Assumed	XXX		609,247,873		29,388,575	109,820	638,746,268	
97. Totals (All Business)	XXX		3,375,505,975	688,522,559	351,687,446	2,786,820,733	7,202,536,713	296,896,978
98. Less Reinsurance Ceded	XXX		3,023,165,984	543,756,593	42,190,716	51,042	3,609,164,335	
99. Totals (All Business) less Reinsurance Ceded	XXX		352,339,991	144,765,966	309,496,730	2,786,769,691	3,593,372,378	296,896,978
DETAILS OF WRITE-INS								
58001. Other Alien	XXX		1,301,649	352,252	24,447	2,563	1,680,911	234,513
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		1,301,649	352,252	24,447	2,563	1,680,911	234,513
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:

L - Licensed or Chartered - Licensed Insurance carrier or domiciled RRG..... 53
E - Eligible - Reporting entities eligible or approved to write surplus lines in the state.....
N - None of the above - Not allowed to write business in the state..... 4

R - Registered - Non-domiciled RRGs.....
Q - Qualified - Qualified or accredited reinsurer.....

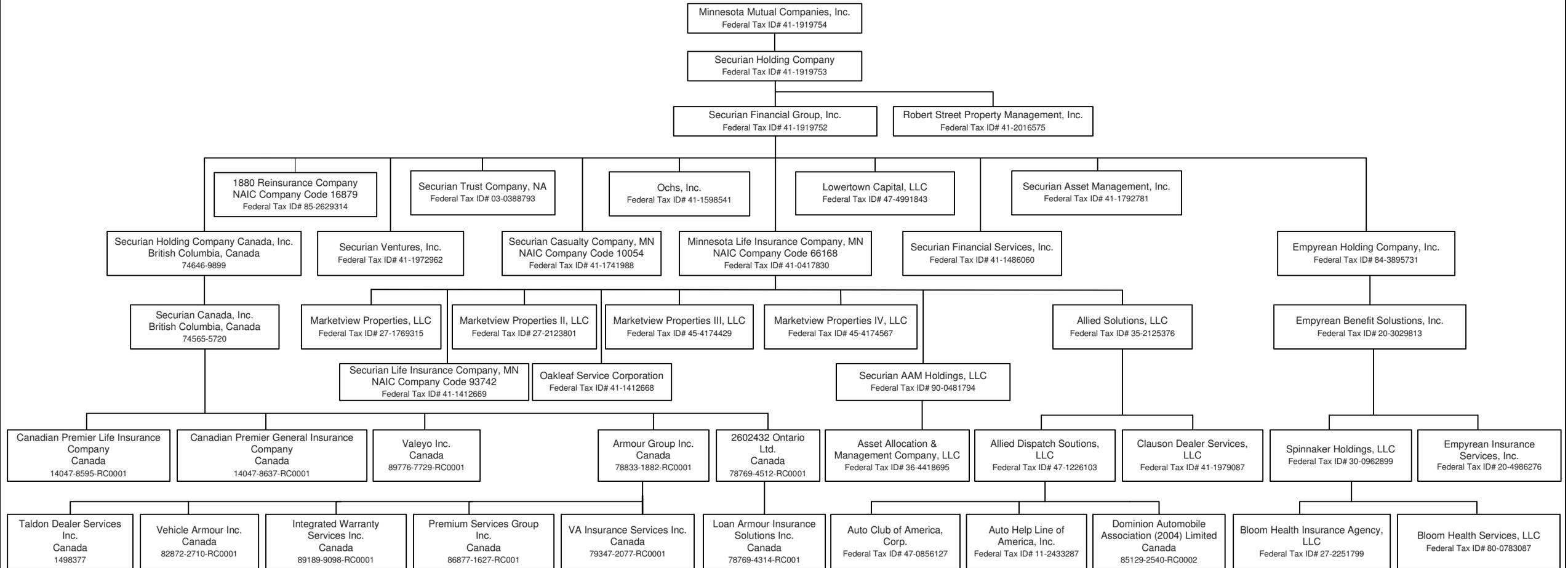
STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

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.

Board of Directors



STATEMENT AS OF SEPTEMBER 30, 2022 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	
			27-2251799				BLOOM HEALTH INSURANCE AGENCY LLC	DE	NIA	SPINNAKER HOLDINGS, LLC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			80-0783087				BLOOM HEALTH SERVICES, LLC	DE	NIA	SPINNAKER HOLDINGS, 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	MIN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			45-4174429				MARKETVIEW PROPERTIES III, LLC	MIN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			45-4174567				MARKETVIEW PROPERTIES IV, LLC	MIN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			27-1769315				MARKETVIEW PROPERTIES, LLC	MIN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
.0869	Minnesota Mutual Group	.66168	41-0417830				MINNESOTA LIFE INSURANCE COMPANY	MIN	RE	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1919754				MINNESOTA MUTUAL COMPANIES, INC.	MIN	UIP	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	
			41-1412668				OAKLEAF SERVICE CORPORATION	MIN	DS	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	NO	

STATEMENT AS OF SEPTEMBER 30, 2022 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)	*
			41-1598541				OCHS, INC.	..MN.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
							PREMIUM SERVICES GROUP INC.	..CAN.	..NIA.	ARMOUR GROUP INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			41-2016575				ROBERT STREET PROPERTY MANAGEMENT, INC.	..MN.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			90-0481794				SECURIAN AAM HOLDINGS, LLC	..DE.	..DS.	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			41-1792781				SECURIAN ASSET MANAGEMENT, INC.	..MN.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
							SECURIAN CANADA, INC	..CAN.	..NIA.	SECURIAN HOLDING COMPANY CANADA, INC	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
0869	Minnesota Mutual Group	10054	41-1741988				SECURIAN CASUALTY COMPANY	..MN.	..IA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			41-1919752				SECURIAN FINANCIAL GROUP, INC.	..DE.	..UDP.	SECURIAN HOLDING COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			41-1486060				SECURIAN FINANCIAL SERVICES, INC.	..MN.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			41-1919753				SECURIAN HOLDING COMPANY	..DE.	..UIP.	MINNESOTA MUTUAL COMPANIES, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
							SECURIAN HOLDING COMPANY CANADA, INC	..CAN.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
0869	Minnesota Mutual Group	93742	41-1412669				SECURIAN LIFE INSURANCE COMPANY	..MN.	..DS.	MINNESOTA LIFE INSURANCE COMPANY	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			03-0388793	3089752			SECURIAN TRUST COMPANY, NA	..US.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			41-1972962				SECURIAN VENTURES, INC.	..MN.	..NIA.	SECURIAN FINANCIAL GROUP, INC.	Ownership	100.000	POLICYHOLDERS OF MINNESOTA MUTUAL COMPANIES, INC.	..NO.	
			30-0962899				SPINNAKER HOLDINGS, LLC	..DE.	..NIA.	EMPYREAN BENEFIT SOLUTIONS, 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.	

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.

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.	N/A

AUGUST FILING

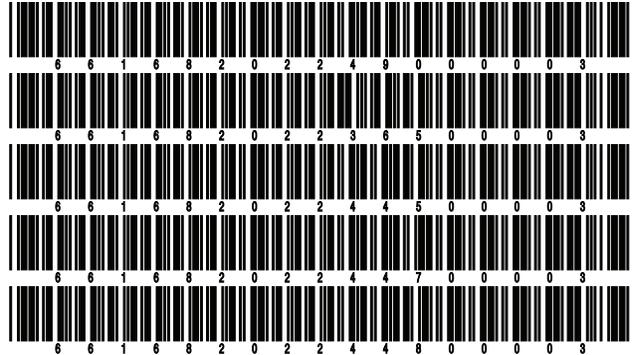
9. Will the regulator-only (non-public) Communication of Internal Control Related Matters Noted in Audit be filed with the state of domicile and electronically with the NAIC (as a regulator-only non-public document) by August 1? The response for 1st and 3rd quarters should be N/A. A NO response resulting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

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. Correction of prior year balance		(15,013,741)	(15,013,741)
5397. Summary of remaining write-ins for Line 53 from overflow page		(15,013,741)	(15,013,741)

STATEMENT AS OF SEPTEMBER 30, 2022 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	51,907,350	55,505,414
2. Cost of acquired:		
2.1 Actual cost at time of acquisition		
2.2 Additional investment made after acquisition		
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	2,282,589	3,598,064
9. Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	49,624,761	51,907,350
10. Deduct total nonadmitted amounts		
11. Statement value at end of current period (Line 9 minus Line 10)	49,624,761	51,907,350

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	4,797,976,497	4,591,286,426
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	737,145,270	1,060,623,930
2.2 Additional investment made after acquisition	27,409,730	9,603,980
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	455,077,462	863,270,436
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		267,403
11. Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	5,107,454,035	4,797,976,497
12. Total valuation allowance		
13. Subtotal (Line 11 plus Line 12)	5,107,454,035	4,797,976,497
14. Deduct total nonadmitted amounts		
15. Statement value at end of current period (Line 13 minus Line 14)	5,107,454,035	4,797,976,497

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	1,424,325,125	1,067,384,477
2. Cost of acquired:		
2.1 Actual cost at time of acquisition	147,496,719	275,284,388
2.2 Additional investment made after acquisition		
3. Capitalized deferred interest and other		
4. Accrual of discount	3,253	3,948
5. Unrealized valuation increase (decrease)	109,323,351	244,521,009
6. Total gain (loss) on disposals	41,049,002	116,501,087
7. Deduct amounts received on disposals	120,812,401	265,636,506
8. Deduct amortization of premium and depreciation	6,602,015	5,891,606
9. Total foreign exchange change in book/adjusted carrying value		
10. Deduct current year's other than temporary impairment recognized	3,146,431	7,841,672
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	1,591,636,603	1,424,325,125
12. Deduct total nonadmitted amounts	5,930,599	1,383,007
13. Statement value at end of current period (Line 11 minus Line 12)	1,585,706,004	1,422,942,118

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	23,727,473,202	21,267,965,319
2. Cost of bonds and stocks acquired	3,620,481,574	6,457,084,053
3. Accrual of discount	8,715,794	20,275,536
4. Unrealized valuation increase (decrease)	(143,070,710)	26,774,224
5. Total gain (loss) on disposals	48,605,832	70,062,707
6. Deduct consideration for bonds and stocks disposed of	4,717,732,808	4,142,942,688
7. Deduct amortization of premium	25,284,417	36,621,498
8. Total foreign exchange change in book/adjusted carrying value	(4,132,026)	(1,809,243)
9. Deduct current year's other than temporary impairment recognized	15,859,479	9,314,642
10. Total investment income recognized as a result of prepayment penalties and/or acceleration fees	2,318,235	75,999,436
11. Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	22,501,515,197	23,727,473,202
12. Deduct total nonadmitted amounts	10,153	10,153
13. Statement value at end of current period (Line 11 minus Line 12)	22,501,505,044	23,727,463,049

STATEMENT AS OF SEPTEMBER 30, 2022 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)	12,036,797,723	871,499,595	758,885,735	655,755	12,985,686,853	12,036,797,723	12,150,067,338	13,403,733,183
2. NAIC 2 (a)	8,314,484,470	498,695,763	138,860,410	13,041,342	8,900,242,773	8,314,484,470	8,687,361,165	8,496,761,244
3. NAIC 3 (a)	658,990,369	29,049,537	17,961,730	(20,263,904)	698,344,682	658,990,369	649,814,272	741,417,129
4. NAIC 4 (a)	64,007,862	2,314,370	3,976,163	(1,759,933)	46,789,769	64,007,862	60,586,136	34,049,713
5. NAIC 5 (a)	12,547,468	27,682	1,400,301	1,460,236	12,635,458	12,547,468	12,635,085	13,938,690
6. NAIC 6 (a)					29,153,402			29,263,295
7. Total Bonds	21,086,827,892	1,401,586,947	921,084,339	(6,866,504)	22,672,852,937	21,086,827,892	21,560,463,996	22,719,163,254
PREFERRED STOCK								
8. NAIC 1	76,825,000				57,825,000	76,825,000	76,825,000	27,975,000
9. NAIC 2	28,308,439		200,000	(104,110)	31,679,517	28,308,439	28,004,329	62,061,480
10. NAIC 3	2,237,396	104,177	5,945	(140,997)	5,545,946	2,237,396	2,194,631	7,812,563
11. NAIC 4	2,079,183		45,270	(79,631)	5,061,255	2,079,183	1,954,282	5,420,698
12. NAIC 5	528,513			(28,920)	621,435	528,513	499,593	620,334
13. NAIC 6								
14. Total Preferred Stock	109,978,531	104,177	251,215	(353,658)	100,733,153	109,978,531	109,477,835	103,890,075
15. Total Bonds and Preferred Stock	21,196,806,423	1,401,691,124	921,335,554	(7,220,162)	22,773,586,090	21,196,806,423	21,669,941,831	22,823,053,329

(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 \$ 44,605,390 ; NAIC 2 \$; NAIC 3 \$; NAIC 4 \$; NAIC 5 \$; NAIC 6 \$

S102

STATEMENT AS OF SEPTEMBER 30, 2022 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	11,884,880	xxx	11,866,990		

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	17,148,933	111,390,617
2. Cost of short-term investments acquired	11,866,990	25,846,349
3. Accrual of discount	18,957	6,286
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals		3,515
6. Deduct consideration received on disposals	17,150,000	120,090,903
7. Deduct amortization of premium		6,931
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)	11,884,880	17,148,933
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	11,884,880	17,148,933

STATEMENT AS OF SEPTEMBER 30, 2022 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)	504,620,050
2. Cost Paid/(Consideration Received) on additions	273,874,511
3. Unrealized Valuation increase/(decrease)	(506,440,694)
4. SSAP No. 108 adjustments	
5. Total gain (loss) on termination recognized	(55,731,333)
6. Considerations received/(paid) on terminations	182,047,571
7. Amortization	
8. Adjustment to the Book/Adjusted Carrying Value of hedged item	
9. Total foreign exchange change in Book/Adjusted Carrying Value	(16,586,426)
10. Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4+5-6+7+8+9)	17,688,537
11. Deduct nonadmitted assets	
12. Statement value at end of current period (Line 10 minus Line 11)	17,688,537

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	(10,697,764)
3.14 Section 1, Column 18, prior year	(9,294,668)
3.14 Section 1, Column 18, prior year	(1,403,096)
3.14 Section 1, Column 18, prior year	(1,403,096)
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	(10,697,764)
3.24 Section 1, Column 19, prior year plus	(9,294,668)
3.25 SSAP No. 108 adjustments	(1,403,096)
3.25 SSAP No. 108 adjustments	(1,403,096)
3.3 Subtotal (Line 3.1 minus Line 3.2)	
4.1 Cumulative variation margin on terminated contracts during the year	(255,663,960)
4.2 Less:	
4.21 Amount used to adjust basis of hedged item	
4.22 Amount recognized	(255,663,960)
4.23 SSAP No. 108 adjustments	(255,663,960)
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, 2022 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.....	17,688,537
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance.....
3.	Total (Line 1 plus Line 2).....	17,688,537
4.	Part D, Section 1, Column 6.....	172,138,630
5.	Part D, Section 1, Column 7.....	(154,450,093)
6.	Total (Line 3 minus Line 4 minus Line 5).....
		Fair Value Check
7.	Part A, Section 1, Column 16.....	17,688,537
8.	Part B, Section 1, Column 13.....
9.	Total (Line 7 plus Line 8).....	17,688,537
10.	Part D, Section 1, Column 9.....	172,138,630
11.	Part D, Section 1, Column 10.....	(154,450,093)
12.	Total (Line 9 minus Line 10 minus Line 11).....
		Potential Exposure Check
13.	Part A, Section 1, Column 21.....	17,672,902
14.	Part B, Section 1, Column 20.....	40,948,919
15.	Part D, Section 1, Column 12.....	58,621,821
16.	Total (Line 13 plus Line 14 minus Line 15).....

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	316,966,570	190,010,534
2. Cost of cash equivalents acquired	5,273,781,117	7,214,381,533
3. Accrual of discount	71,647	24,762
4. Unrealized valuation increase (decrease)		
5. Total gain (loss) on disposals	(2,658)	223
6. Deduct consideration received on disposals	5,453,347,699	7,087,450,482
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)	137,468,977	316,966,570
11. Deduct total nonadmitted amounts		
12. Statement value at end of current period (Line 10 minus Line 11)	137,468,977	316,966,570

STATEMENT AS OF SEPTEMBER 30, 2022 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						
NONE								
0399999 - Totals								

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				208,192			(208,192)							1,942,409	4,138,025	
Minnesota Life Center 401 Building	Saint Paul	MN	09/30/2022	Direct				2,074,397			(2,074,397)							3,401,023	4,097,133	
0199999. Property Disposed								2,282,589			(2,282,589)							5,343,432	8,235,158	
0399999 - Totals								2,282,589			(2,282,589)								5,343,432	8,235,158

E01

STATEMENT AS OF SEPTEMBER 30, 2022 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								
2757	Williston		VT		07/11/2022	2.832	29,000,000		61,100,000
2795	Walker		MI		07/21/2022	3.578	11,440,000		19,510,000
2805	Chula Vista		CA		08/05/2022	3.272	10,500,000		41,900,000
2809	Teaneck		NJ		07/07/2022	3.700	32,000,000		67,500,000
2810	Palm Harbor		FL		07/18/2022	4.105	4,200,000		7,640,000
2812	Miami		FL		08/11/2022	4.205	35,000,000		71,400,000
2815	Vacaville		CA		09/15/2022	4.078	23,000,000		55,000,000
2816	Florissant		MO		09/19/2022	4.485	6,125,000		9,530,000
2817	Farmers Branch		TX		09/19/2022	4.485	4,875,000		9,550,000
2818	Indianapolis		IN		09/19/2022	4.485	3,800,000		6,700,000
2819	Salem		OR		07/28/2022	4.395	5,700,000		17,500,000
2820	Melville		NY		08/22/2022	5.031	15,000,000		26,700,000
2821	Melville		NY		08/24/2022	5.031	9,300,000		20,400,000
2826	Clearwater		FL		08/30/2022	4.307	3,000,000		10,073,856
2827	Omaha		NE		08/30/2022	5.019	4,140,000		8,260,000
2828	Fontana		CA		08/29/2022	4.607	7,000,000		16,800,000
2829	Hayward		CA		09/29/2022	5.076	3,000,000		15,200,000
0401963	Annapolis		MD		09/30/2022	5.348	3,200,000		8,351,404
0599999. Mortgages in good standing - Commercial mortgages-all other							210,280,000		473,115,260
0899999. Total Mortgages in good standing							210,280,000		473,115,260
1699999. Total - Restructured Mortgages									
2499999. Total - Mortgages with overdue interest over 90 days									
3299999. Total - Mortgages in the process of foreclosure									
3399999 - Totals							210,280,000		473,115,260

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)					
1512	Sunnyvale	CA		06/18/2007	07/01/2022	95,416						13,818	13,818			
1544	Clearwater	FL		07/11/2008	08/31/2022	4,695,401						4,593,666	4,593,666			
1548	Portland	OR		07/25/2008	07/28/2022	676,061						446,907	446,907			
1562	Asheville	NC		09/25/2008	09/01/2022	1,280,091						774,034	774,034			
1620	Spokane Valley	WA		11/22/2010	07/08/2022	966,172						838,132	838,132			
1704	Florissant	MO		07/16/2012	09/19/2022	2,606,916						2,494,291	2,494,291			
1705	Farmers Branch	TX		07/16/2012	09/19/2022	2,536,459						2,426,878	2,426,878			
1706	Indianapolis	IN		07/16/2012	09/19/2022	1,902,344						1,820,158	1,820,158			
1712	Clearwater	FL		06/14/2012	07/01/2022	4,170,574						4,080,995	4,080,995			
1727	Santa Fe Springs	CA		09/05/2012	08/17/2022	3,877,814						3,766,470	3,766,470			
1796	Perris	CA		08/09/2013	09/26/2022	3,676,295						3,561,486	3,561,486			
1826	Tampa	FL		11/05/2013	07/27/2022	3,314,043						3,197,114	3,197,114			
1868	Beaverton	OR		06/26/2014	07/01/2022	284,494						172,016	172,016			
2034	San Marcos	CA		02/11/2016	08/12/2022	1,684,623						1,647,634	1,647,634			
2070	Huntsville	AL		05/31/2016	09/20/2022	9,222,352						9,008,460	9,008,460			
2087	Salem	OR		09/15/2016	07/28/2022	2,069,891						2,028,437	2,028,437			
2099	Spokane Valley	WA		10/04/2016	09/22/2022	4,702,431						4,522,432	4,522,432			
2104	Fontana	CA		01/10/2017	08/29/2022	1,560,044						1,508,221	1,508,221			
2126	Roswell	GA		05/01/2017	08/26/2022	2,382,172						2,344,791	2,344,791			
2135	Palm Harbor	FL		01/10/2017	07/18/2022	1,899,484						1,845,707	1,845,707			
2263	Phoenix	AZ		02/12/2018	07/27/2022	2,403,976						2,303,272	2,303,272			

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2491	Kenosha	WI		11/01/2019	08/03/2022	6,710,002						6,612,786	6,612,786			
0199999. Mortgages closed by repayment																
1395	Medley	FL		07/20/2005		2,051,010						60,007,705	60,007,705			
1399	Opal Locka	FL		07/20/2005		2,416,737										121,192
1407	Houston	TX		07/18/2005		685,160										143,002
1453	Selma	TX		06/12/2006		721,884										43,628
1497	Philadelphia	PA		01/17/2007		774,142										35,526
1507	Concord	NH		08/13/2007		1,397,389										32,991
1509	Bolingbrook	IL		07/06/2007		2,042,592										35,210
1510	Lincolnton	NC		05/22/2007		3,978,576										73,997
1517	Laredo	TX		06/15/2007		755,431										71,568
1544	Clearwater	FL		07/11/2008		4,695,401										29,533
1548	Portland	OR		07/25/2008		676,061										25,816
1553	San Mateo	CA		07/29/2008		2,137,056										33,218
1555	San Antonio	TX		09/05/2008		1,560,694										67,403
1562	Asheville	NC		09/25/2008		1,280,091										47,561
1569	Chula Vista	CA		05/28/2009		2,271,825										171,321
1583	Oxon Hill	MD		08/28/2009		576,839										61,383
1584	Laurel	MD		08/28/2009		571,154										49,898
1590	Glen Burnie	MD		10/26/2009		765,943										49,115
1596	Vancouver	WA		12/17/2009		1,403,826										62,249
1597	Spokane	WA		12/29/2009		1,080,723										34,694
1609	San Jose	CA		07/01/2010		1,866,178										82,831
1611	Van Buren Township	MI		07/12/2010		4,323,137										43,273
1615	Asheville	NC		07/21/2010		2,333,957										273,648
1620	Spokane Valley	WA		11/22/2010		966,173										148,205
1622	Saint Paul	MN		12/09/2010		230,324										18,543
1628	Asheville	NC		11/29/2010		5,832,514										53,388
1629	San Diego	CA		03/01/2011		2,942,625										132,695
1633	Seattle	WA		01/10/2011		720,621										64,218
1635	Stockton	CA		05/16/2011		1,117,105										39,978
1639	Austin	TX		02/22/2011		951,222										23,442
1640	Eugene	OR		03/14/2011		1,000,043										33,142
1647	Fletcher	NC		05/19/2011		5,166,698										53,105
1655	Kent	WA		06/15/2011		1,600,743										107,594
1660	San Jose	CA		12/01/2011		3,232,903										79,571
1665	Dallas	TX		08/18/2011		5,219,967										145,126
1666	North Canton	OH		08/22/2011		2,469,720										59,146
1668	Various	NM		10/19/2011		11,007,882										50,001
1679	Glen Ellyn	IL		11/17/2011		2,768,249										216,003
1685	Durham	NC		02/06/2012		676,662										55,853
1694	West Jefferson	NC		05/03/2012		1,749,639										63,210
1698	Minnetonka	MN		04/11/2012		1,009,310										42,626
1701	Albuquerque	NM		05/14/2012		705,467										18,677
1703	Midvale	UT		05/30/2012		1,291,821										68,492
1704	Florissant	MO		07/16/2012		2,606,916										24,142
1705	Farmers Branch	TX		07/16/2012		2,536,459										37,964
1706	Indianapolis	IN		07/16/2012		1,902,344										36,938
1718	Everett	MA		07/30/2012		1,660,917										27,703
1720	Somerville	MA		07/30/2012		1,660,917										18,406
1721	Malden	MA		07/30/2012		717,215										18,406
1724	Tallahassee	FL		09/17/2012		1,720,964										7,948
1727	Santa Fe Springs	CA		09/05/2012		3,877,814										62,438
1728	Hendersonville	NC		08/09/2012		2,502,263										28,167
1729	Santa Fe	NM		08/16/2012		1,338,051										38,214
1731	Charleston	SC		10/23/2012		1,549,975										23,621
1733	East Moline	IL		10/17/2012		3,268,781										41,920
1734	Topeka	KS		10/25/2012		5,319,715										125,538
1735	Southern Pines	NC		09/27/2012		10,834,246										94,468
1736	Monrovia	CA		11/20/2012		1,675,738										190,559
																63,965

E02.1

STATEMENT AS OF SEPTEMBER 30, 2022 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	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)					
1739	Seattle	WA		10/30/2012		1,387,243								53,603		
1740	Kirkland	WA		11/05/2012		1,732,426								65,904		
1741	Woodburn	OR		12/20/2012		2,388,616								28,939		
1742	Eugene	OR		12/20/2012		2,413,175								34,665		
1743	Indio	CA		12/20/2012		1,886,695								32,415		
1744	Carrollton	TX		12/20/2012		1,784,796								32,448		
1745	Minneapolis	MN		11/29/2012		2,143,521								39,569		
1746	Burnsville	MN		11/29/2012		2,237,564								41,305		
1747	Denver	CO		12/27/2012		2,604,961								30,215		
1748	San Antonio	TX		12/21/2012		3,275,289								55,681		
1751	Hayward	CA		01/14/2013		2,857,585								32,918		
1752	Lathrop	CA		01/14/2013		1,898,051								20,976		
1753	Carmel	CA		01/15/2013		3,724,539								42,027		
1755	Redwood City	CA		02/01/2013		12,128,963								97,225		
1757	Burnsville	MN		02/04/2013		4,341,188								49,369		
1759	Culver City	CA		04/08/2013		6,657,619								116,752		
1760	New Hope	MN		03/27/2013		615,531								22,128		
1762	Pearland	TX		04/23/2013		1,518,622								52,862		
1763	Manassas	VA		04/29/2013		4,266,727								33,977		
1770	St. Louis Park	MN		05/28/2013		1,192,181								41,174		
1771	St. Louis Park	MN		09/03/2013		3,097,574								51,977		
1773	San Jose	CA		06/03/2013		2,411,091								82,075		
1774	Carol Stream	IL		05/16/2013		1,773,144								57,171		
1775	Pacifica	CA		05/01/2013		1,906,100								66,802		
1778	Tacoma	WA		06/13/2013		6,923,125								115,073		
1780	Norman	OK		05/14/2013		2,908,339								31,783		
1781	Edmond	OK		05/14/2013		1,607,240								17,564		
1782	Yukon	OK		05/14/2013		1,989,916								21,746		
1785	Coconut Creek	FL		06/27/2013		3,653,159								29,471		
1786	San Leandro	CA		07/01/2013		3,127,047								24,429		
1788	Houston	TX		06/03/2013		2,991,431								101,403		
1790	Dallas	TX		07/24/2013		5,416,359								93,423		
1791	Anchorage	AK		08/01/2013		2,014,364								12,921		
1793	Portland	OR		07/25/2013		3,479,220								38,289		
1794	Milwaukee	WI		07/25/2013		3,469,928								59,345		
1795	San Diego	CA		08/08/2013		855,857								9,004		
1796	Perris	CA		08/09/2013		3,676,296								38,676		
1797	Hopewell	VA		08/15/2013		2,059,059								34,702		
1798	Cleveland	OH		10/03/2013		7,696,388								79,856		
1799	Baltimore	MD		08/13/2013		8,510,667								91,025		
1800	Houston	TX		08/19/2013		3,108,558								32,817		
1802	Palo Alto	CA		07/25/2013		6,201,030								133,878		
1806	Schertz	TX		09/12/2013		3,298,675								54,464		
1807	El Paso	TX		10/24/2013		1,681,717								51,020		
1808	Cleveland	OH		08/29/2013		1,883,417								60,970		
1812	Totowa	NJ		09/26/2013		3,612,829								34,975		
1813	Reston	VA		11/07/2013		3,185,172								31,475		
1814	Petaluma	CA		10/30/2013		9,676,888								92,593		
1815	Ellicott City	MD		10/29/2013		3,314,370								33,608		
1816	Eldersburg	MD		10/29/2013		3,511,654								35,609		
1818	Lakewood	CO		11/13/2013		7,125,518								71,748		
1822	Compton	CA		11/07/2013		1,034,056								10,255		
1823	Keizer	OR		12/03/2013		2,235,027								34,591		
1825	Kingwood	TX		01/22/2014		5,418,121								83,098		
1826	Tampa	FL		11/05/2013		3,314,044								16,927		
1827	Bellevue	WA		12/23/2013		3,182,193								30,332		
1830	Millbrae	CA		12/16/2013		4,354,835								54,647		
1831	Asheville	NC		05/29/2014		7,190,444								96,924		
1832	Coconut Creek	FL		12/09/2013		4,121,720								28,095		
1833	Miami	FL		03/12/2014		6,416,528								49,105		

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
1836	Garfield Heights	OH		01/30/2014		6,382,651								93,396		
1837	Brea	CA		07/01/2014		2,992,247								20,434		
1838	Azusa	CA		07/01/2014		2,393,798								16,347		
1839	Huntington Beach	CA		07/01/2014		7,694,351								52,546		
1840	Oxnard	CA		07/01/2014		4,274,640								29,192		
1841	Redlands	CA		07/01/2014		2,564,784								17,515		
1842	Lake Forest	CA		07/01/2014		5,129,567								35,030		
1843	Camarillo	CA		07/01/2014		5,557,031								37,950		
1844	Camarillo	CA		07/01/2014		6,497,452								44,372		
1845	Santee	CA		07/01/2014		940,421								6,422		
1847	Sun City West	AZ		03/27/2014		4,051,194								38,919		
1848	Lynnwood	WA		04/29/2014		1,211,650								107,259		
1849	Annapolis	MD		04/17/2014		5,098,697								48,546		
1853	Victor	NY		07/01/2014		1,858,758								26,953		
1855	Hanover	MD		05/15/2014		2,417,122								23,345		
1856	Roseville	MD		04/10/2014		1,362,499								39,673		
1857	Totowa	NJ		05/20/2014		1,651,951								14,875		
1858	Rockville	MD		05/12/2014		4,885,534								45,678		
1859	Silver Spring	MD		04/01/2014		7,042,334								109,551		
1860	Silver Spring	MD		04/01/2014		862,326								13,414		
1861	Silver Spring	MD		04/01/2014		5,173,960								80,487		
1864	Frisco	TX		04/29/2014		4,495,011								41,277		
1869	The Woodlands	TX		06/25/2014		3,024,230								29,414		
1870	Lincoln	NE		09/10/2014		12,144,064								179,083		
1872	Akron	OH		07/15/2014		2,886,000								44,898		
1877	Hayward	CA		07/30/2014		1,363,217								13,590		
1878	Woodbridge	VA		09/09/2014		2,784,399								27,396		
1881	Joppa	MD		09/02/2014		1,953,240								18,634		
1882	Avon Park	FL		10/30/2014		11,255,203								104,061		
1883	Manchester	NY		10/30/2014		2,300,333								21,268		
1889	Chanhassen	MN		08/18/2014		2,185,281								33,377		
1890	Bel Air	MD		09/29/2014		2,419,969								23,855		
1892	Edwardsville	IL		09/25/2014		8,979,602								86,495		
1893	Ladue	MO		10/02/2014		5,966,191								57,538		
1895	Cheektowaga	NY		12/05/2014		4,252,512								40,452		
1897	Tukwila	WA		10/29/2014		1,108,832								92,630		
1899	Rochester	NY		10/07/2014		2,701,707								74,532		
1916	New Braunfels	TX		12/04/2014		6,278,446								41,496		
1920	Greenfield	WI		12/15/2014		3,856,805								103,619		
1921	Lewis Center	OH		02/12/2015		3,689,149								95,199		
1925	Santee	CA		04/01/2015		2,402,244								34,949		
1934	Mountlake Terrace	WA		12/17/2014		4,698,975								70,050		
1935	District Heights	MD		01/28/2015		4,532,912								43,058		
1936	Sylmar	CA		02/05/2015		2,942,949								28,355		
1939	Brecksville	OH		04/06/2015		1,246,635								16,733		
1940	Poland	OH		02/26/2015		2,567,434								36,652		
1941	West Allis	WI		02/17/2015		839,601								21,853		
1942	Wilmington	DE		05/11/2015		6,217,360								57,641		
1943	Pasadena	TX		03/26/2015		5,462,295								78,735		
1946	Mesa	AZ		05/14/2015		3,315,925								30,742		
1947	Pembroke Park	FL		01/23/2015		18,127,928								112,375		
1948	Pembroke Park	FL		01/23/2015		2,310,422								14,322		
1949	Pembroke Park	FL		01/23/2015		888,624								5,509		
1952	Brecksville	OH		04/29/2015		1,963,816								19,081		
1953	New Castle	DE		04/14/2015		3,241,492								31,135		
1954	Abingdon	MD		04/10/2015		12,678,648								83,888		
1956	Aliso Viejo	CA		04/29/2015		2,232,870								33,332		
1957	Frisco	TX		05/18/2015		2,501,301								35,787		
1958	Various	WI		05/18/2015		4,284,223								82,066		
1960	Park City	UT		05/27/2015		2,810,713								26,364		

E02.3

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
1961	Mauldin	SC		05/19/2015		3,934,937								36,588		
1962	Orion Township	MI		05/13/2015		3,709,343								93,492		
1963	Annapolis	MD		06/17/2015		4,184,867								60,977		
1965	San Diego	CA		06/08/2015		2,124,696								14,541		
1966	San Diego	CA		06/08/2015		2,861,836								19,586		
1967	Calabasas	CA		06/26/2015		1,813,521								12,716		
1968	San Antonio	TX		05/27/2015		1,515,174								21,707		
1969	Issaquah	WA		06/10/2015		2,426,411								34,836		
1970	Danville	CA		07/01/2015		2,525,855								16,849		
1971	Los Angeles	CA		08/13/2015		4,547,503								30,957		
1972	Los Angeles	CA		08/18/2015		2,353,074								15,689		
1973	Santa Fe Springs	CA		08/13/2015		1,849,463								12,590		
1974	Grapevine	TX		06/11/2015		2,367,653								33,334		
1975	Sparks	MD		06/16/2015		5,578,454								51,086		
1979	Livermore	CA		07/10/2015		2,772,215								19,240		
1980	Hood River	OR		07/10/2015		4,418,218								30,663		
1981	Seattle	WA		07/01/2015		3,277,926								45,651		
1982	Greenfield	WI		06/29/2015		5,732,684								37,119		
1983	Cudahy	WI		06/29/2015		2,897,512								27,192		
1984	Lake Geneva	WI		09/01/2015		2,527,741								17,053		
1985	Germantown	MD		07/22/2015		3,676,819								34,320		
1987	Spokane	WA		07/28/2015		3,818,046								25,289		
1988	Warrenton	VA		08/17/2015		15,804,230								105,372		
1989	East Aurora	NY		08/10/2015		2,062,573								51,634		
1990	St. Louis Park	MN		08/05/2015		2,189,143								30,625		
1991	Macedonia	OH		07/23/2015		2,595,869								36,753		
1993	Anaheim	CA		07/29/2015		3,803,722								26,130		
1994	Calabasas	CA		08/18/2015		9,493,866								65,046		
1995	Fenton	MO		09/15/2015		2,334,866								40,179		
1996	Notttingham	MD		08/27/2015		3,771,543								24,472		
1997	Burnsville	MN		07/14/2015		1,995,190								18,515		
2001	Clearwater	FL		09/03/2015		14,999,975								117,072		
2002	Plymouth Township	MI		08/28/2015		2,531,104								732,140		
2003	Saint Paul	MN		09/17/2015		5,164,532								66,958		
2004	Madison	WI		08/24/2015		5,011,665								60,433		
2005	Chicago	IL		09/09/2015		1,686,857								14,869		
2006	Phoenix	AZ		08/24/2015		2,189,925								19,293		
2007	Athens	GA		10/01/2015		1,960,793								25,923		
2008	Clearwater	FL		09/24/2015		4,443,003								26,626		
2009	Ventura	CA		12/09/2015		2,618,995								33,886		
2011	Boca Raton	FL		11/19/2015		1,809,597								23,941		
2013	Kingsport	TN		12/09/2015		3,002,631								44,042		
2014	Boston	MA		11/19/2015		11,039,197								54,898		
2015	Winona	MN		12/16/2015		6,185,810								80,898		
2016	Cedarburg	WI		12/16/2015		3,000,571								39,466		
2019	Cincinnati	OH		12/15/2015		1,570,424								21,025		
2020	Shelby	OH		11/23/2015		5,551,746								46,664		
2021	Milwaukee	WI		12/16/2015		3,948,120								51,929		
2022	Miami	FL		12/10/2015		15,213,642								92,035		
2023	Hollywood	FL		11/24/2015		5,449,314								31,389		
2024	Westwood	MA		01/28/2016		6,825,415								58,571		
2025	Lynnfield	MA		12/16/2015		2,159,744								18,414		
2026	Addison	TX		12/17/2015		3,424,434								29,585		
2027	Peoria	AZ		12/14/2015		2,729,042								34,831		
2028	Dallas	TX		12/10/2015		1,355,416								11,959		
2029	Dallas	TX		02/04/2016		7,756,891								65,775		
2030	Littleton	CO		01/20/2016		6,917,598								59,243		
2031	Tustin	CA		02/18/2016		1,059,713								24,378		
2032	Des Moines	IA		01/14/2016		3,329,387								28,483		
2033	San Diego	CA		02/11/2016		2,093,537								17,468		

E02.4

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2034	San Marcos	CA		02/11/2016		1,684,623										9,353
2035	Huntington Beach	CA		02/01/2016		3,324,029										19,701
2036	Addison	TX		01/21/2016		6,476,751										85,608
2037	Wareham	MA		02/16/2016		4,562,673										37,638
2038	Louisville	KY		02/01/2016		4,857,249										41,938
2039	Independence	OH		02/24/2016		2,015,172										15,257
2040	Madison	WI		02/25/2016		2,054,674										37,554
2041	Santa Clara	CA		04/01/2016		1,580,069										36,133
2042	Greece	NY		06/30/2016		58,467,497										346,538
2043	Mukilleo	IA		03/24/2016		7,184,680										82,866
2044	Scottsdale	AZ		02/23/2016		2,225,739										18,919
2046	Freedom	PA		04/12/2016		4,167,476										35,304
2047	Jackson Township	OH		04/12/2016		4,761,803										38,689
2048	Erie	PA		08/11/2016		4,071,428										32,058
2049	Temecula	CA		06/01/2016		1,983,625										16,611
2050	Coeur d'Alene	ID		05/11/2016		4,840,827										61,079
2052	Brookfield	WI		04/25/2016		1,972,128										16,898
2053	Wauwatosa	WI		04/25/2016		2,015,000										17,265
2054	Wauwatosa	WI		04/25/2016		1,714,894										14,694
2055	Brookfield	WI		04/25/2016		1,500,532										12,857
2059	Portland	OR		04/01/2016		5,615,512										47,422
2061	Santa Clarita	CA		05/06/2016		4,113,090										25,291
2062	Green	OH		05/04/2016		11,604,078										150,667
2063	Brookhaven	GA		05/19/2016		5,162,747										115,452
2065	Chardon	OH		08/11/2016		2,609,712										21,376
2066	Cerritos	CA		05/10/2016		3,140,511										25,535
2067	Colonie	NY		05/17/2016		8,068,525										65,435
2069	Chula Vista	CA		06/06/2016		17,118,547										148,206
2070	Huntsville	AL		05/31/2016		9,222,352										72,103
2071	Huntington Beach	CA		07/07/2016		20,679,587										129,797
2072	New Hope	MN		06/01/2016		1,303,206										10,859
2073	Macon	GA		09/01/2016		2,371,978										50,541
2074	Kirkland	WA		05/23/2016		3,603,642										31,037
2075	Middle River	MD		06/29/2016		1,716,864										14,880
2076	Buffalo	NY		06/28/2016		2,102,483										13,000
2077	Greenbelt	MD		06/30/2016		14,447,252										119,967
2079	Pasadena	CA		09/08/2016		2,022,488										26,038
2080	Pembroke Pines	FL		08/22/2016		3,566,269										75,418
2081	Lauderhill	FL		08/22/2016		1,965,087										41,557
2082	Minneapolis	MN		08/15/2016		7,105,095										75,729
2083	Brookfield	WI		10/12/2016		7,385,884										90,761
2084	Broadview Heights	OH		11/10/2016		4,609,451										40,474
2085	San Antonio	TX		08/19/2016		3,371,701										28,627
2086	Hyattsville	MD		08/30/2016		3,341,532										42,927
2087	Salem	OR		09/15/2016		2,069,891										5,978
2088	Hillsboro	OR		12/19/2016		2,246,816										45,534
2090	Cincinnati	OH		08/19/2016		1,810,463										15,615
2091	Covington	KY		08/19/2016		2,418,464										20,642
2092	Elkton	MD		09/23/2016		4,585,442										39,147
2093	Peoria	AZ		08/04/2016		1,738,561										14,301
2094	Buffalo	NY		10/13/2016		2,750,568										19,693
2095	Beachwood	OH		11/03/2016		4,239,832										30,456
2096	Plymouth	MN		11/11/2016		5,415,845										46,760
2097	Seattle	WA		10/03/2016		2,778,663										17,673
2098	Catonsville	MD		08/05/2016		13,015,860										112,669
2099	Spokane Valley	WA		10/04/2016		4,702,431										60,552
2100	Williamsville	NY		12/12/2016		13,974,050										91,418
2101	Vernon Hills	IL		08/25/2016		3,410,102										31,237
2103	Ontario	CA		09/01/2016		1,761,689										23,343
2104	Fontana	CA		01/10/2017		1,560,044										13,075

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2105	San Diego	CA		02/16/2017		5,070,723										42,877
2106	San Diego	CA		02/16/2017		1,666,756										13,794
2107	Blue Springs	MO		10/11/2016		2,319,527										28,422
2108	Akron	OH		10/19/2016		18,609,841										155,679
2109	Akron	OH		10/19/2016		3,284,090										27,473
2110	North Olmsted	OH		09/29/2016		5,511,711										45,887
2111	Chula Vista	CA		09/29/2016		10,900,197										122,296
2112	High Point	NC		11/10/2016		1,550,289										19,257
2114	Pewaukee	WI		10/26/2016		2,517,593										22,352
2115	Wallingford	CT		09/01/2016		1,468,626										12,522
2116	Independence	OH		10/12/2016		3,218,175										42,630
2117	Pleasanton	CA		10/14/2016		9,319,952										82,400
2118	St. Louis	MO		11/14/2016		7,073,217										60,948
2119	Troy	MI		03/30/2017		2,381,150										19,251
2120	Depew	NY		11/17/2016		2,527,580										54,081
2122	Denver	CO		11/22/2016		3,136,319										26,230
2123	Austin	TX		12/07/2016		10,110,494										74,804
2124	Gilbert	AZ		11/08/2016		3,477,136										30,804
2126	Roswell	GA		05/01/2017		2,382,172										9,432
2127	San Diego	CA		10/31/2016		11,575,927										133,611
2128	Pleasanton	CA		11/14/2016		2,424,976										21,003
2131	Sarasota	FL		12/15/2016		1,651,490										76,025
2132	Houston	TX		12/07/2016		7,183,722										57,329
2133	Houston	TX		02/02/2017		2,390,426										29,907
2134	Lehi	UT		02/01/2017		3,049,878										26,024
2135	Palm Harbor	FL		01/10/2017		1,899,484										7,759
2137	Lorton	VA		01/10/2017		14,520,868										119,855
2138	White Marsh	MD		01/12/2017		2,179,248										18,556
2139	Indianapolis	IN		01/30/2017		5,396,112										34,605
2140	Tukwila	WA		04/06/2017		2,239,378										45,761
2141	Spring	TX		01/18/2017		2,268,946										45,164
2142	Methuen	MA		07/06/2017		8,560,072										65,453
2143	Akron	OH		02/06/2017		3,921,701										33,039
2144	Sylmar	CA		03/01/2017		7,784,939										65,616
2145	Downey	CA		02/01/2017		9,159,235										77,655
2146	San Antonio	TX		04/03/2017		9,625,698										76,879
2147	Canton	OH		02/23/2017		10,105,092										119,920
2150	Austin	TX		03/09/2017		3,952,938										32,802
2151	Delaware	OH		02/13/2017		2,549,549										32,193
2152	Webster	NY		05/08/2017		15,285,592										88,094
2153	Independence	OH		02/03/2017		3,355,164										22,509
2154	Kaukauna	WI		02/09/2017		1,934,128										15,783
2155	El Cajon	CA		03/01/2017		3,175,368										25,354
2158	Horseheads	NY		02/23/2017		2,859,002										74,164
2159	Salem	OR		07/06/2017		3,457,070										38,089
2161	Parker	CO		03/23/2017		5,516,905										31,195
2163	San Mateo	CA		04/10/2017		5,816,320										45,373
2164	Milwaukee	WI		05/18/2017		16,424,483										192,627
2165	Milwaukee	WI		05/18/2017		10,486,401										122,965
2167	Baltimore	MD		04/05/2017		1,865,064										14,533
2171	El Paso	TX		07/03/2017		12,854,684										192,737
2174	Boston	MA		05/03/2017		5,548,560										43,884
2175	Maple Valley	WA		04/27/2017		2,719,887										32,516
2176	El Cajon	CA		05/18/2017		5,337,304										41,611
2177	Milwaukee	WI		05/18/2017		10,379,818										107,308
2178	Colonie	NY		11/30/2017		37,131,335										200,276
2181	Kirkland	WA		05/01/2017		2,909,006										23,867
2182	Richmond	CA		06/01/2017		3,250,980										37,676
2183	Jackson Township	OH		06/15/2017		7,970,544										65,908
2184	Cutler Ridge	FL		07/18/2017		4,175,390										31,091

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2185	Richmond	VA		05/23/2017		2,705,172								15,304		
2186	Houston	TX		06/12/2017		4,111,450								31,330		
2188	Sandusky	OH		06/29/2017		1,691,526								19,662		
2189	Norwalk	CA		05/25/2017		4,523,398								36,013		
2190	Rancho Santa Margari	CA		12/01/2017		2,095,763								15,452		
2191	Cincinnati	OH		07/27/2017		3,380,494								18,761		
2192	Vernon	CA		07/13/2017		3,175,918								21,087		
2193	Eagle River	AK		08/31/2017		4,735,672								134,604		
2194	Carrollton	TX		07/13/2017		2,466,734								28,191		
2198	Woodinville	WA		07/17/2017		3,467,433								27,826		
2200	Wilmington	NC		08/01/2017		3,111,799								24,972		
2202	Lincoln	NE		11/01/2017		3,885,202								30,020		
2203	York	PA		08/01/2017		4,101,575								32,229		
2204	Eagan	MN		12/14/2017		15,944,669								186,158		
2205	Ocean City	NJ		09/01/2017		3,620,254								70,216		
2206	Las Vegas	NV		08/29/2017		5,282,656								38,798		
2208	Charlestown	MA		01/25/2018		2,025,386								16,090		
2209	Dallas	TX		09/05/2017		2,953,229								37,593		
2210	Scottsdale	AZ		08/15/2017		9,778,778								79,586		
2211	New Berlin	WI		08/14/2017		5,999,486								116,835		
2212	Madison	WI		07/31/2017		4,155,425								32,111		
2213	Sheffield	OH		10/18/2017		2,957,690								23,269		
2214	Alexandria	VA		08/23/2017		6,069,674								47,941		
2215	Towson	MD		11/06/2017		5,758,015								44,580		
2217	Hockessin	DE		12/05/2017		12,464,947								97,910		
2218	Westmont	IL		08/30/2017		10,215,322								82,772		
2219	Lincoln	MA		09/27/2017		4,750,980								53,921		
2220	Flagstaff	AZ		08/17/2017		4,352,008								84,408		
2221	Fairlawn	OH		10/11/2017		4,466,309								83,839		
2222	Louisville	CO		12/13/2017		4,336,394								32,923		
2223	Sacramento	CA		10/13/2017		2,770,397								22,289		
2224	Hockessin	DE		10/05/2017		2,275,189								18,530		
2225	Roslyn	NY		10/05/2017		4,243,957								50,807		
2226	Alsip	IL		09/14/2017		5,738,044								44,402		
2227	Willowbrook	IL		10/10/2017		7,361,594								70,955		
2228	Hyattsville	MD		10/17/2017		3,230,720								25,161		
2229	Highland	CA		10/30/2017		3,146,043								22,572		
2231	San Diego	CA		01/04/2018		3,143,773								23,946		
2234	Norwalk	CA		12/21/2017		9,687,992								251,927		
2235	Lutherville-Timonium	MD		12/06/2017		10,895,683								122,554		
2236	Overland Park	KS		02/01/2018		7,424,066								83,783		
2238	Louisville	KY		11/13/2017		3,633,348								27,573		
2239	Mesa	AZ		11/02/2017		3,926,322								19,209		
2240	Houston	TX		01/10/2018		2,259,299								17,367		
2241	Reading	MA		05/01/2018		4,837,859								27,612		
2243	Sacramento	CA		12/21/2017		2,250,861								17,582		
2244	Vienna	OH		01/11/2018		7,494,841								58,006		
2246	St. Louis	MO		01/17/2018		2,991,907								54,615		
2247	Tacoma	WA		12/18/2017		10,247,549								180,899		
2248	Newark	DE		12/15/2017		4,810,688								36,524		
2249	South El Monte	CA		02/08/2018		3,148,666								18,335		
2250	Kirkland	WA		01/24/2018		3,691,718								29,261		
2251	Palm Desert	CA		02/13/2018		3,983,676								30,618		
2253	Silverton	OR		03/12/2018		5,235,488								38,870		
2254	Milwaukee	WI		01/31/2018		6,176,119								40,281		
2255	St. Peters	MO		04/13/2018		5,539,656								30,223		
2257	Eugene	OR		04/02/2018		2,539,686								44,956		
2258	Sandusky	OH		02/23/2018		2,717,319								29,818		
2259	Stow	OH		02/28/2018		6,215,529								35,464		
2260	Northbrook	IL		02/27/2018		4,216,074								31,998		

STATEMENT AS OF SEPTEMBER 30, 2022 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
2261	Northbrook	IL		02/27/2018		3,636,068										26,968	
2262	San Diego	CA		02/15/2018		5,915,729										45,832	
2263	Phoenix	AZ		02/12/2018		2,403,976										14,525	
2267	Morristown	NJ		03/05/2018		10,214,879										58,590	
2268	Morristown	NJ		03/05/2018		3,575,208										20,506	
2274	Salt Lake City	UT		02/06/2018		1,965,152										22,957	
2275	Norcross	GA		03/29/2018		3,033,988										34,734	
2276	San Leandro	CA		03/13/2018		2,822,476										21,126	
2277	Denver	CO		02/27/2018		5,792,151										44,670	
2278	Fullerton	CA		02/27/2018		4,187,779										23,001	
2279	Indian Wells	CA		03/20/2018		2,099,888										37,573	
2280	Indianapolis	IN		04/30/2018		20,452,803										108,801	
2281	Houston	TX		03/21/2018		4,844,835										33,703	
2283	Tukwila	WA		06/12/2018		3,388,395										25,065	
2284	Nashville	TN		02/28/2018		6,432,048										46,046	
2285	Liberty	MO		03/22/2018		1,750,448										18,912	
2286	Firestone	CO		04/04/2018		7,486,447										35,726	
2287	Poland	OH		04/30/2018		7,923,964										59,647	
2288	Houston	TX		03/16/2018		6,101,093										42,440	
2289	Greensboro	NC		04/02/2018		3,574,732										25,436	
2290	Brentwood	CA		04/05/2018		4,412,350										32,607	
2291	Arlington	VA		07/02/2018		6,941,680										34,451	
2292	Boulder	CO		05/30/2018		30,766,618										152,519	
2294	Las Vegas	NV		05/03/2018		3,437,751										24,726	
2296	Waite Park	MN		05/30/2018		3,689,219										63,964	
2297	San Diego	CA		05/30/2018		19,709,216										102,069	
2299	Houston	TX		04/20/2018		6,888,581										47,778	
2300	Riverdale	MD		06/21/2018		4,785,168										33,690	
2301	Alexandria	VA		05/16/2018		3,351,142										23,737	
2302	Springfield	VA		05/16/2018		2,166,766										15,348	
2303	Omaha	NE		07/02/2018		8,286,181										59,100	
2305	Los Angeles	CA		06/21/2018		4,001,373										18,417	
2306	Freedom	PA		05/31/2018		6,439,372										44,704	
2307	Newark	CA		06/27/2018		2,940,714										21,000	
2308	Marietta	GA		07/02/2018		2,491,629										17,333	
2310	Fairfield	OH		07/18/2018		1,963,628										19,777	
2311	Phoenix	AZ		07/19/2018		11,801,038										90,961	
2312	Northbrook	IL		10/31/2018		3,760,276										39,050	
2314	Lake Forest	IL		07/09/2018		3,234,798										22,130	
2317	Laurel	MD		08/08/2018		15,995,679										111,002	
2318	Laurel	MD		08/08/2018		16,929,298										116,780	
2320	Miami	FL		08/02/2018		6,217,936										65,987	
2321	Pikesville	MD		08/13/2018		3,425,761										23,405	
2322	Beltsville	MD		07/25/2018		8,468,424										60,543	
2323	Houston	TX		08/22/2018		2,235,020										22,625	
2327	Silverdale	WA		08/01/2018		3,903,194										27,123	
2328	Bloomfield	NJ		07/26/2018		6,637,050										46,724	
2329	Brookfield	WI		07/11/2018		7,623,595										34,603	
2330	Montclair	VA		08/27/2018		7,288,703										48,307	
2333	San Diego	CA		09/20/2018		2,917,997										29,095	
2334	Eugene	OR		08/27/2018		15,848,267										76,926	
2337	Danville	CA		08/29/2018		14,332,003										70,179	
2338	Concord	CA		08/29/2018		1,932,490										9,941	
2339	Danville	CA		08/29/2018		5,411,300										27,054	
2340	Tustin	CA		10/23/2018		2,319,984										16,061	
2341	Waukesha	WI		09/28/2018		2,415,313										16,185	
2342	Waconia	MN		09/10/2018		3,360,337										55,611	
2345	Roseville	MN		09/28/2018		3,619,138										36,654	
2347	Santa Clarita	CA		10/18/2018		3,908,943										26,129	
2348	Lakewood Ranch	FL		11/06/2018		1,772,999										11,708	

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2349	New York	NY		11/13/2018		7,965,752										48,739
2350	New York	NY		11/13/2018		7,965,752										48,739
2351	New York	NY		11/13/2018		4,779,451										29,243
2353	New York	NY		12/14/2018		5,882,058										38,200
2354	New York	NY		12/14/2018		2,800,177										18,833
2355	Philadelphia	PA		12/07/2018		3,710,000										36,764
2356	Schaumburg	IL		11/15/2018		4,088,677										65,409
2362	Menomonee falls	WI		11/30/2018		2,699,873										18,357
2367	St. Louis	MO		12/07/2018		4,741,075										47,789
2368	Martinsville	IN		11/14/2018		3,188,923										13,449
2369	Woodinville	WA		12/10/2018		6,202,922										42,076
2370	Edgewood	MD		11/30/2018		10,335,802										51,547
2371	Sugar Land	TX		01/18/2019		2,548,583										16,512
2373	Owings Mills	MD		12/19/2018		10,764,655										106,960
2374	San Antonio	TX		07/11/2019		6,610,452										79,273
2375	Pasadena	MD		12/12/2018		19,913,065										131,170
2376	Burlingame	CA		12/14/2018		9,496,025										47,256
2378	San Diego	CA		12/19/2018		7,598,159										37,695
2379	Chula Vista	CA		12/19/2018		9,980,433										48,828
2381	Henderson	NV		12/19/2018		7,175,157										45,158
2382	Chantilly	VA		11/30/2018		2,709,498										17,609
2383	Greendale	WI		12/03/2018		3,409,746										55,290
2384	Chicago	IL		02/07/2019		3,327,540										54,256
2385	Sheffield Village	OH		02/11/2019		11,941,429										130,265
2386	Portland	OR		02/04/2019		6,910,707										108,394
2387	El Paso	TX		02/21/2019		18,909,274										234,986
2388	Lincoln Park	NJ		02/06/2019		5,636,648										26,278
2390	El Paso	TX		01/31/2019		4,734,969										72,376
2391	Barrington	IL		01/16/2019		5,356,428										52,660
2392	San Antonio	TX		02/21/2019		2,380,096										35,975
2394	West Hempstead	NY		04/01/2019		15,000,000										60,683
2395	New Brighton	MN		03/01/2019		7,173,427										71,960
2396	Seattle	WA		03/11/2019		1,711,830										25,221
2397	Auburn Hills	MI		03/15/2019		2,970,843										33,858
2399	Falls Church	VA		03/28/2019		21,448,097										107,061
2400	Fairfax	VA		03/28/2019		8,563,594										44,229
2401	Decatur	TX		02/28/2019		2,810,224										43,839
2402	Portland	OR		03/14/2019		5,405,963										53,082
2403	Algonquin	IL		06/25/2019		6,230,625										53,194
2404	Studio City	CA		03/29/2019		5,613,911										28,994
2405	Salinas	CA		05/01/2019		4,202,075										20,770
2406	Cincinnati	OH		03/19/2019		1,335,309										6,593
2407	Springfield	VA		04/22/2019		1,911,083										9,343
2412	Louisville	CO		05/01/2019		8,603,219										41,732
2413	New Castle	PA		05/30/2019		9,858,699										69,652
2414	Round Rock	TX		07/03/2019		5,583,074										36,746
2415	West Chicago	IL		05/08/2019		4,146,154										27,575
2416	Rocklin	CA		06/07/2019		2,100,000										5,531
2419	Hanover	MD		05/31/2019		5,740,446										38,943
2420	Towson	MD		06/17/2019		481,764										3,170
2421	Gardena	CA		09/10/2019		5,095,033										25,338
2422	Plymouth	MI		05/24/2019		5,836,260										55,952
2425	Buffalo	NY		05/31/2019		3,825,602										18,871
2428	Arbutus	MD		07/01/2019		7,716,510										53,814
2433	Eugene	OR		07/19/2019		15,794,794										99,998
2434	Evans	CO		10/01/2019		12,992,673										62,895
2435	Euclid	OH		09/24/2019		5,011,292										48,214
2436	Miami Gardens	FL		07/26/2019		5,187,005										36,016
2438	Kissimmee	FL		06/28/2019		5,457,364										27,080
2441	Pasadena	TX		08/05/2019		6,027,158										39,662

E02.9

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2442	Madison	WI		07/31/2019		3,248,918								23,065		
2444	Williamsville	NY		07/23/2019		7,997,530								40,551		
2445	Brecksville	OH		09/17/2019		8,158,057								79,449		
2450	Clearwater	FL		10/03/2019		2,126,760								14,522		
2452	Independence	OH		07/30/2019		2,904,085								45,461		
2453	Rehoboth Beach	DE		10/06/2019		9,251,141								60,087		
2454	Smyrna	DE		11/01/2019		12,341,430								59,061		
2455	Charlotte	NC		08/12/2019		4,134,658								43,113		
2460	Lincoln	NE		08/16/2019		2,452,552								17,487		
2461	Sacramento	CA		09/09/2019		6,180,896								29,401		
2462	Madison	WI		12/03/2019		9,384,314								50,387		
2463	Longwood	FL		08/29/2019		14,859,544								76,156		
2465	Nashville	TN		10/29/2019		4,905,135								50,231		
2466	Myrtle Beach	SC		10/21/2019		4,934,665								24,994		
2467	Fort Myers	FL		10/17/2019		1,880,478								18,101		
2468	San Diego	CA		10/25/2019		5,841,890								58,508		
2469	Azusa	CA		11/07/2019		5,002,100								33,163		
2470	Tacoma	WA		09/18/2019		18,590,284								131,138		
2472	Davenport	IA		11/27/2019		3,982,442								28,783		
2473	Alpharetta	GA		09/26/2019		5,597,979								73,695		
2474	El Paso	TX		12/16/2019		3,311,852								48,083		
2475	Belleveue	WA		10/23/2019		1,671,750								16,434		
2477	Williamsville	NY		11/07/2019		5,487,880								68,322		
2478	Westchester	IL		10/15/2019		5,305,307								37,606		
2479	San Diego	CA		10/30/2019		5,018,861								35,841		
2480	Seattle	WA		09/30/2019		3,421,139								17,622		
2482	Glen Burnie	MD		10/30/2019		9,647,357								831,484		
2483	Des Moines	IA		12/03/2019		2,613,688								18,791		
2484	Pasadena	CA		10/23/2019		16,737,441								96,320		
2485	Spring Hill	FL		10/24/2019		5,543,282								30,088		
2486	Jensen Beach	FL		10/31/2019		4,392,428								23,842		
2487	Vernon Hills	IL		10/28/2019		2,783,619								27,672		
2488	Columbia	SC		10/29/2019		5,309,722								30,370		
2489	Seguin	TX		11/21/2019		7,648,132								51,848		
2491	Kenosha	WI		11/01/2019		6,710,002								24,510		
2492	Greenwood	MN		12/05/2019		3,807,981								26,570		
2493	Acworth	GA		12/20/2019		5,272,780								37,640		
2494	Riverside	CA		11/15/2019		7,279,044								55,326		
2495	Richardson	TX		12/11/2019		6,527,476								181,144		
2496	Pewaukee	WI		12/05/2019		5,125,657								51,645		
2497	Des Plaines	IL		12/12/2019		1,921,029								14,157		
2498	Omaha	NE		12/02/2019		6,700,000								33,186		
2499	Central Islip	NY		12/16/2019		2,307,730								35,708		
2501	Richmond	VA		12/16/2019		4,749,071								75,377		
2503	Charlotte	NC		01/13/2020		1,473,765								15,191		
2504	Redmond	WA		01/31/2020		9,496,875								71,898		
2507	Capitol Heights	MD		02/05/2020		4,073,673								26,996		
2508	District Heights	MD		01/29/2020		1,090,569								7,263		
2509	Chantilly	VA		01/29/2020		3,382,126								22,879		
2510	Laurel	MD		02/05/2020		3,188,256								21,129		
2511	Glen Burnie	MD		02/05/2020		8,942,208								59,260		
2512	Capitol Heights	MD		02/05/2020		2,980,736								19,753		
2513	District Heights	MD		02/05/2020		993,579								6,585		
2514	Forestville	MD		01/29/2020		1,685,425								11,225		
2515	District Heights	MD		01/29/2020		1,561,496								10,400		
2516	Beltsville	MD		02/05/2020		993,579								6,585		
2517	Capitol Heights	MD		01/29/2020		2,974,279								19,809		
2518	Manassas	VA		01/29/2020		3,181,349								21,188		
2519	Des Plaines	IL		01/30/2020		2,073,835								21,198		
2520	Irving	TX		01/15/2020		1,519,651								10,522		

E02.10

STATEMENT AS OF SEPTEMBER 30, 2022 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)					
2521	Houston	TX		02/14/2020		1,922,449								19,040		
2524	Sunnyvale	CA		02/10/2020		3,324,828								22,577		
2525	Winston Salem	NC		02/12/2020		24,126,920								162,583		
2526	West Berlin	NJ		02/19/2020		7,383,010								73,122		
2527	West Berlin	NJ		02/19/2020		3,257,983								32,267		
2528	Sartell	MN		03/02/2020		1,708,847								26,250		
2530	Franklin	WI		03/05/2020		14,779,591								81,776		
2532	Cary	NC		02/26/2020		8,893,023								47,413		
2533	Concord	CA		02/20/2020		3,172,444								49,078		
2536	Brooklyn Park	MN		03/31/2020		2,512,724								13,730		
2537	New Castle	DE		03/06/2020		4,502,076								31,304		
2540	Scotts Valley	CA		04/03/2020		7,736,466								76,841		
2542	Murfreesboro	TN		04/30/2020		6,339,679								34,758		
2543	Phoenix	AZ		04/28/2020		1,281,461								7,181		
2544	Phoenix	AZ		04/28/2020		2,973,956								16,666		
2545	San Antonio	TX		07/29/2020		2,479,360								17,207		
2546	Kent	OH		05/15/2020		5,135,227								37,400		
2547	Stow	OH		05/07/2020		1,950,662								13,853		
2548	Wichita	KS		04/30/2020		17,032,992								93,677		
2549	Sartell	MN		04/30/2020		2,301,996								35,531		
2552	Brentwood	TN		05/26/2020		8,428,175								47,244		
2555	Tampa	FL		05/18/2020		2,011,158								10,857		
2559	Philadelphia	PA		05/21/2020		16,300,000								106,147		
2560	Jupiter	FL		06/12/2020		2,452,149								17,994		
2563	Tulsa	OK		06/04/2020		6,641,703								102,260		
2565	Salem	OR		05/29/2020		8,367,374								47,345		
2566	Newark	DE		08/10/2020		4,966,848								48,618		
2568	Mendota Heights	MN		08/26/2020		16,928,615								119,149		
2569	El Paso	TX		08/28/2020		4,769,545								69,036		
2570	Farmington Hills	MI		08/25/2020		2,643,811								25,257		
2571	Bothell	WA		09/22/2020		4,599,412								44,753		
2572	Highland	IN		09/10/2020		1,431,685								11,039		
2573	Houston	TX		09/15/2020		2,533,861								37,023		
2574	Hazle Township	PA		09/24/2020		26,713,274								438,848		
2575	Orchard Park	NY		11/30/2020		27,420,274								149,979		
2576	Seattle	WA		09/10/2020		2,593,349								23,766		
2577	Menlo Park	CA		09/03/2020		6,107,260								31,866		
2578	East Amherst	NY		09/01/2020		2,709,812								18,830		
2579	Williamsville	NY		09/01/2020		2,224,394								15,756		
2581	Washington	DC		09/17/2020		3,829,310								37,991		
2582	Sterling Heights	MI		10/26/2020		16,803,910								379,207		
2583	Glen Burnie	MD		09/16/2020		2,811,750								19,690		
2584	East Elmhurst	NY		09/18/2020		2,719,779								17,993		
2585	New York	NY		09/18/2020		1,529,876								10,121		
2589	Pembroke Park	FL		10/27/2020		4,360,172								61,595		
2591	Orlinda	TN		09/30/2020		1,414,619								35,633		
2592	Webster Groves	MO		11/24/2020		3,678,033								18,712		
2596	Lutherville-Timonium	MD		10/23/2020		7,686,211								42,131		
2597	Newark	DE		01/15/2021		6,581,762								36,557		
2598	El Monte	CA		10/30/2020		2,835,195								15,501		
2599	Houston	TX		11/13/2020		3,112,118								22,710		
2600	Houston	TX		11/13/2020		2,236,835								16,323		
2601	St. Louis Park	MN		11/02/2020		1,762,732								9,641		
2602	San Jose	CA		11/05/2020		4,186,616								29,399		
2603	Houston	TX		11/30/2020		2,921,968								20,255		
2604	Owasso	OK		10/09/2020		3,498,831								24,263		
2605	Dublin	OH		11/20/2020		12,956,417								89,236		
2606	Saint Paul	MN		10/30/2020		7,497,299								52,235		
2608	Pittsford	NY		12/28/2020		12,452,627								84,228		
2609	Rochester	NY		12/28/2020		10,987,612								74,319		

STATEMENT AS OF SEPTEMBER 30, 2022 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
2610	Tempe	AZ		11/19/2020		4,576,911										31,933	
2611	San Antonio	TX		11/30/2020		6,529,277										44,390	
2612	New Berlin	WI		01/11/2021		5,473,881										39,055	
2613	Barre	VT		12/14/2020		6,435,353										158,642	
2614	Charlotte	NC		11/13/2020		1,637,001										16,289	
2615	Marysville	WA		12/21/2020		4,488,203										31,563	
2616	Vista	CA		11/03/2020		3,914,238										22,135	
2618	Fort Lauderdale	FL		12/18/2020		3,181,186										61,644	
2619	Edina	MN		11/24/2020		2,701,564										25,595	
2621	Savannah	GA		02/02/2021		10,072,298										53,880	
2622	Miami	FL		12/11/2020		2,898,537										28,593	
2623	Centennial	CO		12/15/2020		12,064,502										66,337	
2624	Medford	MA		12/15/2020		12,072,657										64,185	
2625	San Jose	CA		12/18/2020		3,430,261										19,594	
2626	Laurel	MD		01/25/2021		3,735,150										20,092	
2627	Palo Alto	CA		01/14/2021		4,915,244										26,270	
2628	Lancaster	PA		01/26/2021		4,879,614										68,494	
2629	Sauk Rapids	MN		03/01/2021		4,917,996										28,082	
2630	Draper	UT		03/04/2021		11,785,819										82,735	
2631	Bellevue	WA		03/04/2021		5,401,834										37,920	
2632	Westerville	OH		01/28/2021		1,860,542										18,393	
2633	Houston	TX		02/10/2021		5,687,328										38,834	
2634	Van Nuys	CA		03/29/2021		5,614,201										32,954	
2635	Oklahoma City	OK		01/29/2021		14,721,789										85,751	
2636	Norman	OK		04/30/2021		23,763,913										235,608	
2637	Bellevue	WA		03/30/2021		5,598,961										39,049	
2640	Seattle	WA		02/25/2021		8,665,902										63,137	
2642	Dublin	OH		02/11/2021		2,839,346										20,793	
2643	Los Angeles	CA		03/15/2021		6,039,334										61,709	
2645	Seattle	WA		02/25/2021		2,741,754										19,976	
2646	Hyattsville	MD		04/30/2021		2,561,635										16,977	
2647	Fairfax	VA		03/29/2021		5,308,804										35,363	
2648	Silver Spring	MD		03/29/2021		3,145,958										20,956	
2649	Reston	VA		03/29/2021		7,766,583										51,734	
2650	Alexandria	VA		03/29/2021		5,800,360										38,637	
2652	Philadelphia	PA		03/23/2021		12,341,006										61,652	
2653	Melville	NY		03/26/2021		13,115,808										71,083	
2654	Fairborn	OH		02/26/2021		5,858,171										57,300	
2655	Reynoldsburg	OH		02/26/2021		4,134,264										40,438	
2656	Cuyahoga Falls	OH		02/26/2021		2,220,757										21,722	
2657	Miamisburg	OH		02/26/2021		3,562,546										34,846	
2658	Lutherville-Timonium	MD		04/01/2021		2,642,676										13,486	
2659	Ridgewood	NY		04/19/2021		6,919,490										35,562	
2660	Wood Dale	IL		04/15/2021		2,913,934										15,878	
2661	Westlake	OH		04/30/2021		3,344,746										24,295	
2662	Medina	OH		04/30/2021		3,123,402										22,687	
2663	Berea	OH		04/30/2021		1,721,560										12,505	
2664	Medina	OH		04/30/2021		1,377,248										10,004	
2665	Dublin	OH		05/24/2021		8,785,858										58,786	
2666	Shorewood	MN		05/03/2021		7,850,498										76,636	
2668	Allentown	PA		04/16/2021		5,295,129										28,576	
2669	Toms River	NJ		04/16/2021		3,793,822										20,474	
2670	Tallahassee	FL		08/17/2021		4,402,655										99,482	
2671	Tacoma	WA		05/19/2021		2,003,123										18,955	
2673	Chino	CA		05/17/2021		8,830,911										86,638	
2674	Oak Creek	WI		05/17/2021		1,510,514										10,040	
2675	Hartland	WI		06/01/2021		2,895,153										19,243	
2676	North Olmsted	OH		08/16/2021		12,831,128										173,033	
2677	Spring Lake	NC		05/03/2021		8,832,170										86,047	
2678	Vienna	OH		06/01/2021		10,820,460										92,235	

STATEMENT AS OF SEPTEMBER 30, 2022 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
2679	COLUMBIA	SC		06/15/2021		1,757,913										16,674	
2680	Fayetteville	NC		06/09/2021		7,263,590										53,020	
2683	Camp Hill	PA		06/07/2021		2,227,305										25,998	
2684	EDISON	NJ		06/18/2021		6,132,620										41,540	
2685	Waterford	CT		06/29/2021		5,834,801										40,155	
2687	Cincinnati	OH		05/26/2021		1,287,136										6,618	
2688	San Diego	CA		09/01/2021		5,165,081										35,720	
2689	Solana Beach	CA		09/01/2021		5,562,395										38,468	
2693	Salem	OR		06/30/2021		7,636,154										39,351	
2694	Hermitage	PA		06/30/2021		4,139,700										37,277	
2695	Brooklyn Center	MN		06/30/2021		2,992,888										41,327	
2696	Lansing	MI		08/17/2021		6,444,543										56,994	
2697	Waukesha	WI		07/22/2021		10,067,265										101,475	
2698	Brownstown Township	MI		06/30/2021		7,931,248										42,301	
2699	Kalamazoo	MI		06/30/2021		2,974,868										15,482	
2700	Westland	MI		06/30/2021		3,033,702										16,180	
2701	Seattle	WA		10/12/2021		3,193,150										21,010	
2702	Brentwood	TN		07/20/2021		1,975,733										10,204	
2703	Costa Mesa	CA		08/02/2021		2,536,907										13,394	
2704	Garland	TX		08/03/2021		6,366,744										34,002	
2705	Houston	TX		07/28/2021		2,974,459										19,678	
2707	La Habra	CA		08/24/2021		6,906,805										95,270	
2708	Kansas City	MO		08/30/2021		4,321,720										79,832	
2709	Homestead	FL		09/09/2021		8,168,115										186,090	
2713	Bellevue	WA		08/05/2021		3,468,798										31,971	
2714	Madison Heights	MI		08/09/2021		4,558,632										42,362	
2715	Sykesville	MD		09/13/2021		1,486,819										20,203	
2716	Sykesville	MD		09/13/2021		2,577,152										35,019	
2717	Wheeling	IL		09/09/2021		1,590,853										14,074	
2718	Burr Ridge	IL		12/15/2021		1,700,000										15,378	
2719	Elmhurst	IL		12/15/2021		3,100,000										28,042	
2720	Pasadena	TX		09/17/2021		3,252,491										72,746	
2721	Sunrise	FL		09/23/2021		1,990,704										14,219	
2722	Kennewick	WA		09/21/2021		5,082,772										26,415	
2723	San Diego	CA		12/10/2021		3,000,000										19,481	
2724	Martinez	CA		10/19/2021		6,086,513										41,304	
2726	Chattanooga	TN		10/15/2021		2,688,085										36,461	
2727	Oakville	MO		11/10/2021		2,550,000										17,455	
2728	Santa Rosa	CA		12/06/2021		3,570,000										18,043	
2730	San Jose	CA		11/30/2021		7,299,172										67,258	
2731	Santa Cruz	CA		11/30/2021		9,403,738										86,651	
2736	Torrance	CA		11/10/2021		3,850,000										21,017	
2737	Temecula	CA		12/03/2021		4,500,000										23,516	
2738	Murrieta	CA		12/03/2021		4,700,000										24,561	
2739	Tampa	FL		12/15/2021		4,800,000										32,335	
2743	Sparks	MD		12/07/2021		2,754,000										17,233	
2744	Cincinnati	OH		12/10/2021		3,000,000										15,887	
2745	Danville	CA		12/15/2021		5,000,000										26,920	
2746	Nashville	TN		03/07/2022												38,184	
2747	San Jose	CA		12/07/2021		17,900,000										94,323	
2748	Portland	OR		12/15/2021		6,000,000										134,095	
2749	Wauwatosa	WI		12/15/2021		5,500,000										37,251	
2750	Albany	OR		01/28/2022												33,082	
2751	Salem	OR		01/28/2022												39,886	
2753	Depew	NY		03/28/2022												43,875	
2754	Amherst	NY		03/28/2022												43,128	
2755	Landover	MD		12/01/2021		4,700,000										31,488	
2756	Buffalo	NY		03/23/2022												26,832	
2758	Hicksville	NY		01/28/2022												22,188	
2760	West Seneca	NY		03/24/2022												48,861	

STATEMENT AS OF SEPTEMBER 30, 2022 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
2761	Miami	FL		02/04/2022													28,775
2762	Grand Prairie	TX		03/15/2022													23,932
2763	Sugar Land	TX		02/24/2022													20,691
2764	Downers Grove	IL		01/28/2022													34,862
2765	Mokena	IL		01/28/2022													24,625
2766	Fishkill	NY		03/11/2022													37,840
2768	Lewisville	TX		02/11/2022													17,101
2769	Englewood	CO		03/04/2022													35,374
2772	Fuquay-Varina	NC		03/29/2022													13,764
2774	Columbus	OH		02/15/2022													302,289
2775	Mesa	AZ		02/15/2022													15,797
2777	Glen Burnie	MD		04/14/2022													180,880
2778	Massillon	OH		04/12/2022													29,220
2779	Medina	OH		04/12/2022													43,831
2780	Harrison Township	MI		04/27/2022													31,749
2781	Auburn	WA		05/25/2022													11,912
2783	Fort Wayne	IN		05/11/2022													66,109
2787	Bala Cynwyd	PA		05/25/2022													74,450
2788	Indianapolis	IN		05/25/2022													16,500
2792	Amherst	NY		06/28/2022													27,256
2793	Depew	NY		06/28/2022													16,899
2794	Melville	NY		05/27/2022													55,586
2795	Walker	MI		07/21/2022													21,537
2802	Omaha	NE		05/26/2022													50,631
2804	Temecula	CA		06/09/2022													42,207
2808	Clearfield	UT		05/26/2022													16,088
2809	Teaneck	NJ		07/07/2022													64,707
2810	Palm Harbor	FL		07/18/2022													8,087
2811	Napa	CA		05/26/2022													17,971
2813	Livonia	MI		06/23/2022													18,836
2814	PASCO	WA		06/28/2022													33,070
2819	Salem	OR		07/28/2022													5,481
0A01640	Eugene	OR		12/17/2013		337,479											18,060
0A01679	Glen Ellyn	IL		01/17/2019		3,110,949											62,233
0A01735	Southern Pines	NC		09/24/2015		1,185,837											20,857
0A01736	Monrovia	CA		03/02/2017		1,751,020											62,698
0A01755	Redwood City	CA		12/07/2016		7,044,251											54,061
0A01771	St. Louis Park	MN		05/21/2020		2,836,226											28,539
0A01808	Cleveland	OH		07/18/2017		3,079,331											59,322
0A01812	Totowa	NJ		10/28/2019		5,116,064											42,936
0A01833	Miami	FL		02/12/2020		971,778											4,318
0A01895	Cheektowaga	NY		10/06/2015		1,583,313											15,104
0A01994	Calabasas	CA		08/10/2017		4,138,518											23,684
0A02036	Addison	TX		05/01/2018		1,289,559											16,445
0A02127	San Diego	CA		11/25/2019		4,937,446											56,989
0A02176	El Cajon	CA		12/16/2019		2,084,864											13,536
0A02574	Hazle Township	PA		10/21/2021		7,957,572											129,721
0B01994	Calabasas	CA		04/28/2020		2,069,032											10,181
0299999. Mortgages with partial repayments						3,974,581,262											41,795,325
2757	Williston	VT		07/11/2022	07/13/2022												29,000,000
2795	Walker	MI		07/21/2022	07/25/2022												11,440,000
2812	Miami	FL		08/11/2022	08/15/2022												35,000,000
2819	Salem	OR		07/28/2022	08/01/2022												5,700,000
2820	Melville	NY		08/22/2022	08/26/2022												15,000,000
2821	Melville	NY		08/24/2022	08/26/2022												9,300,000
2827	Omaha	NE		08/30/2022	08/30/2022												4,140,000
2828	Fontana	CA		08/29/2022	08/31/2022												7,000,000
0399999. Mortgages disposed																	116,580,000
0599999 - Totals						4,037,298,317											176,587,705
													21,140,000	122,943,030			

E02.14

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 2

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

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation, NAIC Designation Modifier and SVO Administrative Symbol	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made After Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		City	State									
13139#-10-3	Caltius Partners IV, LP	Los Angeles	CA	CP IV, LP		04/01/2011	2	4,358			446,370	0.007
1599999	Joint Venture Interests - Fixed Income - NAIC Designation Assigned by the SVO - Unaffiliated											XXX
	Aquiline Financial Services Fund III, LP	New York	NY	Aquiline Financial Services Fund III, LP		02/25/2015	3	4,603			212,896	0.005
	Aquiline Technology Growth Fund, LP	New York	NY	Aquiline Technology Growth Fund, LP		07/28/2017	1	132,212			463,612	0.026
	BBH Capital Partners V, LP	New York	NY	BBH Capital Partners V, LP		12/19/2016	3	187,032			503,107	0.010
	BBH Private Capital VI, LLC	New York	NY	BBH Private Capital VI, LLC		05/18/2021	3	1,429,411			3,549,059	0.010
	BGV IV, LP	Naarden	NLD	BGV IV Partners, LLC		04/14/2021	1	750,000			3,328,359	0.050
	Bison Capital Partners IV, LP	Santa Monica	CA	Bison Capital Partners IV, LP		03/15/2013	3	(133,804)			363,707	0.032
	Bison Capital Partners V, LP	Santa Monica	CA	Bison Capital Partners V, LP		09/18/2017	3	(13)			1,495,837	0.020
	Builders VC Fund II, LP	San Francisco	CA	Builders VC GP II, LLC		02/17/2021	1	850,000			6,850,000	0.040
	Caltius Equity Partners III, LP	Los Angeles	CA	Caltius Equity Partners III, LP		06/02/2015	3	65,924			300,537	0.037
	Century Focused Fund IV, LP	Boston	MA	COP Focused IV, LP		12/06/2016	3	146,210			143,517	0.014
	Construct Capital I, LP	Chevy Chase	MD	Construct Capital GP I, LLC		02/03/2021	1	560,000			1,660,000	0.040
	Construct Capital II, LP	Chevy Chase	MD	Construct Capital GP II, LLC		09/29/2022	1	1,900,000			4,900,000	0.026
	CRV Select Fund II, LP	Cambridge	MA	CRV Select II GP, LP		03/29/2022	1	112,500			2,392,500	0.005
	CRV XIX, LP	Cambridge	MA	CRV XIX GP, LP		06/10/2022	1	122,500			6,247,500	0.008
	CRV XVIII, LP	Cambridge	MA	CRV XVIII GP, LP		02/12/2021	1	125,000			2,075,000	0.017
	Diversis Capital Partners I, LP	Los Angeles	CA	Diversis Capital Partners GP I, LP		07/17/2019	3	1,260,058			2,352,867	0.050
	EW Healthcare Partners Fund 2, LP	Woodlands	TX	EW Healthcare Partners Fund 2-GP, LP		09/26/2019	1	4,834,614			4,834,614	0.012
	First Reserve Fund XIII, LP	Greenwich	CT	First Reserve GP XIII, LP		07/15/2014	3	542,338			27,316	0.002
	Genstar Capital Partners IX, LP	San Francisco	CA	Genstar Capital IX, LP		09/03/2019	3	32,207			1,109,142	0.002
	Genstar Capital Partners X, LP	San Francisco	CA	Genstar Capital X, LP		12/13/2021	3	2,558,420			6,909,050	0.002
	Goldpoint Partners Co-Investment VI, LP	New York	NY	Goldpoint Partners Co-Investment VI, LP		02/26/2018	3	101,863			680,945	0.008
	Gridiron Capital Fund IV, LP	New Canaan	CT	Gridiron GP IV, LLC		05/06/2020	3	1,767,644			1,163,533	0.012
	Gryphon Heritage Partners, LP	San Francisco	CA	Gryphon Heritage GenPar, LP		12/15/2020	3	(748,622)			4,372,982	0.015
	Gryphon Partners VI, LP	San Francisco	CA	Gryphon GenPar VI, LP		12/18/2020	3	1,105,672			2,801,939	0.003
	HGGC Fund III, LP	Palo Alto	CA	HGGC Fund III, LP		07/28/2017	3	47,756			813,072	0.005
	HGGC Fund IV, LP	Palo Alto	CA	HGGC Fund IV GP, LP		06/25/2020	3	301,557			4,561,713	0.004
	Lerer Hippeau Select Fund III, LP	Palo Alto	CA	Lerer Hippeau Select Fund III GP, LLC		02/11/2020	1	150,000			300,000	0.030
	Lerer Hippeau VII, LP	Palo Alto	CA	Lerer Hippeau Ventures VII GP, LLC		03/20/2020	1	250,000			1,500,000	0.042
	Lerer Hippeau VIII, LP	Palo Alto	CA	Lerer Hippeau Ventures VIII GP, LLC		03/21/2022	1	250,000			4,500,000	0.036
	Lightyear Fund IV, LP	New York	NY	Lightyear Fund IV GP, LP		12/12/2016	3	78,349			500,988	0.008
	Maveron Equity Partners VI, LP	Seattle	WA	Maveron Equity Partners VI, LP		12/12/2016	1	450,000			150,000	0.061
	PA Co-Investment Fund IV, LP	Darien	CT	PCIF IV (GP), LLC		10/29/2020	3	1,669,569			1,410,469	0.017
	Procuritas Capital Investors VII (D) AB	Stockholm	SWE	Procuritas Capital Investors VII (D) AB		07/21/2022	3	402,634			9,314,697	0.021
	Revelstoke Capital Partners Fund III, LP	Denver	CO	ROP Fund III GP, LLC		12/29/2021	3	2,417,223			5,850,011	0.010
	Trident IX, LP	Greenwich	CT	Trident Capital IX, LP		06/24/2022	3	110,011			8,953,815	0.001
	Revolution Growth III, LP	Washington	DC	Revolution Growth III, LP		10/21/2015	1	35,714			79,438	0.014
	Revolution Growth IV, LP	Washington	DC	Revolution Growth IV, LP		01/04/2022	1	1,334,890			6,382,539	0.020
	Revolution Ventures III, LP	Washington	DC	Revolution Ventures GP III, LP		10/13/2020	1	19,698			4,905,468	0.035
	Threshold Ventures I, LP	Menlo Park	CA	Threshold Ventures I, LP (fka Draper Fisher Jurveston XI, LP)		03/17/2014	1	15,000			105,000	0.021
	Threshold Ventures II, LP	Menlo Park	CA	Threshold Ventures II, LP (fka Draper Fischer Jurvetson Fund XII, LP)		08/01/2016	1	15,000			123,000	0.018
	Will Ventures II, LP	Boston	MA	Will Ventures II LLC		04/18/2022	1	347,948			4,211,396	0.033
	Wind Point Partners IX-A, LP	Chicago	IL	Wind Point Partners IX, LP		11/09/2020	3	1,047,168			1,638,198	0.008
	Windjammer Senior Equity Fund V, LP	Newport Beach	CA	Windjammer Capital Investors V, LLC		08/05/2019	3	(454,181)			1,954,190	0.009
1999999	Joint Venture Interests - Common Stock - Unaffiliated											XXX
	AEA Middle Market Debt Fund III, LP	New York	NY	AEA Middle Market Debt Fund III, GP LP		12/14/2016	2	2,536,725			2,536,187	0.029
	AEA Middle Market Debt Fund IV, LP	Stamford	CT	AEA Middle Market Debt IV GP LP		09/11/2019	2	300,475			3,256,403	0.033
	Arrowhead Capital Fund III, LP	Greenwich	CT	Arrowhead Capital Fund III, LP		12/20/2017	2	188,147			4,960,663	0.036
	Balance Point Capital Partners V, LP	Westport	CT	Balance Point Capital Advisors V, LLC		12/02/2021	2	1,289,689			5,239,689	0.024
	Caltius Partners VI, LP	Los Angeles	CA	GP VI, LP		05/27/2022	2	422,555			7,188,423	0.100
	Churchill Junior Capital Opportunities Fund II, LP	New York	NY	Churchill Junior Capital Opportunities II GP, LLC		08/11/2022	2	5,154,470			4,845,531	0.020
	Crescent Credit Solutions VIII, LP	Los Angeles	CA	Crescent Credit Solutions VIII, LLC		09/27/2021	2	3,886,397			8,400,000	0.004
	Crescent Mezzanine Partners VII, LP	Los Angeles	CA	Crescent Mezzanine VII, LLC		09/28/2016	2	107,529			3,471,587	0.003

E03

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE BA - PART 2

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

1 CUSIP Identification	2 Name or Description	3 Location		5 Name of Vendor or General Partner	6 NAIC Designation, NAIC Designation Modifier and SVO Admini- strative Symbol	7 Date Originally Acquired	8 Type and Strategy	9 Actual Cost at Time of Acquisition	10 Additional Investment Made After Acquisition	11 Amount of Encumbrances	12 Commitment for Additional Investment	13 Percentage of Ownership
		City	State									
	Cyprum Investors V, LP	Cleveland	OH	Cyprum V Management LLC		08/15/2019	2	562,160			2,875,126	0.020
	Falcon Private Credit Opportunities VI, LP	Boston	MA	Falcon Private Credit Investments VI, LP		08/14/2020	2	903,760			2,999,977	0.008
	Falcon Strategic Partners IV, LP	Boston	MA	Falcon Strategic Investments GP IV, LLC		12/31/2013	2	10,993			1,306,645	0.011
	Falko Regional Aircraft Opportunities Fund II, LP	St Helier	JEY	Falko RAOG GP II Limited		03/25/2019	2	(10,641)			3,786,872	0.017
	Falko Regional Aircraft Opportunities Fund, LP	St Helier	JEY	Falko RAOG GP Limited		12/16/2015	2	12,445			463,465	0.067
	GCG Investors IV, LP	Chicago	IL	Greyrock Capital Group, LLC		03/14/2017	2	18,182			982,681	0.036
	GCG Investors V, LP	Chicago	IL	GCG Investors V GP, LLC		10/14/2020	2	639,433			3,391,981	0.050
	Global Power and Energy Infrastructure Fund III, LP	Greenwich	CT	GEPIF III		04/05/2019	2	1,436,541			3,343,764	0.003
	GoldPoint Partners Private Debt V, LP	New York	NY	GoldPoint Partners Private Debt V GenPar, LP		07/02/2020	2	(186,523)			3,369,676	0.007
	Gryphon Mezzanine Partners II, LP	San Francisco	CA	Gryphon Mezzanine Partners GP II, LP		09/25/2019	2	237,580			3,242,557	0.044
	LBC Credit Partners V, LP	Radnor	PA	LBC Credit Funding V, LP		07/17/2020	2	750,000			3,954,732	0.010
	MML Capital Partners Fund VI, LP	London		MML Capital Partners VI GP Limited		12/04/2014	2	57,899			720,661	0.023
	MML Partnership Capital VII, SCSp	London		MML Partnership Capital VII GP, Sarl		09/17/2019	2	1,115,714			4,250,584	0.028
	New Canaan Funding Mezzanine VII SBIC, LP	New Canaan	CT	New Canaan Funding Leverage Mezzanine VII, GP, LLC		02/09/2021	2	2,068,570			5,111,600	0.125
	Northstar Mezzanine Partners V, LP	Minneapolis	MN	Northstar Capital, LLC (NCL)		08/30/2007	2	(58,241)			1,210,992	0.029
	OCF Asia Fund IV (US) LP	Singapore	SGP	OCF Asia Fund IV (GP) Limited		01/26/2021	2	1,183,533			4,891,063	0.020
	PA Direct Credit Opportunities Fund II	Darien	CT	PADCOF II GP, LLC		05/15/2017	2	140,816			880,328	0.020
	PA Direct Credit Opportunities Fund III, LP	Darien	CT	PADCOF III GP, LLC		11/02/2020	2	1,417,877			6,450,954	0.010
	Peninsula Fund VII, LP	Detroit	MI	Peninsula Fund VII Management, LLC		02/13/2020	2	1,096,345			5,269,420	0.025
	Riverside Strategic Capital Fund I, LP	New York	NY	RSCF I Associates, LP		10/16/2015	2	1,149,044			1,676,168	0.029
	Siguler Guff Small Business Credit Opportunities Fund II, LP	Boston	MA	Siguler Guff SBCCOF II Mezz GP, LLC		12/05/2019	2	1,797,144			4,888,653	0.033
	Tenex Capital Partners, LP	New York	NY	Tenex Capital Partners GP, LP		06/15/2011	11	276,133			879,902	0.011
91832*-10-3	VSS Structured Capital II, LP	New York	NY	VSS Structured Capital II, LLC		06/01/2009	2	276,648			367,423	0.032
	Varde Fund XIII, LP	Minneapolis	MN	Varde Fund XIII, G.P., LP		10/19/2018	11	500,000			400,000	0.005
	Yukon Capital Partners III, LP	Minneapolis	MN	Yukon Partners III, LC		07/18/2017	2	47,936			1,528,341	0.020
	Yukon Capital Partners IV, LP	Minneapolis	MN	Yukon Partners IV, LLC		11/24/2020	2	933,120			4,282,208	0.014
2599999	Joint Venture Interests - Other - Unaffiliated							27,967,442			112,424,256	XXX
	Aegon LIHTC Fund 62, LLC	Cedar Rapids	IA	Aegon Community Investments 62, LLC		04/15/2021		260,785			8,049,890	0.067
	RBC Tax Credit Equity National Fund-28, LP	Charlotte	NC	RBC Tax Credit Equity GP 28, LLC		10/10/2018		512,977			302,724	0.520
	Red Stone Equity-Fund 75, LP	New York	NY	RSEP MM, LLC		12/28/2019		672,688			4,155,633	0.077
	WNC Institutional Tax Credit Fund 44, LP	Irvine	CA	WNC Managing Partners 44, LLC		03/29/2018		303,467			794,047	0.091
	WNC Institutional Tax Credit Fund 49, LP	Irvine	CA	WNC Managing Partners 49, LLC		08/13/2020		1,271,482			3,630,359	0.069
3799999	Non-Guaranteed Federal Low Income Housing Tax Credit - Unaffiliated							3,021,399			16,932,653	XXX
4899999	Total - Unaffiliated							51,047,304			245,794,743	XXX
4999999	Total - Affiliated											XXX
5099999	Totals							51,047,304			245,794,743	XXX

E03.1

STATEMENT AS OF SEPTEMBER 30, 2022 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
13139#-10-3	Callius Partners IV, LP	Los Angeles	CA	Return of Capital, Income	04/01/2011	08/18/2022	52,393	(53,486)				(53,486)		52,393	52,393				17,208
1599999. Joint Venture Interests - Fixed Income - NAIC Designation Assigned by the SVO - Unaffiliated																			
	AEA Investors Fund V, LP	New York	NY	Stock Sale	10/11/2012	08/01/2022	52,393	(53,486)				(53,486)		52,393	52,393		147,471	147,471	147,471
	AEA Small Business Fund III, LP	New York	NY	ROC, Stock Sale, Income Dist	08/15/2016	07/06/2022	4,243	(9,871)				(9,871)	4,243	22,516			18,273	18,273	36,945
	Amberbrook VIII, LLC	New York	NY	ROC, Stock Sale, Income Dist	03/31/2016	09/30/2022	11,536	(11,940)				(11,940)	11,536	104,876			93,340	93,340	
	Amberbrook VIII, LP	New York	NY	Return of Capital, Stock Sale	12/20/2019	09/30/2022	22,602	(41,562)				(41,562)	22,602	226,021			203,419	203,419	
	Angeleno Investors III, LP	Los Angeles	CA	Return of Capital	06/16/2010	09/09/2022	515,583	(548,943)				(548,943)	515,583	515,583					
	Alpha CEE Fund II, LP	Zurich	CH	Other than Temp Impairment	08/24/2007	09/30/2022	262,224	(262,224)	262,224			(524,448)							
	Aquiline Financial Svcs Fund III, LP	New York	NY	Return of Capital, Stock Sale	02/25/2015	08/04/2022	1,892,012	(10,924,080)				(10,924,080)	1,892,012	1,892,012					
	Arclight Energy Partners Fund V, LP	Boston	MA	Stock Sale, Income Dist	12/01/2011	09/15/2022	569,470	(569,470)				(569,470)	569,470	951,137			381,667	381,667	135,196
	Argosy Investment Partners V, LP	Wayne	PA	Stock Sale	04/16/2015	07/11/2022							1,494,001			1,494,001			
	Axiom Asia Private Capital Fd III, LP	Singapore	SGP	Income Distribution	10/05/2012	08/22/2022													300,917
	BBH Capital Partners V, LP	New York	NY	Return of Capital, Stock Sale	12/19/2016	07/25/2022	661,855	(808,378)				(808,378)	661,855	3,200,392			2,538,537	2,538,537	
	BGV IV, LP	Naarden	NLD	Return of Capital, Stock Sale	04/14/2021	09/16/2022	26,498	(32,431)				(32,431)	26,498	149,165			122,667	122,667	
	Bison Capital Partners IV, LP	Santa Monica	CA	Return of Capital	03/15/2013	09/27/2022	440,998	(1,635,072)				(1,635,072)	440,998	440,998					
	Bison Capital Partners V, LP	Santa Monica	CA	ROC, Stock Sale, Income Dist	09/18/2017	09/07/2022	546,686	(779,394)				(779,394)	546,686	666,899			120,213	120,213	23,660
	Callius Equity Partners III, LP	Los Angeles	CA	ROC, Stock Sale, Income Dist	06/02/2015	08/19/2022	2,892,604	(2,892,604)				(2,892,604)	2,892,604	4,579,601			1,686,997	1,686,997	32,756
	Century Focused Fund III, LP	Boston	MA	Stock Sale	02/29/2012	09/30/2022							885,405			885,405			
	Communications Ventures VI	Palo Alto	CA	Return of Capital, Stock Sale	05/20/2005	09/06/2022	1	(1)				(1)	1	10,910			10,909	10,909	
	Element Partners II, LP	Radnor	PA	Stock Sale, Income Dist	08/26/2008	09/12/2022							25,050			25,050			6,263
	First Reserve Fund XIII, LP	Greenwich	CT	ROC, Stock Sale, Income Dist	07/15/2014	09/30/2022	131,945	(113,158)				(113,158)	131,945	163,000			31,055	31,055	16,239
	First Reserve XII, LP	Greenwich	CT	Other than Temp Impairment	08/25/2008	09/30/2022	370,938	(370,938)				(680,270)	61,606	61,606					
	Genstar Capital Partners IX, LP	San Francisco	CA	Return of Capital, Income	09/03/2019	09/16/2022	669,144	(1,043,438)				(1,043,438)	669,144	2,632,409			1,963,265	1,963,265	481,095
	Genstar Capital Partners VIII, LP	San Francisco	CA	ROC, Stock Sale, Income Dist	10/16/2017	08/01/2022	714,238	(1,721,709)				(1,721,709)	714,238	1,600,190			885,952	885,952	31,880
	Goldpoint Partners Co-Invt VI, LP	New York	NY	ROC, Stock Sale, Income Dist	02/26/2018	07/28/2022	411,031	(661,728)				(661,728)	411,031	879,590			468,559	468,559	2,424
	Gridiron Capital Fund IV, LP	New Canaan	CT	Return of Capital	05/06/2020	09/19/2022	626,303	(1,177,698)				(1,177,698)	626,303	626,303					
	Gryphon Heritage Partners, LP	San Francisco	CA	Return of Capital	12/15/2020	09/12/2022	(748,622)	1,271,241				1,271,241	(748,622)	(748,622)					
	HGGC Fund IV, LP	Palo Alto	CA	ROC, Stock Sale, Income Dist	06/25/2020	07/05/2022	1,902,409	(1,347,560)				(1,347,560)	1,902,409	1,551,673			(350,736)	(350,736)	105,593
	Lightyear Fund IV, LP	New York	NY	ROC, Stock Sale, Income Dist	12/12/2016	09/28/2022	629,195	(990,674)				(990,674)	629,195	2,574,699			1,945,504	1,945,504	91,015
	LS Power Equity Partners III, LP	New York	NY	Return of Capital, Income	07/11/2014	09/30/2022	82,098	(249,004)				(249,004)	82,098	82,098					193,377
	Maveron Equity Partners V, LP	Seattle	WA	Return of Capital, Stock Sale	01/20/2015	08/11/2022	547,132	(913,565)				(913,565)	547,132	58,522			(488,610)	(488,610)	
	New Leaf Ventures IV, LP	New York	NY	Return of Capital, Stock Sale	07/17/2018	09/08/2022	318,227	(649,116)				(649,116)	318,227	1,060,757			742,530	742,530	
	Partech Int'l Ventures VII, FCP	Paris	FRA	Return of Capital	06/24/2016	09/14/2022	166,169	(372,703)				(372,703)	166,169	166,169					
	PA Co-Investment Fund III, LP	Darien	CT	Return of Capital, Stock Sale	07/30/2018	08/17/2022	181,373	(317,559)				(317,559)	181,373	474,831			293,458	293,458	
	Revelstoke Capital Prtnrs Fd IV, LP	Denver	CO	Return of Capital, Income	12/29/2021	08/23/2022	35,058	(40,778)				(40,778)	35,058	35,058					1,531
	Revolution Growth II, LP	Washington	DC	Return of Capital, Stock Sale	01/19/2012	08/05/2022	232,101	(232,101)				(232,101)	232,101	269,555			37,454	37,454	
	Revolution Growth III, LP	Washington	DC	Return of Capital, Stock Sale	10/21/2015	09/26/2022	15,714	(19,040)				(19,040)	15,714	5,600			(10,114)	(10,114)	
	SPC Partners V, LP	San Francisco	CA	Return of Capital, Stock Sale	03/15/2013	08/16/2022	2,215,235	(2,215,235)				(2,215,235)	2,215,235	2,295,748			80,513	80,513	
	SPC Partners VI, LP	San Francisco	CA	Return of Capital, Stock Sale	11/16/2017	08/16/2022	506,674	(738,265)				(738,265)	506,674	1,025,255			518,581	518,581	
	Summer Street Capital III, LP	Buffalo	NY	Return of Capital	02/27/2012	08/19/2022	30,146	(1,162,221)				(1,162,221)	30,146						
	Threshold Ventures I, LP	Menlo Park	CA	Return of Capital, Stock Sale	03/17/2014	09/30/2022	95,000	(95,000)				(95,000)	95,000	1,539,940			1,444,940	1,444,940	
	Windjammer Senior Equity Fd V, LP	Newport Beach	CA	Return of Capital	08/05/2019	08/26/2022	739,610	(482,759)				(482,759)	739,610	(482,759)					
1999999. Joint Venture Interests - Common Stock - Unaffiliated																			
	AEA Mezzanine Fund III, LP	Stamford	CT	Return of Capital, Income Dist	08/14/2013	08/25/2022	426,403	(426,403)		571,556		(31,508,165)		15,923,505	31,213,805		15,290,300	15,290,300	1,458,891
	AEA Mezzanine Fund IV, LP	Stamford	CT	Stock Sale, Income Dist	07/23/2018	07/11/2022						(426,403)	426,403	426,403			16,736	16,736	40,708
	AEA Middle Market Debt Fd III, LP	New York	NY	Income Distribution	12/14/2016	08/05/2022											16,736	16,736	62,792
	AEA Middle Market Debt Fd IV, LP	Stamford	CT	Income Distribution	09/11/2019	08/05/2022													207,132
	Arrowhead Capital Fund III, LP	Greenwich	CT	Return of Capital, Income Dist	12/20/2017	09/29/2022	249	(249)				(249)	249	249					70,582
	Balance Point Capital Partners V, LP	Westport	CT	Return of Capital, Income Dist	12/02/2021	09/02/2022	347,552	(357,176)				(357,176)	347,552	347,552					61,906
	Bridgepoint Credit Opps III LP	Stockholm	SWE	Return of Capital	11/16/2017	09/02/2022	1,502,353	(1,695,522)				(1,695,522)	1,502,353	1,502,353					
	Churchill Jr Capital Opps Fd II, LP	New York	NY	Income Distribution	08/11/2022	08/11/2022													56,544
	Crescent Mezzanine Prtnrs VII, LP	Los Angeles	CA	Return of Capital, Income Dist	09/28/2016	09/20/2022	111,972	(108,725)				(108,725)	111,972	111,972					157,435
	CRG Partners III, LP	Houston	TX	Return of Capital, Income Dist	12/15/2016	09/13/2022	459,126	(718,707)				(718,707)	459,126	459,126					33,354
	Cyprum Investors IV, LP	Cleveland	OH	Return of Capital, Income Dist	06/16/2014	07/13/2022	595,120	(921,999)				(921,999)	595,120	595,120					127,691
	Cyprum Investors V, LP	Cleveland	OH	Income Distribution	08/15/2019	09/30/2022													118,201
	Falcon Private Credit Opps VI, LP	Boston	MA	ROC, Stock Sale, Income Dist	08/14/2020	09/26/2022	654,536	(762,508)				(762,508)	654,536	778,352			123,816	123,816	420,807

E03.2

STATEMENT AS OF SEPTEMBER 30, 2022 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
36480#-10-9	Falcon Strategic Partners IV, LP	Boston	MA	Return of Capital, Income Dist	12/31/2013	08/02/2022	234,026	(258,644)				(258,644)		234,026	234,026				224,804
	Falko Regnl Aircraft Opps Fd II, LP	St Helier	JEY	Return of Capital, Income Dist	03/25/2019	09/30/2022	215,401	(232,066)				(232,066)		215,401	215,401				60,004
	Falko Regnl Aircraft Opps Fd, LP	St Helier	JEY	Income Distribution	12/16/2015	09/30/2022													245,176
	Garmark Partners II, LP	Stamford	CT	Income Distribution	02/14/2006	08/19/2022													15,407
	GCG Investors IV, LP	Chicago	IL	Income Distribution	03/14/2017	09/30/2022													29,534
	GCG Investors V Aggregator, LLC	Chicago	IL	Income Distribution	09/03/2021	07/01/2022													111,965
	GCG Investors V, LP	Chicago	IL	Return of Capital, Income Dist	10/14/2020	09/08/2022	58,015	(63,007)				(63,007)		58,015	58,015				41,655
	Global Enrgy & Infrstct Pwr Fd I, LP	Greenwich	CT	Return of Capital, Income Dist	09/26/2011	09/06/2022	25,149	(25,149)				(25,149)		25,149	25,149				5,244
	Global Enrgy & Infrstct Pwr Fd II, LP	Greenwich	CT	Return of Capital, Income Dist	12/23/2014	09/22/2022	380,440	(264,618)				(264,618)		380,440	380,440				20,223
	Global Pwr & Enrgy Infrstct Fd III, LP	Greenwich	CT	Return of Capital, Income Dist	04/05/2019	09/01/2022	3,179	(3,384)				(3,384)		3,179	3,179				89,169
	GMB Mezzanine Capital III, LP	Minneapolis	MN	Return of Capital, Income Dist	09/08/2015	09/30/2022	471,784	(767,513)				(767,513)		471,784	471,784				907,277
	GMB Mezz Cap IV - Parallel, LP	Minneapolis	MN	Return of Capital, Income Dist	11/13/2020	08/31/2022	120,000	(124,429)				(124,429)		120,000	120,000				44,921
	GMB Mezzanine Capital IV, LP	Minneapolis	MN	Income Distribution	03/27/2019	08/14/2022													116,849
	Goldpoint Mezz Partners IV, LP	New York	NY	ROC, Stock Sale, Income Dist	12/21/2015	07/19/2022	144	(165)				(165)		144	144				130,167
	GoldPoint Partners Prvt Debt V, LP	New York	NY	ROC, Stock Sale, Income Dist	07/02/2020	09/19/2022	676,951	(727,547)				(727,547)		676,951	850,076		173,125	173,125	163,397
	Gryphon Mezzanine Partners II, LP	San Francisco	CA	Return of Capital, Income Dist	09/25/2019	08/22/2022	3,214	(3,214)				(3,214)		3,214					127,577
	LBC Credit Partners V, LP	Radnor	PA	Return of Capital, Income Dist	07/17/2020	09/12/2022	478,568	(495,394)				(495,394)		478,568	478,568				188,377
	MC-Seamax Shipping Opps Fd, LP	Stamford	CT	ROC, Stock Sale, Income Dist	05/22/2015	08/24/2022	8,146,558	(8,146,558)				(8,146,558)		8,146,558	9,543,002		1,396,444	1,396,444	666,178
	Midwest Mezzanine Fund IV, LP	Chicago	IL	Income Distribution	06/29/2007	09/14/2022													28,914
	Midwest Mezzanine Fund V, LP	Chicago	IL	Return of Capital, Income Dist	06/27/2013	07/15/2022	11,111	(14,643)				(14,643)		11,111	11,111				89,174
	New Canaan Funding Mezz V, LP	New Canaan	CT	Income Distribution	01/31/2012	07/15/2022													25,251
	New Canaan Funding Mezz VI, LP	New Canaan	CT	Income Distribution	11/23/2015	09/29/2022													65,520
	Northstar Mezzanine Partners V, LP	Minneapolis	MN	Return of Capital, Income Dist	08/30/2007	09/01/2022	199,996	(1,156,327)				(1,156,327)		199,996	199,996				545,957
	PA Direct Credit Opp Fd II, LP	Darien	CT	ROC, Stock Sale, Income Dist	05/15/2017	08/11/2022	520,114	(551,785)				(551,785)		520,114	684,761		164,647	164,647	128,391
	PA Direct Credit Opps Fd III, LP	Darien	CT	Income Distribution	11/02/2020	09/28/2022													149,763
	Partners Group Drect Mezz 2011, LP	St Peter Port			Return of Capital, Income Dist	12/11/2012	07/28/2022	60,644	(54,931)			(54,931)		60,644	60,644				6,022
	Peninsula Fund V, LP	Detroit	MI	Return of Capital, Income Dist	06/01/2010	08/29/2022	481,089	(1,152,286)				(1,152,286)		481,089	481,089				32,899
	Peninsula Fund VI, LP	Detroit	MI	Return of Capital, Income Dist	11/16/2015	09/28/2022	24,872	(28,902)				(28,902)		24,872	24,872				49,751
Peninsula Fund VII, LP	Detroit	MI	Income Distribution	02/13/2020	09/29/2022													68,694	
Riverside Strategic Capital Fd I, LP	New York	NY	Stock Sale, Income Dist	10/16/2015	07/14/2022									37,560		37,560	37,560	49,872	
Siguler Guff Sml Bs Cr OppsFdlI, LP	Boston	MA	Return of Capital	12/05/2019	09/23/2022	181,344	(194,167)				(194,167)		181,344	190,683		9,339	9,339	146,319	
Tenex Capital Partners III, LP	New York	NY	Stock Sale, Income Dist	04/23/2021	09/09/2022									33,083		33,083	33,083	308,959	
Tenex Capital Partners, LP	New York	NY	Return of Capital, Income Dist	06/15/2011	08/04/2022	1,765,963	(1,563,172)				(1,563,172)		1,765,963	1,765,963				11,187	
VSS Structured Capital II, LP	New York	NY	Income Distribution	06/01/2009	08/04/2022													481,604	
Varde XII, LP	Minneapolis	MN	Return of Capital	11/17/2016	09/08/2022	665,245	(1,212,851)				(1,212,851)		665,245	665,245					
Wayzata Opportunities Fund II, LP	Wayzata	MN	Stock Sale	11/02/2007	07/26/2022									19,937		19,937	19,937	39,143	
Yukon Capital Partners III, LP	Minneapolis	MN	Stock Sale, Income Dist	07/18/2017	07/13/2022									78,481		78,481	78,481		
Yukon Capital Partners IV, LP	Minneapolis	MN	Stock Sale, Income Dist	11/24/2020	07/22/2022									218		218	218	56,570	
2599999. Joint Venture Interests - Other - Unaffiliated							18,821,118	(22,032,041)				(22,032,041)		18,821,118	20,874,504		2,053,386	2,053,386	7,051,052
401378-AB-0	Guardian Life Ins Co of America	New York	NY	Direct	12/19/2017	09/30/2022	(3,648)		3,648			3,648							3,700
401378-AD-6	Guardian Life Ins Co of America	New York	NY	Direct	01/14/2020	09/30/2022	7		(7)			(7)							
575767-AL-2	Massachusetts Mutual Life Ins	Springfield	MA	Direct	03/20/2017	09/30/2022	20		(20)			(20)							
575767-AN-8	Massachusetts Mutual Life Ins	Springfield	MA	Direct	10/11/2019	09/30/2022	19		(19)			(19)							
575767-AO-1	Massachusetts Mutual Life Ins	Springfield	MA	Direct	04/27/2021	09/30/2022	(2,539)		2,539			2,539							
575767-AR-9	Massachusetts Mutual Life Ins	Springfield	MA	Direct	11/18/2021	09/30/2022	253		(253)			(253)							
638671-AL-1	Nationwide Mutual Insurance Co	Columbus	OH	Direct	12/13/2017	09/30/2022	(8,084)		8,084			8,084							
649523-AE-8	New York Life Insurance Co	Newark	DE	Direct	10/31/2017	09/30/2022	(4,467)		4,467			4,467							
649523-AF-5	New York Life Insurance Co	Newark	DE	Direct	10/18/2017	09/30/2022	(1,053)		1,053			1,053							
649523-AT-5	New York Life Insurance Co	New York	NY	Direct	01/21/2021	09/30/2022	(9,585)		9,585			9,585							
668138-AA-8	Northwestern Mutual Life Ins	Milwaukee	WI	Direct	12/14/2021	09/30/2022	(16,060)		16,060			16,060							306,171
668138-AC-4	Northwestern Mutual Life Ins	Milwaukee	WI	Direct	09/20/2019	09/30/2022	(8)		8			8							7,721
69448F-AA-9	Pacific Life Insurance Co	Omaha	NE	Direct	10/26/2017	09/30/2022	193		(193)			(193)							
878091-BD-8	Teachers Ins & Annuity Association	New York	NY	Direct	09/15/2014	09/30/2022	20		(20)			(20)							8,575
878091-BF-3	Teachers Ins & Annuity Association	New York	NY	Direct	02/15/2018	09/30/2022	(21,537)		21,537			21,537							
95765P-AA-7	Western & Southern Life Ins Co	Cincinnati	OH	Direct	01/17/2019	09/30/2022	337		(337)			(337)							392,688
95765P-AE-9	Western & Southern Life Ins Co	Cincinnati	OH	Direct	04/27/2021	09/30/2022	119		(119)			(119)							

E03.3

STATEMENT AS OF SEPTEMBER 30, 2022 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 Impair- ment Recogn- ized	12 Capital- ized Deferred Interest and Other	13 Total Change in Book/ Adjusted Carrying Value (9+10- 11+12)	14 Total Foreign Exchange Change in Book/ Adjusted Carrying Value						
2799999. Surplus Debentures, etc - Unaffiliated																			
	Aegon LIHTC Fund 55, LLC	Cedar Rapids	IA	Direct	09/14/2018	09/30/2022	251,162		(251,162)			(251,162)							718,855
	Aegon LIHTC Fund 62, LLC	Cedar Rapids	IA	Direct	04/15/2021	09/30/2022	164,594		(164,594)			(164,594)							
	Cinnaire Fund for Housing LP 31	Lansing	MI	Direct	10/03/2016	09/30/2022	224,316		(224,316)			(224,316)							
	RAH Corporate Prtnrs Fd 57, LLC	Great Neck	NY	Direct	08/05/2021	09/30/2022	143,436		(143,436)			(143,436)							
	RBC Tax Crdt Equity Nat'l Fd-28, LP	Charlotte	NC	Direct	10/10/2018	09/30/2022	234,943		(234,943)			(234,943)							
	RBC Comntny Invmts Nat'l Fd31.LP	Charlotte	NC	Direct	05/27/2021	09/30/2022	198,618		(198,618)			(198,618)							
	Red Stone Equity-Fund 75, LP	New York	NY	Direct	12/19/2019	09/30/2022	189,223		(189,223)			(189,223)							
	Red Stone Equity-Fund 84, LP	New York	NY	Direct	04/26/2021	09/30/2022	205,574		(205,574)			(205,574)							
	WNC Institut'l Tax Crdt Fd 44, LP	Irvine	CA	Direct	03/29/2018	09/30/2022	214,467		(214,467)			(214,467)							
	WNC Institut'l Tax Crdt Fd 49, LP	Irvine	CA	Direct	08/10/2020	09/30/2022	130,596		(130,596)			(130,596)							
	WNC Institut'l Tax Crdt Fd 52, LP	Irvine	CA	Direct	03/17/2022	09/30/2022	38,801		(38,801)			(38,801)							
3799999. Non-Guaranteed Federal Low Income Housing Tax Credit - Unaffiliated																			
	MN Life Ins Co Rabbi Trust	St. Paul	MN	Sales within trust	01/01/1994	09/30/2022	96,230		(1,995,730)			(1,995,730)							
							86,230					86,230		74,802			(11,428)	(11,428)	23,749
4699999. Any Other Class of Assets - Unaffiliated																			
	Allied Wealth Partners (Langdon)	Parsippany	NJ	Principal reduction payment	12/23/2009	09/30/2022	5,097					5,097		5,097					3,409
4799999. Any Other Class of Assets - Affiliated																			
							5,097					5,097		5,097					3,409
4899999. Total - Unaffiliated																			
							37,384,519	(53,022,136)	(1,929,717)	571,556		(55,523,409)		34,883,246	52,215,504		17,332,258	17,332,258	9,269,755
4999999. Total - Affiliated																			
							5,097					5,097		5,097					3,409
5099999 - Totals																			
							37,389,616	(53,022,136)	(1,929,717)	571,556		(55,523,409)		34,888,343	52,220,601		17,332,258	17,332,258	9,273,164

E03.4

STATEMENT AS OF SEPTEMBER 30, 2022 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		.09/01/2022	CAPITALIZED INTEREST		118,184	118,184		1.A
912810-TD-0	UNITED STATES TREASURY		.07/27/2022	Various		4,076,817	4,810,000	49,692	1.A
912810-TG-3	UNITED STATES TREASURY		.09/12/2022	GOLDMAN SACHS		15,737,787	17,100,000	153,500	1.A
912810-TK-4	UNITED STATES TREASURY		.09/12/2022	J P MORGAN SECURITIES		13,315,867	13,600,000	30,815	1.A
91282C-EP-2	UNITED STATES TREASURY		.07/27/2022	BANC OF AMERICA SECURITIES		5,045,723	5,000,000	30,469	1.A FE
91282C-EY-3	UNITED STATES TREASURY		.07/27/2022	WELLS FARGO SECURITIES LLC		10,003,940	10,000,000	13,859	1.A FE
91282C-FA-4	UNITED STATES TREASURY		.08/17/2022	J P MORGAN SECURITIES		33,403,488	33,600,000	40,745	1.A
91282C-FC-0	UNITED STATES TREASURY		.08/17/2022	Various		54,445,625	55,575,000	49,244	1.A
91282C-FE-6	UNITED STATES TREASURY		.08/31/2022	BANC OF AMERICA SECURITIES		25,661,708	25,900,000	49,032	1.A
91282C-FE-6	UNITED STATES TREASURY		.09/08/2022	J P MORGAN SECURITIES		9,880,502	10,000,000	21,230	1.A FE
91282C-FF-3	UNITED STATES TREASURY		.08/31/2022	Various		23,274,053	24,100,000	39,240	1.A
91282C-FF-3	UNITED STATES TREASURY		.09/12/2022	J P MORGAN SECURITIES		6,082,026	6,400,000	14,348	1.A FE
91282C-FG-1	UNITED STATES TREASURY		.09/13/2022	Various		20,761,041	20,950,000	26,332	1.A FE
91282C-FH-9	UNITED STATES TREASURY		.08/31/2022	BANC OF AMERICA SECURITIES		5,958,536	6,000,000	4,144	1.A
91282C-FJ-5	UNITED STATES TREASURY		.09/13/2022	Various		47,127,095	48,075,000	43,508	1.A
91282C-FJ-5	UNITED STATES TREASURY		.09/28/2022	BARCLAYS CAPITAL		4,907,696	5,140,000	13,311	1.A FE
0109999999. Subtotal - Bonds - U.S. Governments						279,800,088	286,368,184	579,468	XXX
3136AH-V9-8	FNR 2013-133 BZ - CMO/RMBS		.09/01/2022	CAPITALIZED INTEREST		40,060	40,060		1.A
3136BM-PS-1	FNR 2022-17 BY - CMO/RMBS		.07/01/2022	BANC OF AMERICA SECURITIES		15,339,778	16,246,000	9,477	1.A
3136BN-KR-6	FNR 2022-38 PG - CMO/RMBS		.07/01/2022	WELLS FARGO SECURITIES LLC		12,202,143	12,489,000	8,326	1.A
3137BQ-T7-2	FHR 4597 PC - CMO/RMBS		.08/11/2022	CITIGROUP GLOBAL MARKET		2,874,393	3,261,000	4,076	1.A
3137H2-CF-9	FHR 5142 BD - CMO/RMBS		.08/16/2022	CITIGROUP GLOBAL MARKET		8,684,717	10,650,989	10,651	1.A
3137H4-VY-3	FHR 5180 PH - CMO/RMBS		.09/28/2022	WELLS FARGO SECURITIES LLC		3,778,279	5,668,968	630	1.A
3137H5-JV-4	FHR 5188 PB - CMO/RMBS		.07/01/2022	MORGAN STANLEY & COMPANY		5,298,339	6,909,000	2,303	1.A
3137H5-PQ-4	FHR 5195 CZ - CMO/RMBS		.09/01/2022	CAPITALIZED INTEREST		92,025	92,025		1.A
3137H6-WH-4	FHR 5210 DE - CMO/RMBS		.09/26/2022	WELLS FARGO SECURITIES LLC		2,393,493	3,099,000	7,231	1.A
3137H7-EX-7	FHR 5221 YC - CMO/RMBS		.07/01/2022	BANC OF AMERICA SECURITIES		7,085,586	7,000,000	4,667	1.A
3140XH-X9-3	FN FS2503 - RMBS		.09/13/2022	MORGAN STANLEY & COMPANY		1,250,761	1,283,655	2,246	1.A
3140XH-YD-3	FN FS2507 - RMBS		.07/28/2022	CANTOR FITZGERALD		2,021,250	2,000,000	5,444	1.A
31418D-Z3-9	FN MA4361 - RMBS		.08/25/2022	GOLDMAN SACHS		863,213	903,740	1,130	1.A
35563P-E3-9	SCRT 2022-2 MA - CMO/RMBS		.09/28/2022	Various		4,747,014	5,050,940	17,806	1.A
35563P-E4-7	SCRT 2022-2 MB - CMO/RMBS		.09/08/2022	J P MORGAN SECURITIES		3,938,831	5,000,000	17,917	1.A
35563P-IM-8	SCRT 2019-4 MB - CMO/RMBS		.08/11/2022	WELLS FARGO SECURITIES LLC		19,824,774	22,387,000	29,868	1.A
678908-4A-9	OKLAHOMA DEV FIN AUTH REV		.07/08/2022	RBC DAIN RAUSCHER		9,000,000	9,000,000		1.A FE
678908-4B-7	OKLAHOMA DEV FIN AUTH REV		.07/08/2022	RBC DAIN RAUSCHER		3,000,000	3,000,000		1.A FE
678908-4C-5	OKLAHOMA DEV FIN AUTH REV		.08/19/2022	J P MORGAN SECURITIES		1,000,000	1,000,000		1.A FE
678908-4D-3	OKLAHOMA DEV FIN AUTH REV		.08/19/2022	J P MORGAN SECURITIES		3,000,000	3,000,000		1.A FE
678908-4E-1	OKLAHOMA DEV FIN AUTH REV		.08/19/2022	J P MORGAN SECURITIES		5,000,000	5,000,000		1.A FE
678908-4G-6	OKLAHOMA DEV FIN AUTH REV		.08/31/2022	RBC DAIN RAUSCHER		15,000,000	15,000,000		1.A FE
0909999999. Subtotal - Bonds - U.S. Special Revenues						126,434,655	138,081,377	121,772	XXX
00287Y-AS-8	ABBVIE INC		.08/10/2022	J P MORGAN SECURITIES		9,904,100	10,000,000	114,889	2.B FE
00774M-AG-0	AERCAP IRELAND CAPITAL DAC	C.	.08/11/2022	FORT WASHINGTON		146,428	150,000	2,485	2.C FE
008911-BK-4	AIR CANADA	C.	.08/17/2022	FORT WASHINGTON		250,429	272,000	45	3.B FE
009090-AA-9	AIR CANADA 2015-1 PASS THROUGH TRUST	C.	.09/30/2022	HILLTOP SECURITIES		796,196	892,097	1,695	1.F FE
012653-AF-8	ALBEMARLE CORP		.07/15/2022	Various		9,397,608	9,564,000	98,037	2.B FE
01959E-AC-2	ALLIED WORLD ASSURANCE COMPANY	C.	.09/26/2022	GOLDMAN SACHS		1,660,020	1,752,000	31,543	2.B FE
032177-AJ-6	AMSTED INDUSTRIES INC		.08/15/2022	FORT WASHINGTON		159,025	175,000	1,964	3.C FE
034863-BC-3	ANGLO AMERICAN CAPITAL PLC	C.	.09/01/2022	MORGAN STANLEY & COMPANY		4,204,750	5,000,000	113,472	2.B FE
03522A-AJ-9	ANHEUSER-BUSCH COMPANIES LLC		.08/10/2022	DEUTSCHE BANK		10,097,700	10,000,000	14,972	2.B FE
043188-AF-4	ARTISAN PARTNERS HOLDINGS LP		.08/16/2022	CITIGROUP GLOBAL MARKET		5,840,000	5,840,000		2.A Z
04364V-AU-7	ASCENT RESOURCES UTICA HOLDINGS		.09/29/2022	FORT WASHINGTON		157,787	175,000	2,005	4.B FE
045054-AL-7	ASSTEAD CAPITAL INC		.09/28/2022	TRUIST FINANCIAL CORP		4,899,639	5,560,000	97,802	2.C FE
045054-AN-3	ASSTEAD CAPITAL INC		.09/26/2022	GOLDMAN SACHS		1,891,637	2,245,000	4,303	2.C FE
045054-AA-7	ASSTEAD CAPITAL INC		.08/04/2022	FORT WASHINGTON		210,889	213,000		2.C FE
053332-BB-7	AUTOZONE INC		.07/19/2022	Various		7,004,170	7,000,000		2.B FE
05368V-AA-4	AVIENT CORP		.07/27/2022	FORT WASHINGTON		27,000	27,000		3.C FE

E04

STATEMENT AS OF SEPTEMBER 30, 2022 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
054976-AD-7	BBCMS-22C17-A4 - CMBS		08/16/2022	BARCLAYS CAPITAL		26,258,388	26,000,000	21,102	1.A FE
05523#-AA-1	BAE SYSTEMS PLC	C	09/15/2022	PRUDENTIAL		4,309,823	4,309,823		2.B
056020-AY-9	BMO 2022-C3 A5 - CMBS		09/20/2022	BMO CAPITAL MARKETS		20,599,888	20,000,000	17,709	1.A FE
065410-AU-9	BANK 2022-BNK43 A4 - CMBS		08/08/2022	WELLS FARGO SECURITIES LLC		16,411,655	16,250,000	44,785	1.A FE
065606-AG-0	BIVSTA 2019-1 D - ABS		08/08/2022	BANC OF AMERICA SECURITIES		6,899,922	7,000,000	16,285	1.G FE
06683*-AA-9	BANYANTECH ALPHA, LLC		07/01/2022	CAPITALIZED INTEREST		12,699	12,699		5.B GI
075887-BG-3	BECTON DICKINSON AND CO		09/26/2022	CITIGROUP GLOBAL MARKET		6,130,600	7,000,000	93,830	2.B FE
07831C-AA-1	BELLRING BRANDS INC		08/11/2022	FORT WASHINGTON		162,113	165,000	4,973	4.C FE
080555-AF-2	BELO CORP		08/17/2022	FORT WASHINGTON		16,830	17,000	527	3.C FE
097751-BT-7	BOMBARDIER INC	C	09/06/2022	FORT WASHINGTON		231,810	242,000	7,521	4.C FE
11135F-BJ-9	BROADCOM INC		09/01/2022	BARCLAYS CAPITAL		7,394,100	10,000,000	22,361	2.C FE
11135F-BR-1	BROADCOM INC		08/17/2022	GOLDMAN SACHS		9,525,800	10,000,000	138,889	2.C FE
1248EP-CS-0	CCO HOLDINGS LLC		08/04/2022	FORT WASHINGTON		195,000	195,000		3.C FE
12532B-AC-1	CFRE 2016-C7 A2 - CMBS		09/26/2022	GOLDMAN SACHS		9,556,479	9,176,233	24,675	1.A FE
12597N-AS-2	CSAIL 2020-C19 A3 - CMBS		08/19/2022	Various		15,602,598	17,729,965	27,746	1.A FE
126307-BA-4	CSC HOLDINGS LLC		08/17/2022	FORT WASHINGTON		175,875	210,000	1,140	4.C FE
12653C-AK-4	CNX RESOURCES CORP		09/15/2022	FORT WASHINGTON		343,625	344,000		3.B FE
12674T-AA-4	C&W SENIOR FINANCING DAC	C	08/11/2022	FORT WASHINGTON		184,000	200,000	1,146	4.A FE
131347-CN-4	CALPINE CORP		09/15/2022	FORT WASHINGTON		184,850	207,000	100	4.A FE
14040H-CN-3	CAPITAL ONE FINANCIAL CORP		09/13/2022	CITIGROUP GLOBAL MARKET		4,347,950	5,000,000	6,364	2.A FE
14043G-AE-4	COPAR 2022-2 A4 - ABS		08/02/2022	J P MORGAN SECURITIES		1,999,435	2,000,000		1.A FE
14315E-AG-5	CARMX 2018-4 D - ABS		09/22/2022	BNP PARIBAS SECURITIES CORP.		1,529,104	1,530,000	1,940	2.B FE
14315F-AF-4	CARMX 2020-3 B - ABS		09/14/2022	DEUTSCHE BANK		1,179,346	1,245,000	38	1.A FE
14315P-AE-5	CARMX 2019-3 A4 - ABS		08/17/2022	BNP PARIBAS SECURITIES CORP.		178,129	181,000	46	1.A FE
14315P-AH-8	CARMX 2019-3 D - ABS		09/15/2022	BNP PARIBAS SECURITIES CORP.		1,320,785	1,350,000	428	2.B FE
14315V-AE-2	CARMX 2020-2 A4 - ABS		09/06/2022	BARCLAYS CAPITAL		995,027	1,014,000	1,328	1.A FE
14316H-AC-6	CARMX 2020-4 A3 - ABS		09/22/2022	BANC OF AMERICA SECURITIES		9,275,911	9,521,766	1,455	1.A FE
14316N-AD-1	CARMX 2021-1 A4 - ABS		08/25/2022	TORONTO DOMINION SECURITIES		1,215,703	1,300,000	268	1.A FE
14317C-AB-8	CARMX 2022-1 A2 - ABS		09/22/2022	BANC OF AMERICA SECURITIES		7,273,251	7,364,735	2,048	1.A FE
14317C-AC-6	CARMX 2022-1 A3 - ABS		08/17/2022	BARCLAYS CAPITAL		1,125,408	1,165,000	190	1.A FE
14317J-AF-4	CARMX 2021-4 B - ABS		09/16/2022	DEUTSCHE BANK		891,407	981,000	142	1.B FE
14318M-AE-9	CARMX 2022-3 A4 - ABS		07/12/2022	RBC DAIN RAUSCHER		1,999,967	2,000,000		1.A FE
14686J-AB-6	CRVNA 2022-P2 A2 - ABS		07/28/2022	J P MORGAN SECURITIES		2,186,938	2,200,000	4,070	1.A FE
14686J-AC-4	CRVNA 2022-P2 A3 - ABS		08/17/2022	J P MORGAN SECURITIES		7,989,063	8,000,000	8,260	1.A FE
14686M-AB-9	CRVNA 2022-P3 A2 - ABS		09/14/2022	Various		2,893,113	2,900,000	2,947	1.A FE
14688D-AC-5	CRVNA-22P1-A3 - ABS		09/02/2022	WELLS FARGO SECURITIES LLC		3,930,469	4,000,000	10,422	1.A FE
14739L-AB-8	CASCADES INC	C	09/06/2022	FORT WASHINGTON		167,656	185,000	1,464	3.C FE
15089Q-AM-6	CELANESE US HOLDINGS LLC		07/07/2022	BANC OF AMERICA SECURITIES		5,000,000	5,000,000		2.C FE
15089Q-AN-4	CELANESE US HOLDINGS LLC		09/13/2022	Various		21,788,050	22,000,000	160,888	2.C FE
15089Q-AP-9	CELANESE US HOLDINGS LLC		08/16/2022	Various		13,335,853	13,310,000	1,813	2.C FE
161175-BZ-6	CHARTER COMMUNICATIONS OPERATING		07/14/2022	Various		9,260,550	13,000,000	59,403	2.C FE
20848V-AA-3	CONSENSUS CLOUD SOLUTIONS INC		07/21/2022	FORT WASHINGTON		171,614	189,000	3,047	4.B FE
21036P-AT-5	CONSTELLATION BRANDS INC		08/10/2022	MORGAN STANLEY & COMPANY		2,825,550	3,000,000	34,875	2.C FE
23357*-AU-5	DTE GAS COMPANY		09/29/2022	KEYBANC CAPITAL MARKETS		14,800,000	14,800,000		1.F Z
24702R-AM-3	DELL INC		08/31/2022	NETSCOUT SYSTEMS INC		1,848,280	2,000,000	53,400	2.C FE
26078J-AE-0	DUPONT DE NEMOURS INC		09/27/2022	J P MORGAN SECURITIES		2,553,953	2,750,000	54,446	2.A FE
277432-AL-4	EASTMAN CHEMICAL CO		07/13/2022	BANC OF AMERICA SECURITIES		3,695,097	4,141,000	73,986	2.C FE
277432-AP-5	EASTMAN CHEMICAL CO		09/22/2022	BARCLAYS CAPITAL		8,195,700	10,000,000	207,958	2.B FE
283677-F@-6	EL PASO ELECTRIC COMPANY		09/01/2022	NETSCOUT SYSTEMS INC		1,500,000	1,500,000		2.B Z
29373K-AC-7	EFF 2020-1 A3 - ABS		08/08/2022	RBC DAIN RAUSCHER		3,916,094	4,000,000	4,133	1.A FE
29374F-AB-9	EFF 223 A2 - ABS		08/17/2022	Various		2,501,974	2,500,000		1.A FE
29374J-AC-9	EFF 222 A3 - ABS		08/31/2022	NETSCOUT SYSTEMS INC		2,538,185	2,515,000	6,023	1.A FE
29375J-AB-0	EFF 2022-1 A2 - ABS		08/17/2022	NETSCOUT SYSTEMS INC		1,081,266	1,100,000	2,601	1.A FE
30251G-BE-6	FIG RESOURCES (AUGUST 2006) PTY LTD	C	08/16/2022	GOLDMAN SACHS		4,825,000	5,000,000	108,038	3.A FE
31620M-BU-9	FIDELITY NATIONAL INFORMATION SERV		08/11/2022	BANC OF AMERICA SECURITIES		7,516,200	10,000,000	141,222	2.B FE
31620M-BW-5	FIDELITY NATIONAL INFORMATION SERV		07/06/2022	J P MORGAN SECURITIES		3,993,640	4,000,000		2.B FE
31620M-BY-1	FIDELITY NATIONAL INFORMATION SERV		07/06/2022	Various		21,985,410	22,000,000		2.B FE

STATEMENT AS OF SEPTEMBER 30, 2022 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
341081-FL-6	FLORIDA POWER & LIGHT CO		09/01/2022	MORGAN STANLEY & COMPANY		2,796,394	3,105,000	54,842	1.D FE
34528H-AA-2	FORD 2018-REV2 A - ABS		09/02/2022	RBC DAIN RAUSCHER		2,511,685	2,525,000	5,598	1.A FE
34531K-AF-9	FORD 2019-C B - ABS		08/05/2022	J P MORGAN SECURITIES		621,903	635,000	902	1.A FE
34533Y-AF-7	FORD 2020-C B - ABS		08/03/2022	TORONTO DOMINION SECURITIES		976,664	1,050,000	461	1.B FE
34534L-AF-4	FORD 2022-B B - ABS		09/06/2022	TORONTO DOMINION SECURITIES		3,011,133	3,000,000	8,644	1.B FE
34535A-AB-6	FORD 2022-C A2A - ABS		09/20/2022	SMBC NIKKO SECURITIES AMERICA, INC.		2,999,889	3,000,000		1.A FE
34535A-AD-2	FORD 2022-C A3 - ABS		09/20/2022	SMBC NIKKO SECURITIES AMERICA, INC.		2,999,827	3,000,000		1.A FE
345370-DB-3	FORD MOTOR CO		08/16/2022	GOLDMAN SACHS		6,000,000	6,000,000		3.A FE
35671D-BC-8	FREEMPORT-MCMORAN INC		07/13/2022	BANC OF AMERICA SECURITIES		9,107,000	10,000,000	181,667	2.C FE
36252S-AU-1	GSMS 2019-GC38 A3 - CMBS		08/10/2022	BANK OF AMERICA MERRILL LYNCH		2,846,289	2,900,000	1,697	1.A
36254K-AL-6	GSMS 2017-GS8 A4 - CMBS		08/26/2022	BANK OF AMERICA MERRILL LYNCH		2,623,786	2,730,000	7,629	1.A
36257H-BP-0	GSMS 2019-GC40 A4 - CMBS		08/19/2022	DEUTSCHE BANK		933,281	1,000,000	1,931	1.A
36258Y-BF-4	GSMS 2020-GC45 A4 - CMBS		08/04/2022	Various		2,979,799	3,250,000	1,680	1.A
36261L-AE-1	GMCA 2021-1 B - ABS		09/13/2022	TORONTO DOMINION SECURITIES		1,429,794	1,540,000	930	1.B FE
37940X-AN-2	GLOBAL PAYMENTS INC		08/09/2022	Various		24,848,857	24,831,000	18,844	2.C FE
38141G-YC-2	GOLDMAN SACHS GROUP INC		08/11/2022	CREDIT SUISSE SECURITIES		1,605,140	2,000,000	20,152	1.F FE
38141G-ZU-1	GOLDMAN SACHS GROUP INC		08/16/2022	GOLDMAN SACHS		7,000,000	7,000,000		1.F FE
404280-BS-7	HSBC HOLDINGS PLC	C.	08/17/2022	DEUTSCHE BANK		4,972,550	5,000,000	49,924	1.G FE
406216-BE-0	HALLIBURTON CO		08/25/2022	CITIGROUP GLOBAL MARKET		3,463,130	3,800,000	14,039	2.A FE
406216-BK-6	HALLIBURTON CO		09/22/2022	CITIGROUP GLOBAL MARKET		10,503,000	12,000,000	218,333	2.A FE
42824C-AY-5	HEWLETT PACKARD ENTERPRISE CO		08/11/2022	Various		37,200,893	35,780,000	682,847	2.B FE
435765-AH-5	HOLLY ENERGY PARTNERS LP		09/29/2022	GOLDMAN SACHS		400,140	450,000	3,875	3.A FE
437300-AA-4	HPA 211 A - CMBS		08/19/2022	WELLS FARGO SECURITIES LLC		7,816,819	8,964,561	7,059	1.A FE
43730X-AB-0	HPA 2021-3 B - CMBS		07/19/2022	MORGAN STANLEY & COMPANY		2,562,659	2,851,483	4,196	1.D FE
43815P-AB-5	HAROT 2022-2 A2 - ABS		08/15/2022	MITSUBISHI UFJ SECURITIES		1,299,941	1,300,000		1.A FE
44891W-AC-3	HALST 2022-A A3 - ABS		09/13/2022	DEUTSCHE BANK		963,984	1,000,000		1.A FE
448978-AD-8	HALST 2022-C A3 - ABS		09/14/2022	WELLS FARGO SECURITIES LLC		2,743,555	2,750,000		1.A FE
45688C-AB-3	INGEVITY CORP		09/29/2022	MARKETAXESS		247,731	300,000	4,908	3.C FE
458140-BM-1	INTEL CORP		08/25/2022	J P MORGAN SECURITIES		1,161,612	1,200,000	24,383	1.E FE
45866F-AX-2	INTERCONTINENTAL EXCHANGE INC		08/31/2022	J P MORGAN SECURITIES		9,901,900	10,000,000	144,375	1.G FE
459200-KB-6	INTERNATIONAL BUSINESS MACH		08/11/2022	GOLDMAN SACHS		4,698,250	5,000,000	51,875	1.G FE
46625H-JB-7	JPMORGAN CHASE & CO		08/11/2022	J P MORGAN SECURITIES		11,084,600	10,000,000	46,667	1.F FE
466313-AJ-2	JABIL INC		08/18/2022	GOLDMAN SACHS		1,872,860	2,072,000	7,666	2.C FE
482480-AM-2	KLA CORP		09/01/2022	GOLDMAN SACHS		4,932,600	5,000,000	51,563	1.G FE
48255K-AA-4	KKR CORE HOLDING CO, LLC	C.	08/02/2022	SECURIAN AM		15,200,000	15,200,000		2.B PL
49327V-2B-9	KEYBANK NA		09/26/2022	GOLDMAN SACHS		1,762,540	2,000,000	35,750	2.A FE
49327V-2C-7	KEYBANK NA		08/03/2022	KEYBANC CAPITAL MARKETS		4,987,500	5,000,000		2.A FE
50117W-AD-6	KCOT 2020-1 A4 - ABS		08/22/2022	BNP PARIBAS SECURITIES CORP.		2,705,420	2,750,000	1,554	1.A FE
50202*-AA-9	LIDL US LLC	C.	08/31/2022	BANK OF AMERICA MERRILL LYNCH		1,270,000	1,270,000		2.A Z
50202*-AB-7	LIDL US LLC	C.	08/31/2022	BANK OF AMERICA MERRILL LYNCH		8,000,000	8,000,000		2.A Z
50202*-AC-5	LIDL US LLC	C.	08/31/2022	BANK OF AMERICA MERRILL LYNCH		11,000,000	11,000,000		2.A Z
50202*-AD-3	LIDL US LLC	C.	08/31/2022	BANK OF AMERICA MERRILL LYNCH		7,070,000	7,070,000		2.A Z
50247V-AB-5	LYB INTERNATIONAL FINANCE BV	C.	09/26/2022	BARCLAYS CAPITAL		6,107,640	7,000,000	74,521	2.B FE
53079E-BN-3	LIBERTY MUTUAL GROUP INC		08/09/2022	CITIGROUP GLOBAL MARKET		12,137,280	12,000,000	119,167	2.B FE
58933Y-AV-7	MERCK & CO INC		09/01/2022	US BANCORP INVESTMENTS INC.		3,211,285	3,500,000	379	1.E FE
59156R-CC-0	METLIFE INC		07/28/2022	Various		10,029,465	9,850,000	7,917	1.G FE
595112-BN-2	MICRON TECHNOLOGY INC		09/26/2022	GOLDMAN SACHS		2,862,360	3,000,000	23,084	2.C FE
595112-BT-9	MICRON TECHNOLOGY INC		09/13/2022	GOLDMAN SACHS		10,801,650	15,000,000	136,510	2.C FE
608190-AL-8	MOHAWK INDUSTRIES INC		09/26/2022	Various		18,306,261	20,749,000	235,284	2.A FE
61691N-AE-5	MSC 2017-HR2 A4 - CMBS		09/29/2022	CITIGROUP GLOBAL MARKET		8,045,790	8,770,000	1,748	1.A FE
61692B-BP-4	MSC 2020-HR8 A4 - CMBS		09/13/2022	MORGAN STANLEY & COMPANY		990,938	1,200,000	952	1.A FE
61767Y-AZ-3	MSC 2018-H3 A5 - CMBS		09/28/2022	WELLS FARGO SECURITIES LLC		7,003,243	7,462,042	25,108	1.A FE
61770K-AX-3	MSC 2020-L4 A3 - CMBS		09/14/2022	MORGAN STANLEY & COMPANY		12,351,651	14,205,000	15,969	1.A FE
61945C-AD-5	MOSAIC CO		09/13/2022	US BANCORP INVESTMENTS INC.		1,993,720	2,000,000	36,333	2.B FE
61945C-AE-3	MOSAIC CO		08/10/2022	Various		5,235,050	5,000,000	67,656	2.B FE
61980*-AA-4	Motion and Flow Control Products		09/28/2022	CAPITALIZED INTEREST		14,983	14,983		5.B GI
620076-BE-8	MOTOROLA SOLUTIONS INC		07/19/2022	SEAPORT GROUP		9,454,500	10,000,000	213,889	2.C FE

E04.2

STATEMENT AS OF SEPTEMBER 30, 2022 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
62877C-AA-1	NAC AVIATION 29 DESIGNATED ACTIVITY CO	C	07/05/2022	CORPORATE ACTION		(19,257,953)	(19,257,953)		4.B FE
62877C-AA-1	NAC AVIATION 29 DESIGNATED ACTIVITY CO	C	07/05/2022	CORPORATE ACTION		19,257,953	19,257,953		4.B FE
629377-CE-0	NRG ENERGY INC		08/05/2022	FORT WASHINGTON		347,704	358,000	.967	3.A FE
62954H-AL-2	NXP BV	C	09/01/2022	Various		7,402,866	10,495,000	20,954	2.B FE
62957H-AJ-4	NABORS INDUSTRIES INC		09/26/2022	Various		63,415	68,000	1,809	4.B FE
63938C-AH-1	NAVIENT CORP		09/13/2022	FORT WASHINGTON		121,920	127,000	1,905	3.C FE
64110L-AU-0	NETFLIX INC		08/11/2022	FORT WASHINGTON		243,815	242,000	2,007	3.A FE
651229-BC-9	NEWELL BRANDS INC		09/20/2022	Various		253,160	253,000	.181	3.A FE
651229-BD-7	NEWELL BRANDS INC		09/09/2022	J P MORGAN SECURITIES		7,433,000	7,400,000		3.A FE
65480J-AB-6	NAROT 2022-B A2 - ABS		09/20/2022	WELLS FARGO SECURITIES LLC		1,299,955	1,300,000		1.A FE
65480J-AC-4	NAROT 2022-B A3 - ABS		09/20/2022	WELLS FARGO SECURITIES LLC		2,999,379	3,000,000		1.A FE
69007T-AE-4	OUTFRONT MEDIA CAPITAL LLC		09/13/2022	FORT WASHINGTON		173,400	204,000	1,445	4.B FE
693342-AG-2	PCG 2022-B A2 - ABS		07/13/2022	CITIGROUP GLOBAL MARKET		14,999,057	15,000,000		1.A FE
693342-AH-0	PCG 2022-B A3 - ABS		07/13/2022	CITIGROUP GLOBAL MARKET		8,999,555	9,000,000		1.A FE
693342-AJ-6	PCG 2022-B A4 - ABS		07/13/2022	CITIGROUP GLOBAL MARKET		6,999,901	7,000,000		1.A FE
693342-AK-3	PCG 2022-B A5 - ABS		07/13/2022	CITIGROUP GLOBAL MARKET		9,999,058	10,000,000		1.A FE
694476-AF-9	PACIFIC LIFE CORP		09/13/2022	WELLS FARGO SECURITIES LLC		1,975,400	2,000,000		1.G FE
740212-AM-7	PRECISION DRILLING CORP	C	09/27/2022	FORT WASHINGTON		72,916	83,000	1,173	4.B FE
74332Z-AA-9	PROG 22SFR4 A - RMBS		08/03/2022	WELLS FARGO SECURITIES LLC		2,998,711	3,000,000	1,479	1.A FE
74333C-AA-4	PROG 22SFR7 A - RMBS		09/14/2022	GOLDMAN SACHS		3,054,132	3,088,000		1.A FE
74333H-AA-3	PROG 2021-SFR6 A - RMBS		08/05/2022	BARCLAYS CAPITAL		561,804	629,280	.213	1.A FE
74334D-AA-1	PROG 22SFR6 A - RMBS		07/25/2022	RBC DAIN RAUSCHER		2,999,885	3,000,000		1.A FE
745867-AM-3	PULTEGROUP INC		08/26/2022	FORT WASHINGTON		125,876	111,000	1,821	2.B FE
745867-AT-8	PULTEGROUP INC		08/24/2022	FORT WASHINGTON		220,038	222,000	.407	2.B FE
746246-AA-5	PUREW 221 A1 - ABS		08/01/2022	GUGGENHEIM CAPITAL MARKETS		23,600,000	23,600,000		1.G FE
75524K-PG-3	CITIZENS BANK NA		08/05/2022	MORGAN STANLEY & COMPANY		1,988,360	2,000,000		2.A FE
77340R-AT-4	ROCKIES EXPRESS PIPELINE LLC		08/09/2022	FORT WASHINGTON		38,531	45,000	.516	3.A FE
780153-BL-5	ROYAL CARIBBEAN CRUISES LTD		08/15/2022	FORT WASHINGTON		201,000	201,000		4.B FE
780153-BR-2	ROYAL CARIBBEAN CRUISES LTD		09/22/2022	FORT WASHINGTON		45,000	45,000		4.C FE
780153-BS-0	ROYAL CARIBBEAN CRUISES LTD		09/22/2022	FORT WASHINGTON		83,000	83,000		3.C FE
78466C-AC-0	SS&C TECHNOLOGIES INC		09/15/2022	FORT WASHINGTON		171,103	180,000	4,492	4.B FE
78486Q-AE-1	SVB FINANCIAL GROUP		08/31/2022	J P MORGAN SECURITIES		9,357,214	10,850,000	82,365	2.B FE
80007R-AE-5	SANDS CHINA LTD	C	08/16/2022	FORT WASHINGTON		249,905	275,000	.383	3.A FE
80290C-BD-5	SBOLN 22B A2 - ABS		09/23/2022	J P MORGAN SECURITIES		4,000,000	4,000,000		2.A Z
81180W-BD-2	SEAGATE HDD CAYMAN	C	09/29/2022	BARCLAYS CAPITAL		375,000	500,000	4,469	3.A FE
81211K-AK-6	SEALED AIR CORP		08/16/2022	GOLDMAN SACHS		6,881,105	6,446,000	40,623	3.B FE
830867-AB-3	SKYMILES IP LTD		09/30/2022	Various		9,732,813	9,920,000	23,761	2.B FE
835495-AJ-1	SONOCO PRODUCTS CO		08/31/2022	GOLDMAN SACHS		3,500,703	3,468,000	70,347	2.B FE
837004-CG-3	DOMINION ENERGY SOUTH CAROLINA INC		09/13/2022	GOLDMAN SACHS		2,454,801	2,650,000	30,475	1.F FE
84779M-AA-2	SPEEDWAY MOTORSPORTS LLC		09/14/2022	FORT WASHINGTON		166,380	188,000	3,437	4.B FE
878742-AS-4	TECK RESOURCES LTD	C	09/22/2022	BANC OF AMERICA SECURITIES		11,094,600	12,000,000	82,000	2.C FE
878742-AW-5	TECK RESOURCES LTD	C	07/18/2022	BANC OF AMERICA SECURITIES		10,118,300	10,000,000	4,340	2.C FE
878744-AB-7	TECK RESOURCES LTD	C	07/28/2022	Various		10,899,800	12,000,000	248,444	2.C FE
89614Y-AA-4	TON 2021-SFR1 A - CMBS		09/01/2022	MORGAN STANLEY & COMPANY		3,242,708	3,596,142	1,359	1.A FE
90932E-AA-1	U. AIRLINES 2016-2 PASS THROUGH TRUSTS		09/30/2022	MORGAN STANLEY & COMPANY		395,541	457,273	6,644	1.G FE
92660F-AK-0	VIDEOTRON LTD	C	08/01/2022	FORT WASHINGTON		277,924	286,000	4,229	3.A FE
92857W-AQ-3	VODAFONE GROUP PLC	C	08/09/2022	GOLDMAN SACHS		5,500,800	5,000,000	140,083	2.B FE
95002B-AE-3	WFCM 2019-C53 A4 - CMBS		08/09/2022	WELLS FARGO SECURITIES LLC		7,162,977	7,690,497	6,494	1.A FE
95002E-BA-4	WFCM 2020-C55 A4 - CMBS		08/25/2022	BANK OF AMERICA MERRILL LYNCH		829,877	950,000	1,828	1.A
959802-AH-2	WESTERN UNION CO		07/13/2022	Old Mission Capital, LLC		642,637	632,000	6,313	2.B FE
959802-AM-1	WESTERN UNION CO		08/09/2022	DOUGHERTY AND COMPANY		3,956,240	4,000,000	34,444	2.B FE
960413-AY-8	WESTLAKE CORP		08/10/2022	Various		9,644,530	13,000,000	183,760	2.B FE
98162V-AG-4	WOART 2019-B C - ABS		08/19/2022	BARCLAYS CAPITAL		1,264,641	1,275,000	859	1.C FE
98163C-AH-3	WOART 20C C - ABS		08/08/2022	TORONTO DOMINION SECURITIES		2,260,688	2,400,000	2,317	1.F FE
98163D-AE-8	WOSAT 2020-A B - ABS		08/19/2022	J P MORGAN SECURITIES		3,720,000	3,840,000	717	1.B FE
98163H-AD-1	WOSAT 2021-A B - ABS		08/19/2022	J P MORGAN SECURITIES		2,036,705	2,150,000	406	1.C FE
98163J-AC-9	WOLS 2021-A A3 - ABS		09/07/2022	Various		1,536,524	1,590,000	445	1.A FE

E04.3

STATEMENT AS OF SEPTEMBER 30, 2022 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
98163T-AB-9	WOART 2022-C A2 - ABS		.08/02/2022	WELLS FARGO SECURITIES LLC		1,499,843	1,500,000		1.A FE
98164E-AE-5	WOART 2021-A B - ABS		.08/08/2022	TORONTO DOMINION SECURITIES		1,555,734	1,665,000	.740	1.C FE
98313R-AD-8	WYNN MACAU LTD	C.	.09/14/2022	FORT WASHINGTON		153,108	200,000	5,042	4.B FE
07794F-AN-3	GPH FINANCE CO PTY LTD	C.	.08/15/2022	NAB CAPITAL		13,500,000	13,500,000		2.B Z
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						932,816,484	978,504,577	5,497,266	XXX
020002-BB-6	ALLSTATE CORP		.08/31/2022	FORT WASHINGTON		513,360	558,000	1,515	2.B FE
23311R-AH-9	DCP MIDSTREAM OPERATING LP		.09/20/2022	Various		112,038	115,000	1,762	3.A FE
1309999999. Subtotal - Bonds - Hybrid Securities						625,398	673,000	3,277	XXX
2509999997. Total - Bonds - Part 3						1,339,676,626	1,403,627,137	6,201,783	XXX
2509999998. Total - Bonds - Part 5						XXX	XXX	XXX	XXX
2509999999. Total - Bonds						1,339,676,626	1,403,627,137	6,201,783	XXX
281020-AT-4	EDISON INTERNATIONAL		.07/20/2022	FORT WASHINGTON	124,000.000	104,177	0.00		3.B FE
4019999999. Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetual Preferred						104,177	XXX		XXX
4509999997. Total - Preferred Stocks - Part 3						104,177	XXX		XXX
4509999998. Total - Preferred Stocks - Part 5						XXX	XXX	XXX	XXX
4509999999. Total - Preferred Stocks						104,177	XXX		XXX
00123Q-10-4	AGNC INVESTMENT REIT ORD		.09/30/2022	UBS Securities LLC	18,700.000	161,048			
00206R-10-2	AT&T ORD		.07/07/2022	BMO Capital Markets	21,100.000	446,352			
00724F-10-1	ADOBE ORD		.09/13/2022	Various	256.000	99,841			
020002-10-1	ALLSTATE ORD		.08/03/2022	CITIGROUP GLOBAL MARKET	900.000	103,102			
02079K-30-5	ALPHABET CL A ORD		.09/13/2022	Various	521.000	61,056			
023135-10-6	AMAZON COM ORD		.09/13/2022	Various	431.000	58,950			
03027X-10-0	AMERICAN TOWER REIT		.07/15/2022	Various	23,100.000	5,950,540			
03064D-10-8	AMERICOLD REALTY ORD		.08/23/2022	Various	59,125.000	1,842,648			
03750L-10-9	APARTMENT INCOME REIT ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	31,500.000	1,316,546			
052769-10-6	AUTODESK ORD		.08/15/2022	Various	86.000	18,734			
05333Z-10-2	AUTOZONE ORD		.09/09/2022	Various	90.000	197,619			
060505-10-4	BANK OF AMERICA ORD		.07/21/2022	Various	25,700.000	856,327			
103304-10-1	BOYD GAMING ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	8,300.000	430,579			
11133T-10-3	BROADRIDGE FINANCIAL SOLUTIONS ORD		.09/13/2022	CITIGROUP GLOBAL MARKET	40.000	6,791			
11135F-10-1	BROADCOM ORD		.09/13/2022	GOLDMAN SACHS INTERNATIONAL	100.000	51,693			
12769G-10-0	CAESARS ENTERTAINMENT ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	3,900.000	144,433			
133131-10-2	CAMDEN PROPERTY REIT ORD		.09/14/2022	Various	6,991.000	934,401			
14040H-10-5	CAPITAL ONE FINANCIAL ORD		.09/30/2022	Various	1,400.000	144,510			
150870-10-3	CELANESE ORD		.09/16/2022	Various	2,100.000	233,710			
22160N-10-9	COSTAR GROUP ORD		.07/22/2022	UBS Securities LLC	131.000	8,070			
22822V-10-1	CROWN CASTLE ORD		.09/02/2022	Various	13,935.000	2,404,829			
253868-10-3	DIGITAL REALTY REIT ORD		.09/29/2022	Various	9,655.000	1,064,680			
264411-50-5	DUKE REALTY REIT ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	28,700.000	1,640,074			
26622P-10-7	DOXIMITY CL A ORD		.07/19/2022	SECURIAN AM	23,571.000	1,031,703			
270087-10-9	EARGO ORD		.08/11/2022	SECURIAN AM	52,723.000	58,523			
294429-10-5	EQUIFAX ORD		.08/25/2022	Various	742.000	150,822			
30161N-10-1	EXELON ORD		.07/21/2022	Various	3,900.000	167,909			
30225T-10-2	EXTRA SPACE STORAGE REIT ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	100.000	16,942			
30231G-10-2	EXXON MOBIL ORD		.08/19/2022	Various	5,200.000	473,322			
30303M-10-2	META PLATFORMS CL A ORD		.08/18/2022	Various	6,100.000	1,059,132			
313745-10-1	FEDERAL REIT ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	3,700.000	356,512			
36168Q-10-4	GFL ENVIRONMENTAL ORD	C.	.08/25/2022	JEFFERIES INTL LTD	1,400.000	40,803			
421946-10-4	HEALTHCARE REALY REIT ORD		.07/20/2022	CORPORATE ACTION	10,400.000	295,894			
42225P-50-1	HEALTHCARE REALTY TRUST CL A ORD		.07/11/2022	RAYMOND JAMES	10,600.000	301,584			
42226K-10-5	HEALTHCARE REALTY TRUST CL A ORD		.08/25/2022	Various	32,098.000	837,499			
42250P-10-3	HEALTHPEAK PROPERTIES ORD		.07/15/2022	Various	67,300.000	1,785,089			
431284-10-8	HIGHWOODS PROP		.08/02/2022	Various	24,681.000	833,487			
44107P-10-4	HOST HOTELS & RESORTS REIT ORD		.07/11/2022	BANK OF AMERICA MERRILL LYNCH	14,500.000	228,017			

E04.4

STATEMENT AS OF SEPTEMBER 30, 2022 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
445658-10-7	JB HUNT TRANSPORT SERVICES ORD		.09/13/2022	BTIG LLC	45.000	7.730			
45866F-10-4	INTERCONTINENTAL EXCHANGE ORD		.09/13/2022	Various	507.000	53.798			
461202-10-3	INTUIT ORD		.09/13/2022	Various	110.000	49.258			
46120E-60-2	INTUITIVE SURGICAL ORD		.09/13/2022	Various	59.000	12.896			
46187W-10-7	INVITATION HOMES ORD		.08/02/2022	Various	61,989.000	2,224.444			
48020Q-10-7	JONES LANG LASALLE ORD		.07/15/2022	Various	6,700.000	1,178.204			
49446R-10-9	KIMCO REALTY REIT ORD		.08/02/2022	JP MORGAN SECURITIES LLC	4,726.000	101.680			
502441-30-6	LVMH MOET HENNESSY LOUIS VITTON	C.	.07/22/2022	CREDIT SUISSE FIRST BOSTON	72.000	9.290			
539830-10-9	LOCKHEED MARTIN ORD		.09/07/2022	Various	2,300.000	956.203			
548661-10-7	LOWE'S COMPANIES ORD		.08/02/2022	Various	1,000.000	189.537			
58522J-10-3	MID AMERICA APT COMMUNITI REIT ORD		.09/28/2022	Various	2,489.000	398.804			
620076-30-7	MOTOROLA SOLUTIONS ORD		.09/13/2022	CITIGROUP GLOBAL MARKET	74.000	18.379			
654106-10-3	NIKE CL B ORD		.07/22/2022	BARCLAYS CAPITAL LE	322.000	35.137			
67066G-10-4	NVIDIA ORD		.09/13/2022	UBS Securities LLC	161.000	21.620			
718172-10-9	PHILIP MORRIS INTERNATIONAL ORD		.08/26/2022	CITIGROUP GLOBAL MARKET	600.000	58.502			
74340W-10-3	PROLOGIS REIT		.08/02/2022	JP MORGAN SECURITIES LLC	1,961.000	257.808			
74460D-10-9	PUBLIC STORAGE REIT ORD		.07/15/2022	Various	6,200.000	1,944.415			
756109-10-4	REALTY INCOME REIT ORD		.07/15/2022	Various	21,800.000	1,516.730			
75886F-10-7	REGENERON PHARMACEUTICALS ORD		.07/25/2022	DASH FINANCIAL TECHNOLOGIES LLC	100.000	57.947			
75960P-10-4	REMITLY GLOBAL ORD		.08/05/2022	SECURIAN AM	43,402.000	508.237			
78409V-10-4	S&P GLOBAL ORD		.09/13/2022	DASH FINANCIAL TECHNOLOGIES LLC	45.000	16.292			
78410G-10-4	SBA COMMUNICATIONS CL A REIT ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	1,400.000	451.213			
79466L-30-2	SALESFORCE ORD		.09/13/2022	MERRILL LYNCH PIERCE FENNER & SMITH INC.	57.000	9.145			
828806-10-9	SIMON PROP GRP REIT ORD		.09/15/2022	Various	9,917.000	972.858			
82981J-10-9	SITE CENTERS ORD		.07/15/2022	EVERCORE ISI PROGRAM DESK	28,500.000	379.198			
862121-10-0	STORE CAPITAL ORD		.08/30/2022	Various	28,578.000	813.335			
866674-10-4	SUN COMMUNITIES REIT ORD		.08/02/2022	Various	2,942.000	472.946			
87427V-10-3	TALKSPACE ORD		.09/26/2022	SECURIAN AM	5,714.000	5.600			
87612E-10-6	TARGET ORD		.08/31/2022	Various	1,600.000	276.551			
89400J-10-7	TRANSUNION ORD		.09/13/2022	Various	296.000	22.648			
902653-10-4	UDR REIT ORD		.07/15/2022	Various	16,900.000	756.517			
91324P-10-2	UNITEDHEALTH GRP ORD		.09/13/2022	MORGAN STANLEY & CO	31.000	16.034			
92343E-10-2	VERISIGN ORD		.09/13/2022	Various	163.000	29.740			
92826C-83-9	VISA CL A ORD		.09/13/2022	Various	213.000	44.435			
949746-10-1	WELLS FARGO ORD		.07/11/2022	JPMORGANCHASE/CUSTJPMCC	1,200.000	47.634			
95040Q-10-4	WELLTOWER ORD		.09/15/2022	Various	14,612.000	1,173.542			
962166-10-4	WEYERHAEUSER REIT		.09/13/2022	Various	13,600.000	471.827			
D0066B-18-5	ADIDAS N ORD	B.	.07/14/2022	JOH BERENBERG GOSSLER AND CO	694.000	111.804			
D2035M-13-6	DEUTSCHE TELEKOM N ORD	B.	.08/26/2022	JEFFERIES INTL LTD	5,680.000	107.111			
D3R14P-10-9	HENSOLDT ORD	B.	.09/30/2022	GOLDMAN SACHS AND CO.	16,162.000	331.048			
D66992-10-4	SAP ORD	B.	.08/26/2022	Various	7,246.000	644.748			
E42807-11-0	RED ELECTRICA CORPORACION ORD	B.	.07/21/2022	Various	17,000.000	309.121			
F12033-13-4	DANONE ORD	B.	.08/26/2022	JEFFERIES INTL LTD	1,701.000	91.033			
F80343-10-0	SAINT GOBAIN ORD	B.	.08/26/2022	JEFFERIES INTL LTD	4,190.000	175.726			
F9686M-10-7	VEOLIA ENVIRONNEMENT VE ORD	B.	.07/21/2022	CITIGROUP GLOBAL MKTS (INC (TAXABLE FI)	2,550.000	63.094			
G0398N-12-8	ANTOFAGASTA ORD	B.	.08/26/2022	MERRILL LYNCH INTL LONDON	40,326.000	565.227			
G3910J-11-2	GSK PLC	B.	.07/18/2022	Liquidnet	44,032.000	725.800			
G4232K-10-0	HALEON ORD	B.	.08/05/2022	Various	173,346.000	653.878			
G5480U-12-0	LIBERTY GLOBAL CL C ORD	C.	.09/19/2022	Various	7,500.000	152.522			
G6700G-10-7	NVENT ELECTRIC ORD	C.	.07/22/2022	ISI Group	1,300.000	42.567			
G7997R-10-3	SEAGATE TECHNOLOGY HOLDINGS ORD	C.	.09/14/2022	Various	2,400.000	169.654			
G80827-10-1	SHELL ORD	B.	.09/20/2022	SECURIAN AM	590.000	179			
H69293-21-7	ROCHE HOLDING PAR	B.	.07/01/2022	Various	1,318.000	435.975			
N3167Y-10-3	FERRARI ORD	C.	.08/15/2022	CITIGROUP GLOBAL MARKET	60.000	12.870			
N63745-10-0	LYONDELLBASELL INDUSTRIES CL A ORD		.08/18/2022	Various	2,500.000	214.726			
N6598X-10-9	NXP SEMICONDUCTORS ORD	C.	.09/22/2022	CREDIT SUISSE FIRST BOSTON	1,100.000	170.882			

E04.5

STATEMENT AS OF SEPTEMBER 30, 2022 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
N7752F-14-8	SBM OFFSHORE ORD	B	.09/09/2022	Various	25,412,000	351,488			
5019999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded									
000000-00-0	Nordic Aviation Capital	C	.07/05/2022	CORPORATE ACTION	2,960,000	3,650,322			XXX
5029999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Other									
46143U-75-7	SECURIAN AM EQ STAB INST		.09/28/2022	SECURIAN AM	3,542,820	35,853			
46143U-77-3	SECURIAN AM BAL STA INST		.09/28/2022	SECURIAN AM	12,927,940	169,356			
5329999999. Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO									
09255X-10-0	BLACKROCK FLT RT INC		.07/05/2022	SECURIAN AM	(4,768,780)	(63,991)			XXX
5729999999. Subtotal - Common Stocks - Closed-End Funds - Designations Not Assigned by the SVO									
46138E-35-4	INVESCO S&P500 LOWVL		.09/29/2022	Various	967,980,000	58,663,212			
808524-79-7	SCHWAB STR:US DIV EQ ETF		.09/29/2022	Various	1,087,000,000	78,266,068			
5819999999. Subtotal - Common Stocks - Exchange Traded Funds									
						136,929,279	XXX		XXX
5989999997. Total - Common Stocks - Part 3							187,424,172	XXX	XXX
5989999998. Total - Common Stocks - Part 5							XXX	XXX	XXX
5989999999. Total - Common Stocks							187,424,172	XXX	XXX
5999999999. Total - Preferred and Common Stocks							187,528,349	XXX	XXX
6009999999 - Totals							1,527,204,975	XXX	6,201,783 XXX

STATEMENT AS OF SEPTEMBER 30, 2022 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
268207-AA-5	DY7 LEASING LLC	C	09/10/2022	Paydown		4,714	4,714	4,714	4,714						4,714				91	12/10/2025	1.A
36176M-PD-9	G2 770220 - RMBS		09/01/2022	Paydown		19,338	19,338	20,680	20,260		(921)		(921)		19,338				536	07/20/2031	1.A
36176M-PE-7	G2 770221 - RMBS		09/01/2022	Paydown		7,147	7,147	7,641	7,544		(397)		(397)		7,147				178	06/20/2036	1.A
36176M-PF-4	G2 770222 - RMBS		09/01/2022	Paydown		15,996	15,996	17,586	17,105		(1,109)		(1,109)		15,996				412	08/20/2031	1.A
36179M-NG-1	G2 MA0391 - RMBS		09/01/2022	Paydown		12,275	12,275	12,158	12,150		124		124		12,275				61	09/20/2042	1.A
36179M-TZ-1	G2 MA7768 - RMBS		09/01/2022	Paydown		821,117	821,117	854,037	853,907		(32,790)		(32,790)		821,117				16,586	12/20/2051	1.A
3617AA-X3-3	G2 A09698 - RMBS		09/01/2022	Paydown		6,677	6,677	6,915	6,890		(213)		(213)		6,677				36	01/20/2036	1.A
36180B-A1-7	G2 A00023 - RMBS		09/01/2022	Paydown		11,643	11,643	12,429	12,283		(640)		(640)		11,643				252	04/20/2033	1.A
36182N-RN-5	G2 AH5893 - RMBS		09/01/2022	Paydown		2,478	2,478	2,614	2,594		(116)		(116)		2,478				17	04/20/2039	1.A
36183Q-ZB-4	GN AK7038 - RMBS		09/01/2022	Paydown		530	530	549	578		(48)		(48)		530				11	03/15/2045	1.A
36185B-GJ-8	GN AM8557 - RMBS		09/01/2022	Paydown		47,514	47,514	48,680	49,310		(1,796)		(1,796)		47,514				835	05/15/2045	1.A
36193P-DW-2	G2 AS4617 - RMBS		09/01/2022	Paydown		2,408	2,408	2,553	2,608		(200)		(200)		2,408				56	04/20/2046	1.A
36200M-J6-1	GN 604285 - RMBS		09/01/2022	Paydown		1,120	1,120	1,060	1,070		50		50		1,120				8	05/15/2033	1.A
36200N-YN-5	GN 605617 - RMBS		09/01/2022	Paydown		984	984	979	980		5		5		984				10	07/15/2034	1.A
36205A-MX-9	GN 384774 - RMBS		09/01/2022	Paydown		777	777	767	773		5		5		777				36	10/15/2025	1.A
36205A-NN-0	GN 384797 - RMBS		09/01/2022	Paydown		614	614	606	610		4		4		614				29	09/15/2025	1.A
36209R-YC-1	GN 479607 - RMBS		09/01/2022	Paydown		2,581	2,581	2,737	2,738		(157)		(157)		2,581				69	10/15/2041	1.A
3620A6-CS-4	GN 720181 - RMBS		09/01/2022	Paydown		26,016	26,016	25,703	25,697		320		320		26,016				687	07/15/2039	1.A
3620A6-DV-6	GN 720216 - RMBS		09/01/2022	Paydown		48,450	48,450	48,246	48,246		214		214		48,450				1,307	07/15/2039	1.A
3620A6-FR-3	GN 720276 - RMBS		09/01/2022	Paydown		12,955	12,955	13,159	13,183		(228)		(228)		12,955				389	08/15/2039	1.A
3620A9-3J-8	GN 723601 - RMBS		09/01/2022	Paydown		3,017	3,017	3,173	3,170		(153)		(153)		3,017				25	01/15/2040	1.A
3620A9-YU-9	GN 723523 - RMBS		09/01/2022	Paydown		111,603	111,603	113,870	113,652		(2,049)		(2,049)		111,603				3,475	12/15/2039	1.A
3620A9-ZA-2	GN 723537 - RMBS		09/01/2022	Paydown		34,922	34,922	34,987	34,985		(63)		(63)		34,922				1,077	12/15/2039	1.A
3620AK-YQ-3	GN 732519 - RMBS		09/01/2022	Paydown		5,745	5,745	6,166	6,292		(547)		(547)		5,745				180	07/15/2040	1.A
3620AR-3D-1	GN 737996 - RMBS		09/01/2022	Paydown		22,980	22,980	22,872	22,876		104		104		22,980				123	02/15/2041	1.A
3620AX-6F-0	GN 743470 - RMBS		09/01/2022	Paydown		3,261	3,261	3,542	3,515		(255)		(255)		3,261				25	06/15/2040	1.A
36230L-CT-4	GN 751882 - RMBS		09/01/2022	Paydown		1,424	1,424	1,347	1,364		60		60		1,424				9	11/15/2040	1.A
36241K-GU-6	GN 782011 - RMBS		09/01/2022	Paydown		2,282	2,282	2,150	2,169		112		112		2,282				15	12/15/2035	1.A
36290Q-JN-6	GN 614169 - RMBS		09/01/2022	Paydown		2,555	2,555	2,419	2,452		103		103		2,555				21	07/15/2033	1.A
36290V-ZG-8	GN 619175 - RMBS		09/01/2022	Paydown		911	911	931	927		(16)		(16)		911				8	12/15/2034	1.A
36296F-U6-8	GN 690105 - RMBS		09/01/2022	Paydown		17,609	17,609	18,338	18,317		(708)		(708)		17,609				161	07/15/2038	1.A
36296Q-Y7-8	GN 698334 - RMBS		09/01/2022	Paydown		20,787	20,787	20,537	20,537		250		250		20,787				543	05/15/2039	1.A
36296T-RA-3	GN 700781 - RMBS		09/01/2022	Paydown		1,808	1,808	1,890	1,888		(80)		(80)		1,808				17	10/15/2038	1.A
38378G-RM-2	GNR 2012-143 LA - CMO/RMBS		09/01/2022	Paydown		1,198	1,198	1,153	1,152		46		46		1,198				8	12/20/2042	1.A
38378Y-TN-9	GNR 2013-165 LZ - CMO/RMBS		09/01/2022	Paydown		542,188	542,188	434,209	483,410		58,779		58,779		542,188				8,950	11/16/2043	1.A
42328B-AE-2	HELIOS LEASING I LLC		08/16/2022	Paydown		7,710	7,710	7,710	7,710						7,710				106	05/16/2025	1.A
911760-DU-7	VENDE 1994-2 2 - CMO/RMBS		09/01/2022	Paydown		1,093	1,093	1,109	1,093		51		51		1,093				40	05/15/2024	1.A
911760-FH-4	VENDE 1995-1 2 - CMO/RMBS		09/01/2022	Paydown		2,825	2,825	2,679	2,774		51		51		2,825				147	02/15/2025	1.A
911760-FZ-4	VENDE 1995-2 1 - CMO/RMBS		09/01/2022	Paydown		4,347	4,347	4,190	4,300		47		47		4,347				187	06/15/2025	1.A
911760-GJ-9	VENDE 1995-2 3 - CMO/RMBS		09/01/2022	Paydown		3,213	3,213	3,375	3,247		(34)		(34)		3,213				188	06/15/2025	1.A
911760-KG-0	VENDE 1997-1 3A - CMO/RMBS		09/01/2022	Paydown		672	672	690	675		(3)		(3)		672				10	12/15/2026	1.A
912810-FP-8	U.S. TREASURY		07/15/2022	MORGAN STANLEY		2,760,864	2,335,000	2,477,605	2,408,683		(3,542)		(3,542)		2,406,001		354,863	354,863	115,799	02/15/2031	1.A
912810-FR-4	UNITED STATES TREASURY		07/18/2022	WELLS FARGO SECUR		1,218,732	1,157,685	1,149,284	1,203,451		(209,494)		(202,247)		1,001,204		217,528	217,528	27,124	01/15/2025	1.A
912810-FS-2	UNITED STATES TREASURY		07/18/2022	NOMURA SECURITIES		774,208	732,980	706,793	761,269		(134,930)		(131,125)		630,144		144,065	144,065	14,462	01/15/2026	1.A
912810-PZ-5	UNITED STATES TREASURY		07/18/2022	NOMURA SECURITIES		760,228	677,595	649,558	719,712		(134,878)		(133,424)		586,288		173,940	173,940	16,712	01/15/2025	1.A
912810-QF-8	UNITED STATES TREASURY		07/18/2022	NOMURA SECURITIES		844,898	538,468	561,995	619,897		(83,025)		(1,465)		535,408		109,490	109,490	10,342	02/15/2040	1.A
912810-QP-6	UNITED STATES TREASURY		07/18/2022	CITIGROUP GLOBAL		332,160	395,737	264,784	328,613		(66,056)		(65,307)		263,306		132,431	132,431	6,379	02/15/2025	1.A
912810-TD-0	UNITED STATES TREASURY		07/28/2022	GOLDMAN SACHS		3,897,997	4,600,000	3,901,573						3,901,573		(3,576)	(3,576)	47,747	02/15/2052	1.A	
912810-TG-3	UNITED STATES TREASURY		09/13/2022	Various		15,578,826	17,100,000	15,737,787			56		56	15,737,843		(159,017)	(159,017)	154,305	05/15/2052	1.A	
912810-TH-1	UNITED STATES TREASURY		08/01/2022	BARCLAYS CAPITAL		2,538,281	2,500,000	2,522,471			(130)		(130)	2,522,341		15,940	15,940	17,442	05/15/2042	1.A	
912810-TK-4	UNITED STATES TREASURY		09/13/2022	Various		13,147,065	13,600,000	13,315,867			8		8	13,315,875		(168,809)	(168,809)	30,962	08/15/2042	1.A	
912828-3I-8	UNITED STATES TREASURY		07/22/2022	J P MORGAN SECUR		495,918	500,000	495,432	497,047		251		251	497,299				12,952	02/15/2028	1.A	
912828-N7-1	UNITED STATES TREASURY		07/18/2022	NOMURA SECURITIES		1,174,288	1,163,294	997,499	1,127,121		(127,128)		(121,705)		1,005,416		168,872	168,872	7,173	01/15/2026	1.A
912828-TE-0	UNITED STATES TREASURY		07/15/2022	Maturity @ 100.00		315,865	315,865	243,884	321,097		(50,466)		(38,								

STATEMENT AS OF SEPTEMBER 30, 2022 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
912828-TJ-9	UNITED STATES TREASURY		08/15/2022	Maturity @ 100.00		700,000	700,000	690,460	699,452		653		653		700,000				11,975	08/15/2022	1.A
912828-UH-1	UNITED STATES TREASURY		07/18/2022	CITIGROUP GLOBAL		445,238	441,189	355,182	439,646	(66,543)	11,328		(55,215)		384,431		60,807	60,807	544	01/15/2023	1.A
912828-V2-3	UNITED STATES TREASURY		08/04/2022	WELLS FARGO SECUR		543,576		535,464	545,330		1,765		1,765		545,741		(2,165)	(2,165)	7,398	12/31/2023	1.A
912828-VM-9	UNITED STATES TREASURY		07/18/2022	NOMURA SECURITIES		946,857	937,703	733,439	919,674	(137,067)	19,689		(117,378)		802,296		144,561	144,561	3,469	07/15/2023	1.A
912828-W7-1	UNITED STATES TREASURY		07/15/2022	BARCLAYS CAPITAL		196,633	200,000	195,289	195,289						195,289		1,344	1,344	3,391	03/31/2024	1.A
912828-WU-0	UNITED STATES TREASURY		07/18/2022	CITIGROUP GLOBAL		2,274,544	2,266,935	1,853,248	2,185,332	(273,767)	24,716		(249,052)		1,936,280		338,263	338,263	2,795	07/15/2024	1.A
912828-XL-9	UNITED STATES TREASURY		07/18/2022	CITIGROUP GLOBAL		1,974,969	1,963,088	1,646,536	1,881,163	(207,970)	12,629		(195,340)		1,685,822		289,146	289,146	7,262	07/15/2025	1.A
912828-ZS-2	UNITED STATES TREASURY		08/04/2022	BARCLAYS CAPITAL		896,211	1,000,000	889,652			6,340		6,340		895,993		218	218	3,402	05/31/2027	1.A
912828-DN-8	UNITED STATES TREASURY		08/15/2022	CREDIT SUISSE		4,045,469	4,250,000	4,251,660	4,251,636		(339)		(339)		4,251,297		(205,828)	(205,828)	28,333	12/15/2024	1.A
912828-DY-4	UNITED STATES TREASURY		07/22/2022	BANK OF AMERICA		3,762,689	4,075,000	3,722,583			8,194		8,194		3,730,377				33,771	02/15/2032	1.A FE
912828-EC-1	UNITED STATES TREASURY		08/04/2022	J P MORGAN SECUR		359,897	375,000	363,429			775		775		364,204		(4,306)	(4,306)	3,019	02/28/2027	1.A FE
912828-EE-7	UNITED STATES TREASURY		08/01/2022	GOLDMAN SACHS		3,926,719	4,000,000	3,888,297			4,485		4,485		3,892,782		33,937	33,937	32,186	03/31/2029	1.A FE
912828-EK-3	UNITED STATES TREASURY		08/04/2022	BARCLAYS CAPITAL		2,475,098	2,500,000	2,498,641			173		173		2,498,815		(23,717)	(23,717)	16,474	04/30/2024	1.A FE
912828-EP-2	UNITED STATES TREASURY		07/28/2022	BANC OF AMERICA		5,077,714	5,000,000	5,045,723							5,045,723		31,991	31,991	30,469	05/15/2032	1.A FE
912828-ES-6	UNITED STATES TREASURY		07/15/2022	BARCLAYS CAPITAL		2,949,727	3,000,000	2,952,082			716		716		2,952,798		(3,071)	(3,071)	10,820	05/31/2029	1.A FE
912828-ET-4	UNITED STATES TREASURY		08/01/2022	CITIGROUP GLOBAL		1,996,953	2,000,000	1,968,210			931		931		1,969,140		27,813	27,813	9,037	05/31/2027	1.A FE
912828-EY-3	UNITED STATES TREASURY		08/03/2022	Various		10,023,210	10,000,000	10,003,940			(3)		(3)		10,003,937		19,273	19,273	14,570	07/15/2025	1.A FE
912828-FA-4	UNITED STATES TREASURY		08/22/2022	Various		33,425,152	33,600,000	33,403,488			561		561		33,404,049		21,103	21,103	46,485	07/31/2024	1.A
912828-FC-0	UNITED STATES TREASURY		08/19/2022	Various		54,584,940	55,575,000	54,445,625			2,888		2,888		54,448,513		136,426	136,426	80,275	07/31/2029	1.A
912828-FE-6	UNITED STATES TREASURY		09/08/2022	Various		25,626,994	25,900,000	25,661,708			71		71		25,661,779		(34,785)	(34,785)	49,822	08/15/2025	1.A
912828-FF-3	UNITED STATES TREASURY		09/01/2022	Various		23,089,730	24,100,000	23,274,053			53		53		23,274,107		(184,377)	(184,377)	39,789	08/15/2032	1.A
912828-FF-3	UNITED STATES TREASURY		09/13/2022	Various		6,036,259	6,400,000	6,082,026			75		75		6,082,100		(45,841)	(45,841)	14,826	08/15/2032	1.A FE
912828-FG-1	UNITED STATES TREASURY		09/21/2022	Various		20,711,594	20,950,000	20,761,041			1,226		1,226		20,762,267		(50,672)	(50,672)	34,885	08/31/2024	1.A FE
912828-FH-9	UNITED STATES TREASURY		09/07/2022	Various		5,932,295	6,000,000	5,958,536							5,958,536		(26,240)	(26,240)	4,144	08/31/2029	1.A
912828-FJ-5	UNITED STATES TREASURY		09/20/2022	Various		47,114,193	48,075,000	47,127,095			387		387		47,127,482		(13,289)	(13,289)	48,329	08/31/2029	1.A
912828-FJ-5	UNITED STATES TREASURY		09/28/2022	BANC OF AMERICA		4,913,765	5,140,000	4,907,696							4,907,696		6,069	6,069	13,311	08/31/2029	1.A FE
0109999999. Subtotal - Bonds - U.S. Governments						309,570,820	316,389,448	308,010,790	20,924,150	(1,491,323)	141,358		(1,349,966)		308,005,110		1,565,710	1,565,710	1,048,883	XXX	XXX
01026C-AC-5	ALABAMA ECONOMIC		08/05/2022	Redemption @ 100.00		105,000	105,000	105,617	105,378		(68)		(68)		105,309		(309)	(309)	1,661	09/15/2025	1.G FE
040654-VN-2	ARIZONA ST TRANSPN BRD HIY REV		07/01/2022	Call @ 100.00		13,650,000		14,865,123	13,724,418		(74,418)		(74,418)		13,650,000				546,000	07/01/2030	1.C FE
30711X-AT-1	CAS 2015-C01 1M2 - CMO/CMO/RMBS		09/26/2022	Paydown		54,483	54,483	57,876	57,205		(2,722)		(2,722)		54,483				1,846	02/25/2025	1.D
30711X-CB-8	CAS 2016-C02 1M2 - CMO/RMBS		09/26/2022	Paydown		107,151	107,151	112,169	112,850		(5,699)		(5,699)		107,151				2,049	09/25/2028	1.D
30711X-DK-7	CAS 2016-C05 2M2 - CMO/RMBS		09/26/2022	Paydown		175,731	175,731	191,032	181,629		(5,898)		(5,898)		175,731				2,673	01/25/2029	1.D
30711X-GP-3	CAS 2017-C02 2M2 - CMO/RMBS		09/26/2022	Paydown		13,028	13,028	13,763	13,185		(157)		(157)		13,028				384	09/25/2029	1.D
30768II-AA-6	FARM 2021-1 A - CMO/RMBS		09/01/2022	Paydown		91,312	91,312	91,275	91,274		38		38		91,312				973	01/25/2051	1.B Z
3128K7-NM-6	FH A46696 - RMBS		09/01/2022	Paydown		1,505	1,505	1,383	1,363		141		141		1,505				45	08/01/2035	1.A
3128LX-AE-0	FH G01805 - RMBS		09/01/2022	Paydown		15,664	15,664	15,248	15,304		360		360		15,664				471	04/01/2035	1.A
3128LX-KD-1	FH G02092 - RMBS		09/01/2022	Paydown		34,862	34,862	33,936	34,032		830		830		34,862				1,123	02/01/2036	1.A
3128M7-JC-1	FH G05359 - RMBS		09/01/2022	Paydown		24,954	24,954	24,588	24,645		310		310		24,954				654	11/01/2033	1.A
3128M9-VV-1	FH G07528 - RMBS		09/01/2022	Paydown		154,861	154,861	149,211	148,498		6,363		6,363		154,861				3,081	09/01/2043	1.A
3128MD-RJ-4	FH G14789 - RMBS		09/01/2022	Paydown		14,565	14,565	15,300	15,092		(527)		(527)		14,565				289	07/01/2028	1.A
3128MF-QB-7	FH G16550 - RMBS		09/01/2022	Paydown		14,627	14,627	14,357	14,326		301		301		14,627				289	05/01/2033	1.A
3128MJ-2M-1	FH G08779 - RMBS		09/01/2022	Paydown		158,790	158,790	158,901	159,016		(227)		(227)		158,790				3,704	09/01/2047	1.A
3128MJ-2S-8	FH G08784 - RMBS		09/01/2022	Paydown		60,682	60,682	62,443	63,107		(2,425)		(2,425)		60,682				1,401	10/01/2047	1.A
3128MJ-4V-9	FH G08835 - RMBS		09/01/2022	Paydown		36,222	36,222	36,438	36,564		(342)		(342)		36,222				849	09/01/2048	1.A
3128MJ-S3-5	FH G08537 - RMBS		09/01/2022	Paydown		208,222	208,222	200,576	199,676		8,546		8,546		208,222				4,118	07/01/2043	1.A
3128MJ-SS-0	FH G08528 - RMBS		09/01/2022	Paydown		174,210	174,210	167,745	166,850		7,360		7,360		174,210				3,449	04/01/2043	1.A
3128MJ-Y6-1	FH G08732 - RMBS		09/01/2022	Paydown		75,983	75,983	79,447	79,164		(3,180)		(3,180)		75,983				1,504	11/01/2046	1.A
3128MJ-ZM-5	FH G08747 - RMBS		07/14/2022	Various		749,007	790,982	789,869	789,823		(14)		(14)		789,809		(40,802)	(40,802)	14,753	02/01/2047	1.A
3128MJ-ZQ-6	FH G08750 - RMBS		09/01/2022	Paydown		163,189	163,189	162,449	162,337		852		852		163,189				3,249	03/01/2047	1.A
3128MI-UC-5	FH G18578 - RMBS		09/01/2022	Paydown		42,323	42,323	43,651	43,459		(1,136)		(1,136)		42,323				846	12/01/2040	1.A
3128MI-UG-6	FH G18582 - RMBS		09/01/2022	Paydown		67,004	67,004	70,462	70,084		(3,079)		(3,079)		67,004						

STATEMENT AS OF SEPTEMBER 30, 2022 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- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn- ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date	NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
3128MM-W7-4	FH G18669 - RMBS		09/01/2022	Paydown		188,676	188,676	186,881	186,785		1,891		1,891		188,676				3,168	12/01/2032	1.A
3128MM-WU-3	FH G18658 - RMBS		09/01/2022	Paydown		179,998	179,998	179,891	179,847		150		150		179,998				2,969	09/01/2032	1.A
3128MM-WY-5	FH G18662 - RMBS		09/01/2022	Paydown		60,968	60,968	61,092	61,100		(133)		(133)		60,968				1,001	10/01/2032	1.A
3128MM-X8-1	FH G18702 - RMBS		09/01/2022	Paydown		15,751	15,751	15,753	15,757		(6)		(6)		15,751				367	08/01/2033	1.A
3128MM-XF-5	FH G18677 - RMBS		09/01/2022	Paydown		12,494	12,494	12,444	12,444		52		52		12,494				244	02/01/2033	1.A
3128MM-YK-4	FH G18681 - RMBS		09/01/2022	Paydown		22,532	22,532	22,584	22,595		(63)		(63)		22,532				446	03/01/2033	1.A
3128PU-QN-0	FH J14577 - RMBS		09/01/2022	Paydown		29,421	29,421	31,182	30,351		(930)		(930)		29,421				677	03/01/2026	1.A
3129ZL-FD-2	FH C03764 - RMBS		09/27/2022	Various		1,574,084	1,709,271	1,698,588	1,692,999		(3)		(3)		1,698,121		(124,037)	(124,037)	48,927	02/01/2042	1.A
3129ZL-GC-3	FH C03795 - RMBS		09/01/2022	Paydown		137,067	137,067	136,071	135,998		1,069		1,069		137,067				3,090	04/01/2042	1.A
3129ZS-A6-7	FH C09029 - RMBS		09/01/2022	Paydown		86,306	86,306	83,852	83,567		2,739		2,739		86,306				1,709	03/01/2043	1.A
312930-VK-3	FH A84218 - RMBS		09/01/2022	Paydown		23,193	23,193	23,255	23,242		(49)		(49)		23,193				685	05/01/2038	1.A
312936-Y2-7	FH A89729 - RMBS		09/01/2022	Paydown		31,083	31,083	31,492	31,496		(413)		(413)		31,083				875	11/01/2039	1.A
312936-YZ-4	FH A89728 - RMBS		09/01/2022	Paydown		84,651	84,651	85,352	85,365		(714)		(714)		84,651				2,128	10/01/2039	1.A
312939-JD-4	FH A91160 - RMBS		09/01/2022	Paydown		141,574	141,574	141,957	141,946		(372)		(372)		141,574				4,116	02/01/2040	1.A
312942-2T-1	FH A94386 - RMBS		09/01/2022	Paydown		87,572	87,572	87,306	87,307		265		265		87,572				2,087	10/01/2040	1.A
312943-BR-3	FH A94548 - RMBS		09/01/2022	Paydown		25,711	25,711	25,373	25,368		342		342		25,711				686	10/01/2040	1.A
312943-F3-2	FH A94686 - RMBS		09/01/2022	Paydown		90,078	90,078	89,078	89,087		990		990		90,078				2,567	11/01/2040	1.A
312943-F4-0	FH A94687 - RMBS		09/01/2022	Paydown		84,069	84,069	83,137	83,270		799		799		84,069				2,240	11/01/2040	1.A
312945-A4-0	FH A96327 - RMBS		09/01/2022	Paydown		156,005	156,005	154,555	154,592		1,413		1,413		156,005				4,277	01/01/2041	1.A
31297V-7G-7	FH A39895 - RMBS		09/01/2022	Paydown		8,457	8,457	8,308	8,335		122		122		8,457				304	11/01/2035	1.A
3131WD-5T-9	FH Z11758 - RMBS		09/01/2022	Paydown		3,135	3,135	3,093	3,094		41		41		3,135				28	05/01/2034	1.A
3131WD-7E-0	FH Z11793 - RMBS		09/01/2022	Paydown		6,447	6,447	6,361	6,370		77		77		6,447				59	05/01/2034	1.A
3131WD-BJ-4	FH Z10941 - RMBS		09/01/2022	Paydown		4,335	4,335	4,310	4,310		25		25		4,335				37	11/01/2033	1.A
3131WE-2S-2	FH Z12585 - RMBS		09/01/2022	Paydown		2,110	2,110	2,116	2,116		(6)		(6)		2,110				19	10/01/2034	1.A
3131WF-SC-6	FH Z13215 - RMBS		09/01/2022	Paydown		258	258	253	251		7		7		258				2	04/01/2035	1.A
3131WG-6B-0	FH Z14466 - RMBS		09/01/2022	Paydown		2,100	2,100	2,119	2,114		(14)		(14)		2,100				19	07/01/2035	1.A
3131WG-FR-5	FH Z13776 - RMBS		09/01/2022	Paydown		229	229	240	246		(17)		(17)		229				2	11/01/2035	1.A
3131WG-HH-5	FH Z13832 - RMBS		09/01/2022	Paydown		386	386	380	380		7		7		386				3	11/01/2035	1.A
3131WK-VP-2	FH Z16922 - RMBS		09/01/2022	Paydown		657	657	681	676		(20)		(20)		657				8	12/01/2037	1.A
3131WM-HH-9	FH Z18345 - RMBS		09/01/2022	Paydown		542	542	551	553		(11)		(11)		542				5	12/01/2038	1.A
3131WN-6F-6	FH Z19870 - RMBS		09/01/2022	Paydown		11,113	11,113	11,444	11,455		(342)		(342)		11,113				93	04/01/2040	1.A
3131WO-QA-5	FH Z19449 - RMBS		09/01/2022	Paydown		7,294	7,294	7,600	7,630		(336)		(336)		7,294				61	11/01/2039	1.A
3131WO-LY-1	FH ZJ0343 - RMBS		09/01/2022	Paydown		9,035	9,035	9,528	9,609		(574)		(574)		9,035				51	08/01/2040	1.A
3131WO-OP-5	FH ZJ0462 - RMBS		09/01/2022	Paydown		10,628	10,628	10,800	10,827		(199)		(199)		10,628				70	09/01/2040	1.A
3131WO-RU-3	FH ZJ0499 - RMBS		09/01/2022	Paydown		1,337	1,337	1,387	1,406		(69)		(69)		1,337				10	09/01/2040	1.A
3131WO-UC-9	FH ZJ0579 - RMBS		09/01/2022	Paydown		1,776	1,776	1,818	1,849		(73)		(73)		1,776				12	10/01/2040	1.A
3131WO-XU-6	FH ZJ0691 - RMBS		09/01/2022	Paydown		37,828	37,828	37,632	37,623		205		205		37,828				215	11/01/2040	1.A
3131WR-GC-3	FH ZJ1095 - RMBS		09/01/2022	Paydown		24,446	24,446	24,873	25,016		(570)		(570)		24,446				178	01/01/2041	1.A
3131WR-KD-6	FH ZJ1192 - RMBS		09/01/2022	Paydown		17,805	17,805	17,405	17,352		453		453		17,805				116	02/01/2041	1.A
3131WR-LV-5	FH ZJ1240 - RMBS		09/01/2022	Paydown		33,252	33,252	33,459	33,485		(233)		(233)		33,252				231	02/01/2041	1.A
3131WR-R9-8	FH ZJ1412 - RMBS		09/01/2022	Paydown		9,611	9,611	10,170	10,240		(629)		(629)		9,611				72	03/01/2041	1.A
3131WX-D4-1	FH ZJ6423 - RMBS		09/01/2022	Paydown		2,486	2,486	2,563	2,548		(62)		(62)		2,486				27	09/01/2032	1.A
3131XG-LC-0	FH ZL1223 - RMBS		09/01/2022	Paydown		3,052	3,052	3,153	3,178		(126)		(126)		3,052				23	04/01/2041	1.A
3131XG-LD-8	FH ZL1224 - RMBS		09/01/2022	Paydown		23,121	23,121	23,855	23,877		(755)		(755)		23,121				173	04/01/2041	1.A
3131XH-BQ-8	FH ZL1847 - RMBS		09/01/2022	Paydown		25,988	25,988	26,936	27,053		(1,065)		(1,065)		25,988				93	08/01/2041	1.A
3131XL-SL-1	FH ZL2323 - RMBS		09/01/2022	Paydown		91,584	91,584	95,312	96,334		(4,751)		(4,751)		91,584				472	11/01/2041	1.A
3131XJ-4V-1	FH ZL3536 - RMBS		09/01/2022	Paydown		9,040	9,040	9,633	9,659		(619)		(619)		9,040				206	08/01/2042	1.A
31329J-5X-5	FH ZA0862 - RMBS		09/01/2022	Paydown		879	879	912	906		(27)		(27)		879				10	11/01/2032	1.A
31329J-5Y-9	FH ZA1763 - RMBS		09/01/2022	Paydown		492	492	503	496		(4)		(4)		492				16	03/01/2033	1.A
3132A1-BY-9	FH ZS0955 - RMBS		09/01/2022	Paydown		2,571	2,571	2,536	2,539		32		32		2,571				24	10/01/2035	1.A
3132A1-VU-5	FH ZS1527 - RMBS		09/01/2022	Paydown		1,961	1,961	2,003	2,003		(42)		(42)		1,961				21	06/01/2036	1.A
3132A2-FV-9	FH ZS1980 - RMBS		09/01/2022	Paydown		594	594	629	630		(36)		(36)		594				6	09/01/2037	1.A
3132A3-NH-6	FH ZS3105 - RMBS		09/01/2022	Paydown		22,785	22,785	22,452	22,441		344		344		22,785				157	02/01/2041	1.A
3132A3-QD-5	FH ZS3152 - RMBS		09/01/2022	Paydown		16,742	16,742	16,808	16,812		(70)		(70)		16,742				129	03/01/2041	1.A

STATEMENT AS OF SEPTEMBER 30, 2022 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
3132A3-SL-5	FH ZS3223 - RMBS		09/01/2022	Paydown		10,435	10,435	10,781	10,837		(402)		(402)		10,435				.51	02/01/2041	1.A
3132A3-TF-7	FH ZS3250 - RMBS		09/01/2022	Paydown		16,461	16,461	16,506	16,511		(50)		(50)		16,461				.119	06/01/2041	1.A
3132A4-UQ-9	FH ZS4191 - RMBS		09/01/2022	Paydown		10,423	10,423	10,214	10,214		203		203		10,423				.108	07/01/2035	1.A
3132A4-UT-3	FH ZS4194 - RMBS		09/01/2022	Paydown		1,336	1,336	1,280	1,278		59		59		1,336				.10	08/01/2035	1.A
3132A7-ND-9	FH ZS6688 - RMBS		09/01/2022	Paydown		4,340	4,340	4,474	4,451		(111)		(111)		4,340				.73	04/01/2028	1.A
3132AC-YM-6	FH ZT0716 - RMBS		09/01/2022	Paydown		13,326	13,326	13,666	13,742		(416)		(416)		13,326				.263	10/01/2023	1.A
3132AD-LT-3	FH ZT1238 - RMBS		09/01/2022	Paydown		4,339	4,339	4,626	4,676		(336)		(336)		4,339				.115	07/01/2042	1.A
3132D5-3M-2	FH SB8004 - RMBS		09/01/2022	Paydown		81,331	81,331	81,966	82,187		(857)		(857)		81,331				1,326	07/01/2034	1.A
3132D5-3R-1	FH SB8008 - RMBS		09/01/2022	Paydown		33,597	33,597	33,854	33,940		(344)		(344)		33,597				.555	08/01/2034	1.A
3132D5-3T-7	FH SB8010 - RMBS		09/01/2022	Paydown		15,016	15,016	15,139	15,166		(151)		(151)		15,016				.249	10/01/2034	1.A
3132D5-3Y-6	FH SB8015 - RMBS		09/01/2022	Paydown		175,089	175,089	176,786	177,193		(2,105)		(2,105)		175,089				2,918	11/01/2035	1.A
3132D5-6J-6	FH SB8073 - RMBS		09/01/2022	Paydown		359,431	359,431	367,714	367,564		(8,133)		(8,133)		359,431				3,569	11/01/2035	1.A
3132D6-AT-7	FH SB8118 - RMBS		09/01/2022	Paydown		120,715	120,715	122,677	122,586		(1,871)		(1,871)		120,715				1,200	09/01/2036	1.A
3132D6-AX-8	FH SB8122 - RMBS		09/01/2022	Paydown		84,045	84,045	85,125	85,098		(1,053)		(1,053)		84,045				.843	10/01/2036	1.A
3132DV-3M-5	FH SD8004 - RMBS		09/01/2022	Paydown		149,562	149,562	150,678	151,400		(1,838)		(1,838)		149,562				2,981	08/01/2049	1.A
3132DV-3T-0	FH SD8010 - RMBS		09/01/2022	Paydown		224,404	224,404	227,595	229,273		(4,868)		(4,868)		224,404				4,439	09/01/2049	1.A
3132DV-4E-2	FH SD8021 - RMBS		09/01/2022	Paydown		182,354	182,354	181,606	181,422		932		932		182,354				2,978	09/01/2049	1.A
3132DV-4H-5	FH SD8024 - RMBS		09/01/2022	Paydown		238,199	238,199	242,963	245,243		(7,043)		(7,043)		238,199				4,710	11/01/2049	1.A
3132DV-5K-7	FH SD8050 - RMBS		09/01/2022	Paydown		20,287	20,287	20,785	20,785		(738)		(738)		20,287				.403	03/01/2050	1.A
3132DV-5W-1	FH SD8061 - RMBS		09/01/2022	Paydown		357,806	357,806	372,355	376,782		(18,977)		(18,977)		357,806				4,084	05/01/2050	1.A
3132DV-6C-4	FH SD8067 - RMBS		09/01/2022	Paydown		484,259	484,259	505,029	510,943		(26,685)		(26,685)		484,259				7,039	06/01/2050	1.A
3132DV-6R-1	FH SD8080 - RMBS		09/01/2022	Paydown		192,621	192,621	198,565	199,229		(6,608)		(6,608)		192,621				2,551	06/01/2050	1.A
3132DV-6U-4	FH SD8083 - RMBS		09/01/2022	Paydown		607,527	607,527	635,981	642,395		(34,869)		(34,869)		607,527				10,044	08/01/2050	1.A
3132DV-7K-5	FH SD8098 - RMBS		09/01/2022	Var ious		1,844,502	2,039,678	2,106,684	2,108,838		(15,625)		(15,625)		2,093,213		(248,712)	(248,712)	25,233	10/01/2050	1.A
3132DV-7L-3	FH SD8099 - RMBS		09/27/2022	Var ious		2,142,684	2,461,530	2,571,625	2,588,262		(23,270)		(23,270)		2,564,992		(422,308)	(422,308)	48,386	10/01/2050	1.A
3132DV-AD-5	FH SD8104 - RMBS		09/01/2022	Paydown		941,626	941,626	948,820	948,601		(6,975)		(6,975)		941,626				8,518	11/01/2050	1.A
3132DV-AH-6	FH SD8108 - RMBS		09/01/2022	Paydown		703,169	703,169	736,240	734,339		(31,170)		(31,170)		703,169				13,883	11/01/2050	1.A
3132DV-AH-5	FH SD8112 - RMBS		09/01/2022	Paydown		288,533	288,533	290,382	290,312		(1,778)		(1,778)		288,533				2,345	12/01/2050	1.A
3132HQ-YS-5	FH Q14321 - RMBS		09/01/2022	Paydown		98,849	98,849	94,493	94,007		4,842		4,842		98,849				1,962	12/01/2042	1.A
3132WH-5N-1	FH Q44452 - RMBS		09/01/2022	Var ious		783,601	818,297	810,114	808,283		1,282		1,282		809,565		(25,965)	(25,965)	15,458	11/01/2046	1.A
3132WH-JU-0	FH Q43874 - RMBS		09/01/2022	Paydown		31,721	31,721	31,483	31,463		258		258		31,721				.630	10/01/2046	1.A
31335A-3T-3	FH G60810 - RMBS		09/01/2022	Paydown		56,426	56,426	55,421	55,278		1,148		1,148		56,426				1,134	11/01/2046	1.A
3133AM-EP-7	FH QC2842 - RMBS		09/01/2022	Paydown		68,317	68,317	70,780	70,724		(2,407)		(2,407)		68,317				1,134	06/01/2051	1.A
3133KJ-L-1	FH RA3575 - RMBS		09/01/2022	Paydown		274,858	274,858	280,237	280,106		(5,248)		(5,248)		274,858				3,597	09/01/2050	1.A
3133KK-7E-3	FH RA4493 - RMBS		09/01/2022	Paydown		274,142	274,142	283,834	283,491		(9,349)		(9,349)		274,142				3,071	02/01/2051	1.A
3133T3-KF-4	FHR 1628 KZ - CMO/RMBS		09/01/2022	Paydown		1,824	1,824	1,868	1,828		(4)		(4)		1,824				.18	12/15/2023	1.A
3133TB-5V-8	FHR 1992 L - CMO/RMBS		09/01/2022	Paydown		673	673	665	670		4		4		673				.29	09/15/2027	1.A
3133TG-E9-6	FHR 2086 GB - CMO/RMBS		09/01/2022	Paydown		156	156	166	164		(8)		(8)		156				.6	09/15/2028	1.A
31359L-AH-8	FNR G949 PJ - CMO/RMBS		09/01/2022	Paydown		13,088	13,088	11,855	12,859		229		229		13,088				568	08/17/2024	1.A
3136A0-AZ-0	FNR 2011-69 GB - CMO/RMBS		09/01/2022	Paydown		148,631	148,631	146,774	147,638		994		994		148,631				3,903	07/25/2031	1.A
3136AF-3L-6	FNR 2013-86 GY - CMO/RMBS		09/01/2022	Paydown		366,973	366,973	330,964	353,627		13,346		13,346		366,973				7,390	08/25/2033	1.A
3136AF-KF-0	FNR 2013-78 GL - CMO/RMBS		09/01/2022	Paydown		578,308	578,308	529,151	562,598		15,709		15,709		578,308				11,359	07/25/2043	1.A
3136AG-HS-4	FNR 2013-94 BIH - CMO/RMBS		07/01/2022	Var ious		14,332,422	14,550,032	12,931,341	13,993,169		57,132		57,132		14,001,391		331,032	331,032	261,677	09/25/2033	1.A
3136AG-NE-8	FNR 2013-103 EL - CMO/RMBS		07/01/2022	Var ious		12,339,474	12,541,923	11,118,218	12,038,205		36,635		36,635		12,037,181		302,294	302,294	225,668	10/25/2033	1.A
3136AG-WT-5	FNR 2013-107 AY - CMO/RMBS		09/01/2022	Paydown		837,078	837,078	756,280	808,053		29,025		29,025		837,078				16,823	10/25/2033	1.A
3136AG-YB-2	FNR 2013-102 GM - CMO/RMBS		09/01/2022	Var ious		12,164,237	12,382,565	11,444,198	12,098,538		18,743		18,743		12,117,282		46,956	46,956	223,042	10/25/2033	1.A
31371K-7L-9	FN 254799 - RMBS		09/01/2022	Paydown		2,076	2,076	2,198	2,198		(20)		(20)		2,076				.69	07/01/2023	1.A
31371L-A9-0	FN 254832 - RMBS		09/01/2022	Paydown		1,357	1,357	1,438	1,366		(10)		(10)		1,357				12	08/01/2023	1.A
31371L-JU-4	FN 255075 - RMBS		09/01/2022	Paydown		2,587	2,587	2,658	2,595		(7)		(7)		2,587				24	02/01/2024	1.A
31371L-K3-2	FN 255114 - RMBS		09/01/2022	Paydown		2,329	2,329	2,468	2,363		(34)		(34)		2,329				.78	03/01/2024	1.A
31371L-ZR-3	FN 255552 - RMBS		09/01/2022	Paydown		113	113	118	116		(4)		(4)		113				.1	11/01/2024	1.A
3137A1-RG-0	FHR 3722 CU - CMO/RMBS		09/01/2022	Paydown		268,694	268,694	251,239	265,041		3,653		3,653		268,694				6,317	09/15/2035	1.A
3137A4-FE-2	FHR 3779 LB - CMO/RMBS		09/01/2022	Paydown		170,															

STATEMENT AS OF SEPTEMBER 30, 2022 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	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
313763-LP-1	FHR 4223 HB - CMO/RMBS		09/01/2022	Paydown		1,128,658	1,128,658	1,009,796	1,086,399		42,259		42,259		1,128,658				23,198	07/15/2033	1.A
313760-CU-1	STACR 2014-DNA M3 - CMO/RMBS		09/26/2022	Paydown		3,685	3,685	4,102	3,993		(308)		(308)		3,685				133	10/25/2024	1.D
313760-EW-5	STACR 2015-DNA1 M3 - CDO/CMO/RMBS		09/26/2022	Paydown		556,976	556,976	600,901	572,849		(15,873)		(15,873)		556,976				15,329	10/25/2027	1.D
313760-HW-2	STACR 2016-DNA1 M3 - CDO/CMO/RMBS		09/26/2022	Paydown		100,544	100,544	117,055	107,080		(6,535)		(6,535)		100,544				2,091	07/25/2028	1.D
313761-AA-5	FIILS 2015-SCO1 1A - CMO/RMBS		09/01/2022	Paydown		1,475	1,475	1,499	1,493		(18)		(18)		1,475				35	05/25/2045	1.A
31385H-QV-7	FN 545068 - RMBS		09/01/2022	Paydown		6,283	6,283	6,473	6,391		(108)		(108)		6,283				73	07/01/2031	1.A
31385J-EL-8	FN 545639 - RMBS		09/01/2022	Paydown		4,700	4,700	4,842	4,787		(87)		(87)		4,700				46	04/01/2032	1.A
31385N-RA-9	FN 547781 - RMBS		09/01/2022	Paydown		479	479	475	476		3		3		479				24	09/01/2030	1.A
31386L-GV-9	FN 567084 - RMBS		09/01/2022	Paydown		131	131	133	132		(1)		(1)		131				7	12/01/2030	1.A
31387D-4B-2	FN 581418 - RMBS		09/01/2022	Paydown		464	464	477	471		(7)		(7)		464				6	06/01/2031	1.A
31387D-NE-5	FN 580989 - RMBS		09/01/2022	Paydown		435	435	446	441		(5)		(5)		435				5	05/01/2031	1.A
31387X-MC-6	FN 597155 - RMBS		09/01/2022	Paydown		6,656	6,656	6,796	6,746		(89)		(89)		6,656				346	09/01/2031	1.A
31387X-TT-0	FN 597374 - RMBS		09/01/2022	Paydown		1,023	1,023	1,054	1,041		(18)		(18)		1,023				12	09/01/2031	1.A
31388K-CX-8	FN 606786 - RMBS		09/01/2022	Paydown		240	240	248	245		(5)		(5)		240				3	09/01/2031	1.A
31388K-TT-7	FN 607274 - RMBS		09/01/2022	Paydown		5,275	5,275	5,440	5,386		(111)		(111)		5,275				37	11/01/2031	1.A
31388W-ZE-9	FN 617341 - RMBS		09/01/2022	Paydown		1,553	1,553	1,606	1,589		(36)		(36)		1,553				17	12/01/2031	1.A
31389G-ST-8	FN 625230 - RMBS		09/01/2022	Paydown		586	586	591	588		(2)		(2)		586				6	02/01/2032	1.A
31389G-SV-3	FN 625232 - RMBS		09/01/2022	Paydown		707	707	727	725		(18)		(18)		707				8	02/01/2032	1.A
31389K-SO-0	FN 628255 - RMBS		09/01/2022	Paydown		2,884	2,884	2,955	2,931		(47)		(47)		2,884				34	02/01/2032	1.A
31389K-SS-6	FN 628257 - RMBS		09/01/2022	Paydown		13,513	13,513	13,648	13,586		(73)		(73)		13,513				455	02/01/2032	1.A
31389U-HE-2	FN 635729 - RMBS		09/01/2022	Paydown		10,723	10,723	11,025	10,921		(198)		(198)		10,723				455	03/01/2032	1.A
31389U-HJ-5	FN 635861 - RMBS		09/01/2022	Paydown		22,860	22,860	23,122	22,997		(138)		(138)		22,860				877	03/01/2032	1.A
31389V-RS-8	FN 636908 - RMBS		09/01/2022	Paydown		3,724	3,724	3,845	3,793		(69)		(69)		3,724				57	05/01/2032	1.A
3138A2-BK-4	FN AH0941 - RMBS		09/01/2022	Paydown		133,769	133,769	132,348	132,448		1,321		1,321		133,769				3,458	12/01/2040	1.A
3138A5-6C-1	FN AH4466 - RMBS		09/01/2022	Paydown		67,050	67,050	64,043	63,665		3,385		3,385		67,050				1,696	02/01/2041	1.A
3138A5-FU-1	FN AH3778 - RMBS		09/01/2022	Paydown		81,162	81,162	76,926	77,165		3,996		3,996		81,162				1,762	01/01/2041	1.A
3138AA-3C-3	FN AH8994 - RMBS		09/01/2022	Paydown		63,553	63,553	65,063	64,958		(1,405)		(1,405)		63,553				379	04/01/2041	1.A
3138AB-MF-3	FN AH9357 - RMBS		09/01/2022	Paydown		2,707	2,707	2,821	2,867		(160)		(160)		2,707				21	04/01/2041	1.A
3138AD-V4-4	FN AI0634 - RMBS		09/01/2022	Paydown		26,993	26,993	28,558	28,309		(1,316)		(1,316)		26,993				229	04/01/2041	1.A
3138AM-VA-0	FN AI7808 - RMBS		09/01/2022	Paydown		10,414	10,414	10,973	11,098		(684)		(684)		10,414				106	07/01/2041	1.A
3138AS-ZJ-4	FN AJ1644 - RMBS		09/01/2022	Paydown		3,955	3,955	4,122	4,152		(197)		(197)		3,955				96	11/01/2041	1.A
3138EO-SD-2	FN AJ7715 - RMBS		09/01/2022	Paydown		89,966	89,966	94,133	92,571		(2,605)		(2,605)		89,966				1,790	12/01/2026	1.A
3138EG-NN-0	FN AL0396 - RMBS		09/01/2022	Paydown		661	661	723	715		(53)		(53)		661				6	12/01/2035	1.A
3138EK-G7-4	FN AL2921 - RMBS		09/01/2022	Paydown		12,910	12,910	13,035	13,040		(130)		(130)		12,910				168	08/01/2042	1.A
3138EL-AF-0	FN AL3605 - RMBS		09/01/2022	Paydown		14,791	14,791	14,927	14,930		(139)		(139)		14,791				84	05/01/2043	1.A
3138EM-HY-3	FN AL5162 - RMBS		09/01/2022	Paydown		193,885	193,885	190,431	190,352		3,533		3,533		193,885				3,814	09/01/2043	1.A
3138EN-3F-4	FN AL6197 - RMBS		09/01/2022	Paydown		252,211	252,211	256,566	255,978		(3,767)		(3,767)		252,211				5,117	01/01/2030	1.A
3138EQ-LN-0	FN AL7532 - RMBS		09/01/2022	Paydown		111,035	111,035	116,476	114,765		(3,730)		(3,730)		111,035				2,226	11/01/2027	1.A
3138ER-SV-8	FN AL9859 - RMBS		09/01/2022	Paydown		389,324	389,324	375,880	372,595		16,730		16,730		389,324				7,771	03/01/2047	1.A
3138ER-MM-7	FN AL9372 - RMBS		09/01/2022	Paydown		165,833	165,833	165,323	165,358		476		476		165,833				2,760	11/01/2031	1.A
3138ET-4G-8	FN AL8922 - RMBS		09/01/2022	Paydown		14,138	14,138	14,847	14,686		(548)		(548)		14,138				281	05/01/2030	1.A
3138M8-J6-1	FN AP4784 - RMBS		09/01/2022	Paydown		197,622	197,622	189,332	188,074		9,549		9,549		197,622				3,941	09/01/2042	1.A
3138MJ-GE-3	FN AQ2896 - RMBS		09/01/2022	Paydown		220,206	220,206	212,843	212,506		7,701		7,701		220,206				4,144	12/01/2042	1.A
3138MR-K6-7	FN AQ9316 - RMBS		07/14/2022	Various		802,695	870,595	798,635	775,746		(2,398)		(2,398)		794,370				13,525	01/01/2043	1.A
3138W0-VH-9	FN AR3315 - RMBS		09/01/2022	Paydown		231,970	231,970	236,066	235,742		(3,771)		(3,771)		231,970				5,271	02/01/2043	1.A
3138W6-GB-6	FN AR8293 - RMBS		09/01/2022	Paydown		146,145	146,145	140,928	140,221		5,923		5,923		146,145				2,788	05/01/2043	1.A
3138W7-F6-6	FN AR9188 - RMBS		09/01/2022	Paydown		100,112	100,112	91,853	91,571		8,541		8,541		100,112				1,632	03/01/2043	1.A
3138W7-GB-4	FN AR9193 - RMBS		09/01/2022	Paydown		223,222	223,222	223,501	223,452		(230)		(230)		223,222				4,410	03/01/2043	1.A
3138W9-VQ-0	FN ASO622 - RMBS		09/01/2022	Paydown		9,078	9,078	9,373	9,259		(181)		(181)		9,078				182	10/01/2028	1.A
3138WJ-RD-2	FN AS6583 - RMBS		09/01/2022	Paydown		20,710	20,710	21,045	21,207		(497)		(497)		20,710				121	01/01/2047	1.A
3138WM-FC-0	FN AT0162 - RMBS		09/01/2022	Paydown		76,328	76,328	70,019	69,854		6,474		6,474		76,328				1,230	03/01/2043	1.A
3138WP-A2-0	FN AT1824 - RMBS		09/01/2022	Paydown		115,773	115,773	114,209	113,907		1,867		1,867		115,773				2,406	05/01/2043	1.A
3138WP-GY-4	FN AT2014 - RMBS		09/01/2022	Paydown		152,990	152,990	145,247	144,019		8,972		8,972		152,990				3,085	04/01/2043	1.A
3138WQ-AX-0	FN AT2721 - RMBS		09/01/2022	Paydown		159,853	159,853	157,305	157,228		2,625		2,625		159,853				3,209	05/01/2043	1.A

E05.4

STATEMENT AS OF SEPTEMBER 30, 2022 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
3138WQ-QS-4	FN AT3164 - RMBS		09/01/2022	Paydown		397,671	397,671	388,972	388,589		9,082		9,082		397,671				7,800	04/01/2043	1.A
3138WQ-RY-0	FN AT3202 - RMBS		09/01/2022	Paydown		3,303	3,303	3,292	3,292		12		12		3,303				19	05/01/2042	1.A
3138WV-PE-5	FN A17620 - RMBS		09/01/2022	Paydown		138,872	138,872	134,293	134,069		4,803		4,803		138,872				2,724	06/01/2043	1.A
3138XO-ZW-1	FN AU1656 - RMBS		09/01/2022	Paydown		7,464	7,464	7,464	7,463		1		1		7,464				122	07/01/2028	1.A
3138XC-F3-1	FN AV1085 - RMBS		09/01/2022	Paydown		6,418	6,418	6,771	6,842		(424)		(424)		6,418				28	09/01/2043	1.A
3138XV-L4-0	FN AW5746 - RMBS		09/01/2022	Paydown		361	361	384	387		(27)		(27)		361				10	08/01/2044	1.A
3138YJ-US-3	FN AY5092 - RMBS		09/01/2022	Paydown		666	666	694	701		(35)		(35)		666				16	07/01/2045	1.A
3138YU-H7-9	FN AZ2953 - RMBS		09/01/2022	Paydown		21,508	21,508	21,985	21,914		(406)		(406)		21,508				434	09/01/2030	1.A
31390C-CS-3	FN 641881 - RMBS		09/01/2022	Paydown		8,565	8,565	8,727	8,654		(89)		(89)		8,565				392	04/01/2032	1.A
31390G-2T-3	FN 646186 - RMBS		09/01/2022	Paydown		2,860	2,860	2,902	2,887		(27)		(27)		2,860				31	07/01/2032	1.A
31390G-ZL-4	FN 646147 - RMBS		09/01/2022	Paydown		1,520	1,520	1,564	1,546		(26)		(26)		1,520				16	06/01/2032	1.A
31390Q-G8-2	FN 652823 - RMBS		09/01/2022	Paydown		1,929	1,929	2,008	1,982		(52)		(52)		1,929				21	09/01/2032	1.A
31390Q-G9-0	FN 652824 - RMBS		09/01/2022	Paydown		226	226	233	231		(4)		(4)		226				2	09/01/2032	1.A
31390R-E8-2	FN 653659 - RMBS		09/01/2022	Paydown		244	244	255	252		(8)		(8)		244				2	08/01/2032	1.A
31390R-EE-9	FN 653633 - RMBS		09/01/2022	Paydown		3,143	3,143	3,285	3,226		(83)		(83)		3,143				37	07/01/2032	1.A
31390T-KA-6	FN 655589 - RMBS		09/01/2022	Paydown		4,579	4,579	4,763	4,694		(115)		(115)		4,579				49	08/01/2032	1.A
31390T-UC-1	FN 655879 - RMBS		09/01/2022	Paydown		1,260	1,260	1,302	1,283		(23)		(23)		1,260				14	09/01/2032	1.A
31390Y-GB-8	FN 659994 - RMBS		09/01/2022	Paydown		15,101	15,101	15,374	15,270		(169)		(169)		15,101				104	09/01/2032	1.A
31391E-EQ-0	FN 664443 - RMBS		09/01/2022	Paydown		13,361	13,361	13,741	13,578		(217)		(217)		13,361				89	10/01/2032	1.A
31391E-SK-8	FN 664822 - RMBS		09/01/2022	Paydown		23,420	23,420	24,068	23,793		(373)		(373)		23,420				910	10/01/2032	1.A
31391G-3M-6	FN 666904 - RMBS		09/01/2022	Paydown		6,623	6,623	6,812	6,732		(109)		(109)		6,623				66	11/01/2032	1.A
31391G-JD-9	FN 666360 - RMBS		09/01/2022	Paydown		16,622	16,622	17,191	16,994		(372)		(372)		16,622				595	10/01/2032	1.A
31391H-H5-9	FN 669052 - RMBS		09/01/2022	Paydown		34,057	34,057	35,189	34,838		(781)		(781)		34,057				1,102	10/01/2032	1.A
31391N-DU-2	FN 671615 - RMBS		09/01/2022	Paydown		38,920	38,920	40,276	39,765		(846)		(846)		38,920				966	11/01/2032	1.A
31392R-YX-3	FNR 24898 PE - CMO/RMBS		09/01/2022	Paydown		18,360	18,360	18,876	18,632		(272)		(272)		18,360				687	08/15/2032	1.A
31393C-MC-4	FNR 0348E TC - CMO/RMBS		09/01/2022	Paydown		2,671	2,671	2,910	2,695		(24)		(24)		2,671				89	06/25/2023	1.A
31394D-QL-7	FNR 2005-40 ZM - CMO/RMBS		09/01/2022	Paydown		7,223	7,223	7,161	7,172		51		51		7,223				205	05/25/2025	1.A
31395R-EZ-7	FNR 2959 DY - CMO/RMBS		09/01/2022	Paydown		39,373	39,373	39,841	39,370		3		3		39,373				1,439	04/15/2025	1.A
31397S-X2-5	FNR 2011-37 HJ - CMO/RMBS		09/01/2022	Paydown		398,520	398,520	351,134	388,398		10,122		10,122		398,520				7,907	05/25/2026	1.A
31397U-U7-2	FNR 2011-66 BY - CMO/RMBS		09/01/2022	Paydown		270,275	270,275	255,072	266,665		3,590		3,590		270,275				6,362	07/25/2026	1.A
31397U-VT-3	FNR 2011-59 CB - CMO/RMBS		09/01/2022	Paydown		303,006	303,006	297,419	301,346		1,660		1,660		303,006				7,052	07/25/2026	1.A
31397U-XH-7	FNR 2011-61 EB - CMO/RMBS		09/01/2022	Paydown		301,755	301,755	276,648	296,185		5,570		5,570		301,755				5,943	07/25/2026	1.A
31398E-QZ-0	FNR 3552 KB - CMO/RMBS		09/01/2022	Paydown		116,442	116,442	109,892	115,274		1,168		1,168		116,442				3,106	07/15/2024	1.A
31398F-HT-1	FNR 2009-80 GL - CMO/RMBS		09/01/2022	Paydown		61,981	61,981	59,444	61,334		647		647		61,981				1,618	10/25/2024	1.A
31398J-G4-9	FNR 3563 B - CMO/RMBS		09/01/2022	Paydown		67,150	67,150	63,268	66,433		717		717		67,150				1,794	08/15/2024	1.A
31398J-KR-3	FNR 3561 B - CMO/RMBS		09/01/2022	Paydown		200,067	200,067	181,342	193,607		6,461		6,461		200,067				5,573	08/15/2029	1.A
31398S-G7-2	FNR 2010-135 DB - CMO/RMBS		09/01/2022	Paydown		483,386	483,386	440,787	474,459		8,927		8,927		483,386				11,161	12/25/2025	1.A
31398V-FS-0	FNR 3640 AD - CMO/RMBS		09/01/2022	Paydown		18,080	18,080	17,368	17,948		132		132		18,080				481	03/15/2025	1.A
31400D-RG-9	FN 684587 - RMBS		09/01/2022	Paydown		3,193	3,193	3,337	3,311		(118)		(118)		3,193				31	03/01/2033	1.A
31400E-NB-2	FN 685386 - RMBS		09/01/2022	Paydown		236	236	247	244		(8)		(8)		236				2	03/01/2033	1.A
31400Q-SW-4	FN 694533 - RMBS		09/01/2022	Paydown		22,826	22,826	23,528	23,346		(520)		(520)		22,826				680	03/01/2033	1.A
31400Q-YK-4	FN 694682 - RMBS		09/01/2022	Paydown		590	590	646	637		(47)		(47)		590				21	04/01/2033	1.A
31400T-GP-6	FN 696906 - RMBS		09/01/2022	Paydown		17,121	17,121	17,817	17,546		(425)		(425)		17,121				207	04/01/2033	1.A
31401C-EK-5	FN 704038 - RMBS		09/01/2022	Paydown		232	232	232	232						232				2	05/01/2033	1.A
31401V-6P-1	FN 720078 - RMBS		09/01/2022	Paydown		7,614	7,614	7,552	7,561		53		53		7,614				279	07/01/2033	1.A
31402C-4C-3	FN 725419 - RMBS		09/01/2022	Paydown		11,130	11,130	11,146	11,136		(6)		(6)		11,130				332	10/01/2033	1.A
31402C-4H-2	FN 725424 - RMBS		09/01/2022	Paydown		972	972	1,049	972		(77)		(77)		972				9	04/01/2034	1.A
31402C-P3-0	FN 725042 - RMBS		09/01/2022	Paydown		1,323	1,323	1,314	1,314		8		8		1,323				12	01/01/2034	1.A
31402C-U7-5	FN 725206 - RMBS		09/01/2022	Paydown		587	587	583	583		4		4		587				5	02/01/2034	1.A
31402C-VN-9	FN 725221 - RMBS		09/01/2022	Paydown		648	648	700	689		(41)		(41)		648				6	01/01/2034	1.A
31402D-F3-9	FN 725686 - RMBS		09/01/2022	Paydown		2,273	2,273	2,302	2,296		(24)		(24)		2,273				15	07/01/2034	1.A
31402D-IP-2	FN 725866 - RMBS		09/01/2022	Paydown		46,263	46,263	41,853	42,571		3,692		3,692		46,263				1,402	09/01/2034	1.A
31402J-3V-7	FN 730812 - RMBS		09/01/2022	Paydown		13,047	13,047	12,852	12,888		159		159		13,047				435	08/01/2033	1.A
31402L-DK-5	FN 731906 - RMBS		09/01/2022	Paydown		730	730	713	718		12		12		730				6	11/01/2033	1.A

STATEMENT AS OF SEPTEMBER 30, 2022 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
314020-S9-3	FN 735044 - RMBS		09/01/2022	Paydown		2,287	2,287	2,326	2,318		(31)		(31)		2,287				16	10/01/2034	1.A
314020-V6-3	FN 735115 - RMBS		09/01/2022	Paydown		3,300	3,300	3,386	3,362		(63)		(63)		3,300				33	12/01/2034	1.A
314020-Y3-9	FN 735230 - RMBS		09/01/2022	Paydown		1,631	1,631	1,785	1,760		(129)		(129)		1,631				14	02/01/2035	1.A
314020-YV-7	FN 735224 - RMBS		09/01/2022	Paydown		39,324	39,324	37,837	38,051		1,273		1,273		39,324				1,431	02/01/2035	1.A
31402R-JV-2	FN 735676 - RMBS		09/01/2022	Paydown		8,496	8,496	9,070	8,983		(487)		(487)		8,496				69	07/01/2035	1.A
31402R-N6-2	FN 735813 - RMBS		09/01/2022	Paydown		128	128	127	129		(1)		(1)		128					07/01/2035	1.A
31402R-UJ-7	FN 735997 - RMBS		09/01/2022	Paydown		3,094	3,094	3,101	3,099		(5)		(5)		3,094				32	11/01/2035	1.A
31402Y-GR-9	FN 741908 - RMBS		09/01/2022	Paydown		3,434	3,434	3,364	3,376		58		58		3,434				29	11/01/2033	1.A
31403C-6L-0	FN 745275 - RMBS		09/01/2022	Paydown		4,975	4,975	5,073	5,061		(86)		(86)		4,975				42	02/01/2036	1.A
31403D-BY-4	FN 745355 - RMBS		09/01/2022	Paydown		814	814	800	801		14		14		814				7	03/01/2036	1.A
31403D-PP-8	FN 745730 - RMBS		09/01/2022	Paydown		1,544	1,544	1,689	1,662		(119)		(119)		1,544				13	03/01/2035	1.A
31403J-CR-5	FN 749880 - RMBS		09/01/2022	Paydown		4,205	4,205	4,399	4,328		(124)		(124)		4,205				35	10/01/2033	1.A
31403K-UP-6	FN 751290 - RMBS		09/01/2022	Paydown		5,332	5,332	5,402	5,396		(65)		(65)		5,332				213	03/01/2034	1.A
31403M-UP-2	FN 753090 - RMBS		09/01/2022	Paydown		934	934	966	954		(21)		(21)		934				10	12/01/2033	1.A
31403R-PR-3	FN 755632 - RMBS		09/01/2022	Paydown		405	405	399	399		5		5		405				3	04/01/2034	1.A
31403R-RX-8	FN 755702 - RMBS		09/01/2022	Paydown		9	9	9	9						9					03/01/2034	1.A
31403V-4Q-9	FN 759631 - RMBS		09/01/2022	Paydown		1,869	1,869	1,877	1,873		(3)		(3)		1,869				17	02/01/2034	1.A
31404L-TJ-9	FN 771953 - RMBS		09/01/2022	Paydown		2,370	2,370	2,461	2,442		(72)		(72)		2,370				16	02/01/2034	1.A
31404N-FX-9	FN 773382 - RMBS		09/01/2022	Paydown		1,472	1,472	1,489	1,484		(12)		(12)		1,472				7	04/01/2034	1.A
31404N-NS-1	FN 773601 - RMBS		09/01/2022	Paydown		156	156	161	161		(5)		(5)		156				2	08/01/2034	1.A
31404P-QN-4	FN 774561 - RMBS		09/01/2022	Paydown		20	20	20	20						20					04/01/2034	1.A
31404Q-UU-9	FN 775659 - RMBS		09/01/2022	Paydown		232	232	232	232						232				2	05/01/2034	1.A
31404R-YN-1	FN 776617 - RMBS		09/01/2022	Paydown		739	739	747	746		(7)		(7)		739				6	04/01/2034	1.A
31404T-ET-6	FN 777846 - RMBS		09/01/2022	Paydown		85	85	85	85						85				1	05/01/2034	1.A
31404U-JU-5	FN 778875 - RMBS		09/01/2022	Paydown		17,808	17,808	18,064	17,968		(160)		(160)		17,808				656	06/01/2034	1.A
31405H-J6-6	FN 789685 - RMBS		09/01/2022	Paydown		518	518	541	535		(17)		(17)		518				6	07/01/2034	1.A
31405J-KZ-6	FN 790612 - RMBS		09/01/2022	Paydown		102	102	108	110		(8)		(8)		102				1	09/01/2034	1.A
31405J-LE-2	FN 790881 - RMBS		09/01/2022	Paydown		1,209	1,209	1,229	1,226		(17)		(17)		1,209				11	09/01/2034	1.A
31405R-7F-7	FN 797494 - RMBS		09/01/2022	Paydown		1,636	1,636	1,662	1,666		(31)		(31)		1,636				49	03/01/2035	1.A
31405S-EQ-3	FN 797643 - RMBS		09/01/2022	Paydown		1,283	1,283	1,271	1,273		10		10		1,283				11	08/01/2035	1.A
31406B-ZG-8	FN 805443 - RMBS		09/01/2022	Paydown		1,639	1,639	1,695	1,675		(36)		(36)		1,639				66	11/01/2034	1.A
31406E-2J-2	FN 808177 - RMBS		09/01/2022	Paydown		14,751	14,751	14,709	14,706		45		45		14,751				542	03/01/2035	1.A
31406F-AR-2	FN 808316 - RMBS		09/01/2022	Paydown		24,416	24,416	25,526	25,289		(873)		(873)		24,416				123	01/01/2035	1.A
31406F-WK-3	FN 808950 - RMBS		09/01/2022	Paydown		374	374	375	374						374				3	01/01/2035	1.A
31406G-YX-1	FN 809926 - RMBS		09/01/2022	Paydown		3,385	3,385	3,447	3,436		(51)		(51)		3,385				31	02/01/2035	1.A
31406K-RC-6	FN 812383 - RMBS		09/01/2022	Paydown		538	538	544	542		(4)		(4)		538				20	05/01/2035	1.A
31406P-C3-1	FN 815590 - RMBS		09/01/2022	Paydown		286	286	293	293		(8)		(8)		286				3	04/01/2035	1.A
31406P-HS-1	FN 815741 - RMBS		09/01/2022	Paydown		2,083	2,083	2,113	2,104		(21)		(21)		2,083				19	02/01/2035	1.A
31406U-HG-6	FN 820231 - RMBS		09/01/2022	Paydown		492	492	504	499		(7)		(7)		492				5	06/01/2035	1.A
31407D-SV-8	FN 827732 - RMBS		09/01/2022	Paydown		309	309	326	324		(15)		(15)		309				3	06/01/2035	1.A
31407X-7F-2	FN 844294 - RMBS		09/01/2022	Paydown		190	190	197	196		(5)		(5)		190				2	11/01/2035	1.A
31408E-G5-5	FN 849020 - RMBS		09/01/2022	Paydown		371	371	407	402		(31)		(31)		371				2	01/01/2036	1.A
31409U-FA-8	FN 878661 - RMBS		09/01/2022	Paydown		136	136	130	130		5		5		136				1	02/01/2036	1.A
3140E4-G5-9	FN 8A0475 - RMBS		09/01/2022	Paydown		2,626	2,626	2,797	2,834		(208)		(208)		2,626				18	08/01/2045	1.A
3140F1-YF-3	FN 8C6109 - RMBS		09/01/2022	Paydown		3,353	3,353	3,305	3,302		52		52		3,353				20	06/01/2046	1.A
3140J8-RT-2	FN 8M4097 - RMBS		09/01/2022	Paydown		7,555	7,555	7,912	7,925		(370)		(370)		7,555				62	07/01/2047	1.A
3140J9-SN-2	FN 8M5024 - RMBS		09/01/2022	Paydown		140,789	140,789	141,998	142,550		(1,761)		(1,761)		140,789				2,836	11/01/2048	1.A
3140K1-4D-5	FN 8C6219 - RMBS		09/01/2022	Paydown		186,188	186,188	195,992	198,785		(12,597)		(12,597)		186,188				3,805	12/01/2049	1.A
3140KD-KX-7	FN 8P5709 - RMBS		09/01/2022	Paydown		517,350	517,350	536,609	539,598		(22,248)		(22,248)		517,350				8,647	05/01/2050	1.A
3140LY-P6-4	FN 8T9444 - RMBS		09/01/2022	Paydown		231,018	231,018	232,967	231,134		(1,949)		(1,949)		231,018				2,742	11/01/2036	1.A
314007-FX-0	FN 8A0181 - RMBS		09/01/2022	Paydown		20,833	20,833	21,037	21,134		(302)		(302)		20,833				106	08/01/2047	1.A
31400D-XC-3	FN 8A6074 - RMBS		09/01/2022	Paydown		221,486	221,486	232,214	234,549		(13,064)		(13,064)		221,486				3,617	06/01/2050	1.A
31400G-D4-6	FN 8A8222 - RMBS		09/01/2022	Paydown		394,020	394,020	396,544	396,444		(2,424)		(2,424)		394,020				3,678	12/01/2050	1.A
31400G-MJ-3	FN 8A8460 - RMBS		09/01/2022	Paydown		74,679	74,679	77,619	77,499		(2,820)		(2,820)		74,679				1,237	01/01/2051	1.A

E05.6

STATEMENT AS OF SEPTEMBER 30, 2022 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- eign	Disposal Date	Name of Purchaser	Number of Shares of Stock	Consid- eration	Par Value	Actual Cost	Prior Year Book/ Adjusted Carrying Value	Unrealized Valuation Increase/ (Decrease)	Current Year's (Amor- tization)/ Accretion	Current Year's Other Than Temporary Impairment Recogn- ized	Total Change in Book/ Adjusted Carrying Value (11 + 12 - 13)	Total Foreign Exchange Change in Book /Adjusted Carrying Value	Book/ Adjusted Carrying Value at Disposal Date	Foreign Exchange Gain (Loss) on Disposal	Realized Gain (Loss) on Disposal	Total Gain (Loss) on Disposal	Bond Interest/ Stock Dividends Received During Year	Stated Con- tractual Maturity Date	NAIC Desig- nation, NAIC Desig- nation Modifier and SVO Admini- strative Symbol
31400N-B5-0	FN CB2759 - RMBS		09/01/2022	Paydown		513,666	513,666	526,107			(12,440)		(12,440)		513,666				7,520	02/01/2052	1.A
31400K-VF-5	FN FM3313 - RMBS		09/01/2022	Paydown		117,510	117,510	121,586	122,090	(4,580)			(4,580)		117,510				1,550	08/01/2035	1.A
3140X8-RQ-2	FN FM4994 - RMBS		09/01/2022	Paydown		13,868	13,868	129,890	129,831	(4,791)			(4,791)		125,040		(111,171)	(111,171)	.601	12/01/2050	1.A
3140X9-C7-8	FN FM5493 - RMBS		09/01/2022	Paydown		170,809	170,809	178,842	178,545	(7,736)			(7,736)		170,809				2,255	02/01/2036	1.A
3140XA-BG-6	FN FM6338 - RMBS		09/01/2022	Paydown		171,572	171,572	171,813	171,834	(263)			(263)		171,572				2,064	02/01/2051	1.A
3140XB-KY-5	FN FM7510 - RMBS		09/01/2022	Paydown		758,463	758,463	787,972	787,783	(29,320)			(29,320)		758,463				15,389	06/01/2051	1.A
3140XC-NV-6	FN FM8503 - RMBS		09/01/2022	Paydown		228,741	228,741	237,775	237,766	(9,025)			(9,025)		228,741				3,785	04/01/2036	1.A
3140XD-QA-7	FN FM9448 - RMBS		09/01/2022	Paydown		392,639	392,639	394,341	394,314	(1,675)			(1,675)		392,639				5,540	10/01/2051	1.A
3140XH-YD-3	FN FS2507 - RMBS		09/01/2022	Paydown		86,815	86,815	87,737		(922)			(922)		86,815				416	12/01/2035	1.A
31410G-BE-2	FN 888437 - RMBS		09/01/2022	Paydown		842	842	869	866	(24)			(24)		842				7	11/01/2036	1.A
31410G-EK-5	FN 888538 - RMBS		09/01/2022	Paydown		4,413	4,413	4,572	4,552	(138)			(138)		4,413				41	01/01/2037	1.A
31410G-LM-1	FN 888997 - RMBS		09/01/2022	Paydown		2,091	2,091	2,117	2,110	(19)			(19)		2,091				18	08/01/2035	1.A
31410N-RR-1	FN 892496 - RMBS		09/01/2022	Paydown		421	421	419	419	.1			.1		421				4	08/01/2036	1.A
31410Q-NQ-0	FN 894199 - RMBS		09/01/2022	Paydown		219	219	227	227	(8)			(8)		219				2	10/01/2036	1.A
31411D-QK-8	FN 905058 - RMBS		09/01/2022	Paydown		794	794	801	800	(6)			(6)		794				8	11/01/2036	1.A
31411H-NB-9	FN 908615 - RMBS		09/01/2022	Paydown		1,936	1,936	1,856	1,874	62			62		1,936				71	02/01/2037	1.A
31412J-BV-6	FN 926252 - RMBS		09/01/2022	Paydown		30,681	30,681	31,271	31,120	(438)			(438)		30,681				920	12/01/2035	1.A
31412L-AA-2	FN 928027 - RMBS		09/01/2022	Paydown		3,042	3,042	3,284	3,223	(182)			(182)		3,042				30	01/01/2037	1.A
31412N-TJ-9	FN 930697 - RMBS		09/01/2022	Paydown		15,776	15,776	15,448	15,460	316			316		15,776				485	01/01/2035	1.A
31412N-FD-3	FN 929964 - RMBS		09/01/2022	Paydown		770	770	815	810	(40)			(40)		770				5	09/01/2038	1.A
31412N-JA-5	FN 930057 - RMBS		09/01/2022	Paydown		7,425	7,425	7,425	7,426	(1)			(1)		7,425				78	10/01/2038	1.A
31412P-5V-9	FN 931560 - RMBS		09/01/2022	Paydown		11,996	11,996	12,007	11,999	(3)			(3)		11,996				362	05/01/2035	1.A
31412Q-SU-4	FN 932131 - RMBS		09/01/2022	Paydown		11,410	11,410	11,616	11,575	(166)			(166)		11,410				377	11/01/2039	1.A
31412U-7H-7	FN 935696 - RMBS		09/01/2022	Paydown		3,959	3,959	4,030	4,024	(66)			(66)		3,959				119	11/01/2039	1.A
31412X-FA-7	FN 937661 - RMBS		09/01/2022	Paydown		7,470	7,470	7,678	7,638	(167)			(167)		7,470				60	06/01/2037	1.A
31413J-PA-6	FN 946917 - RMBS		09/01/2022	Paydown		469	469	481	477	(8)			(8)		469				5	09/01/2037	1.A
31413L-TE-9	FN 948849 - RMBS		09/01/2022	Paydown		6,289	6,289	6,694	6,682	(394)			(394)		6,289				92	08/01/2037	1.A
31413Y-RW-3	FN 958601 - RMBS		09/01/2022	Paydown		5,585	5,585	5,717	5,674	(89)			(89)		5,585				32	11/01/2037	1.A
31414Q-AB-3	FN 972602 - RMBS		09/01/2022	Paydown		776	776	794	792	(16)			(16)		776				6	04/01/2038	1.A
31416B-ZZ-0	FN 995492 - RMBS		09/01/2022	Paydown		50,226	50,226	51,971	51,667	(1,442)			(1,442)		50,226				1,627	12/01/2034	1.A
31416B-LB-9	FN 995051 - RMBS		09/01/2022	Paydown		326	326	349	345	(20)			(20)		326				3	03/01/2037	1.A
31416B-RY-6	FN 995203 - RMBS		09/01/2022	Paydown		1,471	1,471	1,536	1,525	(54)			(54)		1,471				12	07/01/2035	1.A
31416L-SW-7	FN AA3232 - RMBS		09/01/2022	Paydown		99,513	99,513	97,927	98,034	1,480			1,480		99,513				2,909	04/01/2039	1.A
31416R-FA-6	FN AA7360 - RMBS		09/01/2022	Paydown		9,743	9,743	9,760	9,756	(13)			(13)		9,743				294	01/01/2034	1.A
31416R-M9-1	FN AA7583 - RMBS		09/01/2022	Paydown		5,296	5,296	5,560	5,548	(252)			(252)		5,296				24	06/01/2039	1.A
31416S-KH-3	FN AA8395 - RMBS		09/01/2022	Paydown		1,184	1,184	1,233	1,227	(43)			(43)		1,184				10	06/01/2039	1.A
31416X-E2-2	FN AB1952 - RMBS		09/01/2022	Paydown		6,516	6,516	6,531	6,532	(16)			(16)		6,516				36	12/01/2040	1.A
31416X-JM-3	FN AB2067 - RMBS		09/01/2022	Paydown		84,386	84,386	80,048	79,818	4,567			4,567		84,386				1,697	01/01/2041	1.A
31416X-SH-4	FN AB2319 - RMBS		09/01/2022	Paydown		153,820	153,820	144,134	144,885	8,935			8,935		153,820				3,248	02/01/2041	1.A
31417A-CT-4	FN AB3681 - RMBS		09/01/2022	Paydown		111,787	111,787	114,914	115,068	(3,281)			(3,281)		111,787				2,584	10/01/2041	1.A
31417A-KJ-6	FN AB3965 - RMBS		09/01/2022	Paydown		28,903	28,903	29,571	29,624	(721)			(721)		28,903				167	11/01/2041	1.A
31417D-W3-3	FN AB6965 - RMBS		09/01/2022	Paydown		21,606	21,606	21,323	21,420	186			186		21,606				110	11/01/2027	1.A
31417E-SS-1	FN AB7728 - RMBS		09/01/2022	Paydown		253,230	253,230	242,765	242,442	10,788			10,788		253,230				4,224	01/01/2043	1.A
31417F-4R-6	FN AB8931 - RMBS		09/01/2022	Paydown		57,087	57,087	56,115	55,989	1,099			1,099		57,087				1,144	04/01/2043	1.A
31417F-YA-0	FN AB8904 - RMBS		09/01/2022	Paydown		233,116	233,116	223,326	223,363	9,752			9,752		233,116				3,785	03/01/2043	1.A
31417G-EJ-1	FN AB9136 - RMBS		09/01/2022	Paydown		44,865	44,865	40,869	40,765	4,099			4,099		44,865				770	04/01/2043	1.A
31417G-EQ-5	FN AB9142 - RMBS		09/01/2022	Paydown		58,789	58,789	56,629	56,629	2,160			2,160		58,789				1,179	04/01/2043	1.A
31417J-EB-2	FN AC0129 - RMBS		09/01/2022	Paydown		1,063	1,063	1,087	1,069	(6)			(6)		1,063				28	12/01/2024	1.A
31417J-SC-5	FN AC0514 - RMBS		09/01/2022	Paydown		833	833	848	853	(19)			(19)		833				25	07/01/2039	1.A
31417M-QZ-9	FN AC3171 - RMBS		09/01/2022	Paydown		3,704	3,704	3,959	3,890	(186)			(186)		3,704				40	09/01/2039	1.A
31417M-S8-7	FN AC3242 - RMBS		09/01/2022	Paydown		172,684	172,684	172,090	172,101	583			583		172,684				4,730	09/01/2039	1.A
31417U-5Y-7	FN AC8062 - RMBS		09/01/2022	Paydown		2,923	2,923	2,976	2,963	(40)			(40)		2,923				88	12/01/2039	1.A
31418A-J3-3	FN MA1181 - RMBS		09/01/2022	Paydown		1,579	1,579	1,676	1,592	(13)			(13)		1,579				29	09/01/2022	1.A
31418A-SS-8	FN MA1439 - RMBS		09/01/2022	Paydown		15,957	15,957	14,640	14,562	1,395			1,395		15,957				265	05/01/2043	1.A

STATEMENT AS OF SEPTEMBER 30, 2022 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
31418A-VH-8	FN MA1515 - RMBS		09/01/2022	Paydown		49,156	49,156	46,637	46,482		2,674		2,674		49,156				946	08/01/2043	1.A
31418C-SU-4	FN MA3558 - RMBS		09/01/2022	Paydown		307,002	307,002	313,075	314,287		(7,285)		(7,285)		307,002				6,035	01/01/2034	1.A
31418C-FD-1	FN MA2863 - RMBS		09/01/2022	Paydown		375,010	375,010	362,404	359,513		15,496		15,496		375,010				7,404	01/01/2047	1.A
31418C-FJ-8	FN MA2868 - RMBS		09/01/2022	Paydown		234,019	234,019	234,842	234,779		(760)		(760)		234,019				3,834	01/01/2032	1.A
31418C-G6-5	FN MA2920 - RMBS		09/01/2022	Paydown		106,069	106,069	105,792	105,779		291		291		106,069				2,084	03/01/2047	1.A
31418C-SG-0	FN MA3218 - RMBS		09/01/2022	Paydown		13,070	13,070	13,043	13,043		27		27		13,070				264	12/01/2047	1.A
31418C-LH-5	FN MA3283 - RMBS		09/01/2022	Paydown		37,714	37,714	38,410	38,501		(786)		(786)		37,714				749	02/01/2033	1.A
31418C-LJ-1	FN MA3284 - RMBS		09/01/2022	Paydown		153,530	153,530	153,140	153,135		394		394		153,530				3,550	02/01/2033	1.A
31418C-V9-2	FN MA3339 - RMBS		09/01/2022	Paydown		13,675	13,675	13,661	13,662		13		13		13,675				274	04/01/2033	1.A
31418C-WS-9	FN MA3356 - RMBS		09/01/2022	Paydown		48,866	48,866	48,858	48,900		(34)		(34)		48,866				1,158	05/01/2048	1.A
31418C-XW-9	FN MA3392 - RMBS		09/01/2022	Paydown		72,366	72,366	72,796	72,886		(519)		(519)		72,366				1,676	06/01/2033	1.A
31418D-5C-2	FN MA4442 - RMBS		09/01/2022	Paydown		123,468	123,468	127,621	127,550		(4,082)		(4,082)		123,468				1,714	10/01/2032	1.A
31418D-C5-9	FN MA3691 - RMBS		09/01/2022	Paydown		186,439	186,439	187,269	187,869		(1,430)		(1,430)		186,439				3,743	07/01/2049	1.A
31418D-C9-1	FN MA3695 - RMBS		09/01/2022	Paydown		19,160	19,160	19,535	19,646		(487)		(487)		19,160				379	07/01/2034	1.A
31418D-C9-5	FN MA3670 - RMBS		09/01/2022	Paydown		22,334	22,334	22,187	22,131		203		203		22,334				450	05/01/2049	1.A
31418D-ES-7	FN MA3744 - RMBS		09/01/2022	Paydown		143,942	143,942	145,297	146,094		(2,152)		(2,152)		143,942				2,847	07/01/2049	1.A
31418D-9F-3	FN MA3797 - RMBS		09/01/2022	Paydown		325,403	325,403	327,138	327,687		(2,284)		(2,284)		325,403				5,408	10/01/2034	1.A
31418D-05-4	FN MA4075 - RMBS		09/01/2022	Paydown		33,666	33,666	35,142	35,031		(1,364)		(1,364)		33,666				555	07/01/2035	1.A
31418D-0H-8	FN MA4055 - RMBS		09/01/2022	Paydown		536,930	536,930	559,408	566,098		(28,721)	447	(29,168)		536,930				8,833	06/01/2050	1.A
31418D-RW-4	FN MA4100 - RMBS		09/01/2022	Paydown		891,583	891,583	919,445	922,606		(31,023)		(31,023)		891,583				11,968	08/01/2050	1.A
31418D-SH-6	FN MA4119 - RMBS		09/01/2022	Various		2,510,373	2,696,322	2,785,981	2,792,065		(44,577)		(44,577)		2,747,488		(237,116)	(237,116)	33,681	09/01/2050	1.A
31418D-SL-7	FN MA4122 - RMBS		09/01/2022	Paydown		42,083	42,083	43,260	43,280		(1,197)		(1,197)		42,083				420	09/01/2035	1.A
31418D-TL-6	FN MA4154 - RMBS		09/01/2022	Paydown		872,398	872,398	892,370	891,699		(19,301)		(19,301)		872,398				8,674	10/01/2035	1.A
31418D-TQ-5	FN MA4158 - RMBS		09/01/2022	Paydown		484,463	484,463	499,981	500,477		(16,014)		(16,014)		484,463				4,697	10/01/2050	1.A
31418D-UC-4	FN MA4178 - RMBS		09/01/2022	Paydown		110,446	110,446	111,671	111,681		(1,235)		(1,235)		110,446				1,109	11/01/2035	1.A
31418D-UF-7	FN MA4181 - RMBS		09/01/2022	Paydown		429,294	429,294	432,916	432,782		(3,488)		(3,488)		429,294				4,283	11/01/2050	1.A
31418D-UG-5	FN MA4182 - RMBS		09/01/2022	Paydown		521,842	521,842	539,413	539,681		(17,839)		(17,839)		521,842				5,468	11/01/2050	1.A
31418D-VA-7	FN MA4208 - RMBS		09/28/2022	Various		1,472,838	1,820,750	1,888,958	1,888,818		(7,517)		(7,517)		1,881,301		(408,464)	(408,464)	29,407	12/01/2050	1.A
31418D-VB-5	FN MA4209 - RMBS		09/01/2022	Paydown		455,294	455,294	461,270	460,990		(5,696)		(5,696)		455,294				3,618	12/01/2050	1.A
31418D-VW-9	FN MA4228 - RMBS		09/01/2022	Paydown		121,057	121,057	124,350	124,170		(3,113)		(3,113)		121,057				1,201	01/01/2036	1.A
31418D-WR-9	FN MA4255 - RMBS		09/01/2022	Paydown		379,048	379,048	379,345	379,350		(302)		(302)		379,048				5,035	02/01/2051	1.A
31418D-X9-8	FN MA4303 - RMBS		09/01/2022	Paydown		28,084	28,084	29,034	28,964		(880)		(880)		28,084				372	04/01/2036	1.A
31418D-Y3-0	FN MA4329 - RMBS		09/01/2022	Paydown		15,799	15,799	16,302	16,302		(462)		(462)		15,799				210	05/01/2036	1.A
31418D-YC-0	FN MA4306 - RMBS		09/01/2022	Paydown		671,144	671,144	694,634	695,219		(24,075)		(24,075)		671,144				11,075	04/01/2051	1.A
31418M-LN-0	FN AD0588 - RMBS		09/01/2022	Paydown		7,096	7,096	7,488	7,455		(359)		(359)		7,096				58	12/01/2039	1.A
31418R-HJ-3	FN AD3832 - RMBS		09/01/2022	Paydown		1,197	1,197	1,243	1,216		(18)		(18)		1,197				35	04/01/2025	1.A
31418W-PE-4	FN AD8520 - RMBS		09/01/2022	Paydown		4,669	4,669	4,619	4,619		50		50		4,669				124	08/01/2040	1.A
35563P-2S-7	SCRT 2021-2 MTU - CMO/RMBS		09/01/2022	Paydown		412,324	399,529	422,076	422,253		(9,929)		(9,929)		412,324				1,582	11/25/2060	1.A
35563P-5Y-1	SCRT 2021-3 TT - CMO/RMBS		09/01/2022	Paydown		64,062	64,148	65,477	65,388		(1,325)		(1,325)		64,062				835	03/25/2061	1.A
35563P-CE-7	SCRT 2017-3 M1 - CMO/RMBS		09/01/2022	Paydown		155,075	155,075	155,954	154,929		146		146		155,075				1,968	07/25/2056	2.C FE
35563P-E3-9	SCRT 2022-2 MA - CMO/RMBS		09/25/2022	Paydown		39,087	39,087	36,793			2,294		2,294		39,087				98	04/25/2062	1.A
35563P-HG-7	SCRT 2018-4 MB - CMO/RMBS		09/01/2022	Paydown		667					667		667		667					03/25/2058	1.A
60416Q-FT-6	MIN ST HSG HOME OWNER		09/01/2022	Paydown		85,121	85,121	85,972	85,159		(38)		(38)		85,121				1,348	09/01/2042	1.A FE
60416Q-FY-5	MIN ST HSG HOME OWNER		09/01/2022	Paydown		8,656	8,656	8,656	8,656						8,656				173	07/01/2044	1.A FE
60416Q-GC-2	MIN ST HSG HOME OWNER		09/01/2022	Paydown		130,001	130,001	130,001	130,001						130,001				2,353	02/01/2045	1.A FE
60416Q-GD-0	MIN ST HSG HOME OWNER		09/01/2022	Paydown		103,398	103,398	103,398	103,397						103,398				2,038	04/01/2045	1.A FE
60416Q-GE-8	MIN ST HSG HOME OWNER		09/01/2022	Paydown		84,434	84,434	84,434	84,434						84,434				1,629	06/01/2045	1.A FE
60416Q-GG-3	MIN ST HSG HOME OWNER		09/01/2022	Paydown		39,458	39,458	39,458	39,458						39,458				750	02/01/2046	1.A FE
60416Q-GX-6	MIN ST HSG HOME OWNER		09/01/2022	Paydown		78,831	78,831	78,856	78,856		(24)		(24)		78,831				1,576	10/01/2047	1.A FE
60416Q-GZ-1	MIN ST HSG HOME OWNER		09/01/2022	Paydown		188,342	188,342	188,354	188,354		(12)		(12)		188,342				3,777	12/01/2047	1.A FE
60416Q-HA-5	MIN ST HSG HOME OWNER		09/01/2022	Paydown		44,137	44,137	44,137	44,137						44,137				946	03/01/2048	1.A FE
60416Q-HC-1	MIN ST HSG HOME OWNER		09/01/2022	Paydown		190,225	190,225	190,375	190,371		(146)		(146)		190,225				3,955	05/01/2048	1.A FE
60416Q-HL-1	MIN ST HSG HOME OWNER		09/01/2022	Paydown		120,875	120,875	120,935	120,934		(59)		(59)		120,875				2,719	03/01/2049	1.A FE
802649-QH-9	SANTA ROSA CALIF WASTEWATER REV		09/01/																		

STATEMENT AS OF SEPTEMBER 30, 2022 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
83756C-DZ-5	SOUTH DAKOTA HSG DEV AUTH		09/01/2022	Paydown		202,735	202,735	202,735	202,735						202,735				4,540	07/01/2043	1.A FE
91802R-AH-2	UTILITY DEBT AUTH N Y		09/29/2022	TENDER		4,205,200	4,000,000	4,399,440	4,171,744		(64,309)		(64,309)		4,107,435		(107,435)	(107,435)	362,978	12/15/2029	1.A FE
91802R-AL-3	UTILITY DEBT AUTH N Y		09/29/2022	TENDER		5,256,850	5,000,000	5,387,100	5,188,444		(70,453)		(70,453)		5,117,991		(117,991)	(117,991)	454,072	12/15/2032	1.A FE
91802R-AM-1	UTILITY DEBT AUTH N Y		09/29/2022	TENDER		6,308,220	6,000,000	6,433,920	6,217,739		(81,371)		(81,371)		6,136,368		(136,368)	(136,368)	544,887	12/15/2030	1.A FE
93976A-AH-5	WASHINGTON ST CONVENTION CTR PUB		07/01/2022	Call @ 100.00		10,000	10,000	10,000	10,000						10,000				679	07/01/2040	2.C FE
977123-H9-2	WISCONSIN ST TRANSN REV		07/01/2022	Call @ 100.00		2,000,000	2,000,000	2,103,380	2,024,914		(24,914)		(24,914)		2,000,000				90,000	07/01/2032	1.B FE
977123-J2-5	WISCONSIN ST TRANSN REV		07/01/2022	Call @ 100.00		2,500,000	2,500,000	2,616,650	2,529,008		(29,008)		(29,008)		2,500,000				112,500	07/01/2033	1.B FE
977123-J3-3	WISCONSIN ST TRANSN REV		07/01/2022	Call @ 100.00		1,360,000	1,360,000	1,418,602	1,374,972		(14,972)		(14,972)		1,360,000				61,200	07/01/2034	1.B FE
0909999999. Subtotal - Bonds - U.S. Special Revenues						131,359,681	132,653,234	131,897,713	131,724,597		(665,849)	447	(666,296)		131,881,482		(1,292,071)	(1,292,071)	4,166,139	XXX	XXX
00138C-AK-4	AIG GLOBAL FUNDING		07/01/2022	Maturity @ 100.00		500,000	500,000	499,975	500,000		25		25		500,000				11,500	07/01/2022	1.F FE
00392#-AA-0	MICROSOFT CORP		09/15/2022	Paydown		185,344	185,344	185,344	185,344						185,344				4,865	08/15/2039	1.B PL
00842B-AV-9	ABMT 2015-5 B3 - CMO/RMBS		09/01/2022	Paydown		13,738	13,738	14,182	14,216		(477)		(477)		13,738				319	07/25/2045	1.A
00842C-AU-9	ABMT 2015-7 B3 - CMO/RMBS		09/01/2022	Paydown		39,844	39,844	39,514	39,551		293		293		39,844				243	10/25/2045	1.A
00842U-AU-7	ABMT 2016-3 B3 - CMO/RMBS		09/01/2022	Paydown		41,855	41,855	41,464	41,497		358		358		41,855				236	08/27/2046	1.A
00908P-AA-5	A.C. THROUGH CERT SERIES 2017	C	07/15/2022	Paydown		307,200	307,200	307,200	307,200						307,200				10,138	07/15/2031	1.F FE
00908P-AB-3	A.C. THROUGH CERT SERIES 2017	C	07/15/2022	Paydown		44,160	44,160	44,160	44,160						44,160				784	07/15/2031	2.A FE
009090-AA-9	A. CANADA 2015-1 PASS THROUGH	C	09/15/2022	Paydown		357,501	357,501	350,642	353,019		4,483		4,483		357,501				12,870	09/15/2028	1.F FE
02007T-AC-9	ALLYA 2019-4 A3 - ABS		09/15/2022	Paydown		276,746	276,746	276,606	276,709		37		37		276,746				3,396	06/17/2024	1.A FE
023761-AA-7	A.A 2017-1 CLASS AA PASS		08/15/2022	Paydown		135,375	135,375	135,375	135,375						135,375				4,941	08/15/2030	2.A FE
02376W-AA-9	A.A 2017-1 CLASS AA PASS		07/15/2022	Paydown		142,513	142,513	148,365	146,206		(3,693)		(3,693)		142,513				5,843	07/15/2029	3.A FE
02377B-AA-4	A.A 2017-1 CLASS AA PASS		09/22/2022	Paydown		106,616	106,616	106,616	106,621		(5)		(5)		106,616				4,265	03/22/2029	3.B FE
02378W-AA-7	A.A 2017-1 CLASS AA PASS		08/15/2022	Paydown		64,481	64,481	49,175	52,198		12,283		12,283		64,481				3,192	08/15/2026	3.B FE
025816-BW-8	AMERICAN EXPRESS CO		08/09/2022	TORONTO DOMINION		10,009,700	10,000,000	9,989,600	9,996,641		1,268		1,268		9,997,909		11,791	11,791	378,222	08/03/2023	1.F FE
02582J-JM-3	AMXCA 2019-3 A - ABS		09/15/2022	Paydown		3,000,000	3,000,000	2,999,601	2,999,903		97		97		3,000,000				45,000	04/15/2025	1.A FE
030981-AL-8	AMERIGAS PARTNERS LP		09/22/2022	FORT WASHINGTON		220,200	240,000	238,435			155		155		238,590		(18,390)	(18,390)	11,730	05/20/2027	4.A FE
03674X-AQ-9	ANTERO RESOURCES CORP		09/20/2022	CREDIT SUISSE		252,654	241,000	264,758	262,289		(3,744)		(3,744)		258,545		(15,272)	(15,272)	26,912	02/01/2029	3.A FE
03674X-AS-5	ANTERO RESOURCES CORP		09/21/2022	FORT WASHINGTON		156,658	167,000	177,438	177,184		(1,225)		(1,225)		175,959		(19,301)	(19,301)	11,769	03/01/2030	3.A FE
037833-DK-3	APPLE INC		07/13/2022	MARKETAXESS		1,961,260	2,000,000	2,102,220	2,075,301		(6,777)		(6,777)		2,068,524		(107,264)	(107,264)	40,333	11/13/2027	1.B FE
04010L-AU-7	ARES CAPITAL CORP		07/08/2022	HILLTOP SECURITIES		8,558,720	8,600,000	8,189,897	8,478,520		57,147		57,147		8,536,667		23,053	23,053	277,589	02/10/2023	2.C FE
04685A-2P-5	ATHENE GLOBAL FUNDING		09/14/2022	TENDER		10,461,863	11,910,000	11,940,655	11,936,687		(3,194)		(3,194)		11,933,493				(1,160,382)	08/20/2027	1.E FE
04774#-AA-0	ATLANTA FALCONS STADIUM		09/01/2022	Paydown		42,824	42,824	42,824	42,824		(2)		(2)		42,824				1,537	09/01/2042	2.B PL
04774#-AB-8	ATLANTA FALCONS STADIUM		09/01/2022	Paydown		30,631	30,631	30,631	30,632		(2,105)		(2,105)		28,527				1,135	09/01/2042	2.B PL
054561-AJ-4	EQUITABLE HOLDINGS INC		08/10/2022	WELLS FARGO SECUR		9,983,500	10,000,000	9,982,617	9,988,366		995		995		9,989,360		(5,860)	(5,860)	352,833	04/20/2028	2.A FE
05522R-DB-1	BACCT 2019-1 A - ABS		08/15/2022	Various		1,070,000	1,070,000	1,093,908	1,080,225		(10,225)		(10,225)		1,070,000				12,412	01/15/2025	1.A FE
05565Q-DB-1	BP CAPITAL MARKETS PLC	C	07/05/2022	Call @ 100.00		(13,768)													(13,768)	05/04/2026	1.G FE
05849A-HA-1	BOAMS 2004-E 2A6 - CMO/RMBS		09/01/2022	Paydown		5,614	5,614	5,558	5,576		38		38		5,614				117	06/25/2034	1.A FM
06051G-6Q-6	BANK OF AMERICA CORP		07/21/2022	Call @ 100.00		8,878,000	8,878,000	9,020,669	8,908,540		(30,540)		(30,540)		8,878,000				250,004	07/21/2023	1.G FE
06406R-AK-3	BANK OF NEW YORK MELLON CORP		08/23/2022	Maturity @ 100.00		1,000,000	1,000,000	999,680	999,934		66		66		1,000,000				19,500	08/23/2022	1.E FE
06540A-AC-5	BANK 2019-BNK20 A2 - CMBIS		09/01/2022	Paydown		88,244	88,244	89,124	88,832		(588)		(588)		88,244				1,629	09/15/2062	1.A
065606-AC-9	BWISTA 2019-1 A3 - ABS		09/15/2022	Paydown		372,084	372,084	374,456	372,565		(481)		(481)		372,084				6,000	04/15/2024	1.A FE
071734-AD-9	BAUSCH HEALTH COMPANIES INC	C	09/07/2022	FORT WASHINGTON		35,500	100,000	100,000	100,000						100,000		(64,500)	(64,500)	8,050	01/15/2028	5.B FE
071734-AL-1	BAUSCH HEALTH COMPANIES INC	C	09/07/2022	FORT WASHINGTON		55,825	145,000	145,000	145,000						145,000		(89,175)	(89,175)	8,120	02/15/2031	5.B FE
071734-AN-7	BAUSCH HEALTH COMPANIES INC	C	09/08/2022	FORT WASHINGTON		103,513	155,000	155,000	155,000						155,000		(51,488)	(51,488)	5,882	06/01/2028	4.B FE
073914-C2-7	SAMI 1998-2 B - CMO/RMBS		09/01/2022	Paydown		9	9	9	9						9				9	05/02/2030	4.B FM
073914-C3-5	SAMI 1998-2 C - CMO/RMBS		09/01/2022	Paydown		25	25	3	1		24		24		25				24	05/02/2030	3.B FM
07877T-AB-7	BMIR 2018-3 M1B - CMO/RMBS		09/26/2022	Paydown		171,065	171,065	171,065	171,065						171,065				3,201	10/25/2028	1.E FE
10373Q-AD-2	BP CAPITAL MARKETS AMERICA INC		08/24/2022	Call @ 100.00		5,529,167	5,500,000	5,500,000	5,500,000						5,500,000				248,040	02/06/2024	1.F FE
110122-AT-5	BRISTOL-MYERS SQUIBB CO		08/01/2022	Maturity @ 100.00		273,000	273,000	268,943	272,739		261		261		273,000				5,460	08/01/2022	1.F FE
11042C-AA-8	BRITISH AIRWAYS PASS THROUGH CERT		09/15/2022	Paydown		57,266	57,266	57,819	57,804		(538)		(538)		57,266				1,148	09/15/2036	1.F FE
11042T-AA-1	B. AIRWAYS PASS THROUGH TRUST	C	09/20/2022	Paydown		266,502	266,502	266,502	266,502		(1)		(1)		266,502				7,595	03/20/2033	1.F FE
11043X-AA-1	B. AIRWAYS 2019-1 PASS THROUGH		09/15/2022	Paydown		63,557	63,557	63,557	63,557						63,557				1,573	06/15/2034	1.F FE
11043X-AB-9	B. AIRWAYS 2019-1 PASS THROUGH		09/15/2022	Paydown		42															

STATEMENT AS OF SEPTEMBER 30, 2022 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
126408-HJ-5	CSX CORP		09/21/2022	BANC OF AMERICA		1,919,180	2,000,000	2,149,120	2,108,662				(12,349)		2,096,312		(177,132)	(177,132)	80,644	03/01/2028	2.A FE
126650-AW-0	CVSPAS NOTES CTF - CMBS		09/10/2022	Paydown		19,965	19,965	21,591	20,797			(832)	(832)		19,965			265	01/11/2027	2.B	
126650-BP-4	CVSPAS 06 CRT - ABS		09/10/2022	Paydown		67,843	67,843	72,375	70,118			(2,275)	(2,275)		67,843			1,202	12/10/2028	2.B FE	
126650-BQ-2	CVSPAS 2007 CTF - CMBS		09/10/2022	Paydown		26,543	26,543	31,152	29,682			(3,139)	(3,139)		26,543			557	01/10/2030	2.B FE	
126650-BS-8	CVSPAS 2009-B CFT - ABS		09/10/2022	Paydown		35,507	35,507	44,189	42,054			(6,547)	(6,547)		35,507			1,778	01/10/2032	2.B FE	
126650-BY-5	CVSPAS 2011 CTF - CMBS		09/10/2022	Paydown		148,654	148,654	149,864	149,404			(750)	(750)		148,654			5,808	01/10/2032	2.B FE	
126650-BZ-2	CVS HEALTH CORP		09/01/2022	Call @ 100.00		2,850,000	2,850,000	2,786,502	2,833,883			11,704	11,704		2,845,586		4,414	4,414	58,781	12/01/2024	2.B FE
12672#-AA-6	CVS HEALTH CORP		09/10/2022	Paydown		83,196	83,196	83,196	83,196						83,196			2,610	09/10/2034	2.B	
127097-AB-9	COTERRA ENERGY INC		09/29/2022	Call @ 100.00		2,500,000	2,500,000	2,688,125	2,669,945			(57,816)	(57,816)		2,612,129		(112,129)	(112,129)	90,538	06/01/2024	2.B FE
13057Q-AH-0	CALIFORNIA RESOURCES CORP		09/20/2022	Various		166,360	172,000	177,470	177,470			(625)	(625)		176,582			11,065	02/01/2026	4.B FE	
131347-CM-6	CALPINE CORP		07/25/2022	FORT WASHINGTON		207,160	220,000	220,000	220,000						220,000		(12,840)	(12,840)	9,313	02/15/2028	3.A FE
14040H-BZ-7	CAPITAL ONE FINANCIAL CORP		08/10/2022	MARKETAXESS		1,004,800	1,000,000	999,940	1,000,009			(1)	(1)		1,000,007			33,292	04/30/2025	2.A FE	
14041N-EX-5	COMET A(2015-4) A - ABS		07/15/2022	Various		770,000	770,000	801,071	780,107			(10,107)	(10,107)		770,000			4,793	05/15/2025	1.A FE	
14041N-FU-0	COMET 2019-2 A - ABS		08/15/2022	Various		2,799,000	2,799,000	2,860,337	2,827,157			(28,157)	(28,157)		2,799,000			32,095	08/15/2024	1.A FE	
14042#-AD-2	COPAR 2019-1 A4 - ABS		09/15/2022	Paydown		72,667	72,667	73,811	73,053			(386)	(386)		72,667			1,395	10/15/2024	1.A FE	
14315N-AC-4	CARMX 2019-1 A3 - ABS		09/15/2022	Paydown		254,151	254,151	260,833	257,208			(3,057)	(3,057)		254,151			5,051	03/15/2024	1.A FE	
14315P-AD-7	CARMX 2019-3 A3 - ABS		09/15/2022	Paydown		389,967	389,967	399,960	395,283			(5,316)	(5,316)		389,967			5,663	08/15/2024	1.A FE	
14315W-AD-2	CARMX 2019-4 A3 - ABS		09/15/2022	Paydown		90,717	90,717	90,713	90,715			1	1		90,717			1,219	11/15/2024	1.A FE	
14315X-AC-2	CARMX 2020-1 A3 - ABS		09/15/2022	Paydown		329,086	329,086	337,802	333,103			(4,017)	(4,017)		329,086			4,132	12/16/2024	1.A FE	
14316H-AC-6	CARMX 2020-4 A3 - ABS		09/15/2022	Paydown		346,198	346,198	346,122	346,155			43	43		346,198			1,153	08/15/2025	1.A FE	
14316L-AC-7	CARMX 2019-2 A3 - ABS		09/15/2022	Paydown		737,243	737,243	755,821	746,819			(9,576)	(9,576)		737,243			13,126	03/15/2024	1.A FE	
14686J-AB-6	CRVNA 2022-P2 A2 - ABS		09/10/2022	Paydown		63,451	63,451	63,074	63,074			377	377		63,451			352	07/10/2025	1.A FE	
14687A-AN-8	CRVNA 2020-P1 A3 - ABS		09/08/2022	Paydown		298,117	298,117	298,478	298,405			(288)	(288)		298,117			870	06/09/2025	1.A FE	
14687J-AD-1	CRVNA 2021-P3 A2 - ABS		09/10/2022	Paydown		215,458	215,458	215,416	215,425			33	33		215,458			552	01/10/2025	1.A FE	
14687T-AB-3	CRVNA 2021-P2 A2 - ABS		09/10/2022	Paydown		551,509	551,509	551,466	551,483			26	26		551,509			1,102	07/10/2024	1.A FE	
166756-AS-5	CHEVRON USA INC		09/21/2022	J P MORGAN SECUR		923,130	1,000,000	1,136,650	1,121,698			(11,113)	(11,113)		1,110,585		(187,455)	(187,455)	30,514	10/15/2029	1.D FE
17329P-CL-4	QMLTI 211N1 A7A - CMO/RMBS		09/01/2022	Paydown		53,275	53,275	54,661	54,653			(1,378)	(1,378)		53,275			223	05/25/2051	1.A	
17329R-CN-6	QMLTI 2021-INV2 A7A - CMO/RMBS		09/01/2022	Paydown		90,478	90,478	92,967	92,923			(2,445)	(2,445)		90,478			420	05/25/2051	1.A	
178180-GD-1	CITY NATIONAL BANK (CALIFORNIA)		07/15/2022	Maturity @ 100.00		4,000,000	4,000,000	4,046,180	4,003,146			(3,146)	(3,146)		4,000,000			215,000	07/15/2022	1.F FE	
184692-A#-8	CLEARBRIDGE ENERGY MLP OPPORTU		07/12/2022	Maturity @ 100.00		3,730,735	3,730,735	3,730,735	3,730,735						3,730,735			151,468	07/12/2022	1.A FE	
198280-AF-6	COLUMBIA PIPELINE GROUP INC		08/10/2022	HSBC SECURITIES		1,004,330	1,000,000	998,602	999,443			94	94		999,537		4,793	4,793	31,375	06/01/2025	1.G FE
20267V-AD-9	CBSLT 2017-A-GS C - ABS		09/25/2022	Paydown		846	846	846	846						846			30	05/28/2041	1.D FE	
20268C-AA-6	CBSLT 19AGS A1 - ABS		09/25/2022	Paydown		103,413	103,413	103,377	103,371			42	42		103,413			1,142	01/25/2047	1.A FE	
20268W-AA-2	CBSLT 2021-A-GS A - ABS		09/25/2022	Paydown		21,629	21,629	21,624	21,623			6	6		21,629			174	03/25/2052	1.A FE	
231021-AT-3	CUMMINS INC		09/21/2022	GOLDMAN SACHS		1,591,040	2,000,000	1,992,600	1,993,553			506	506		1,994,059		(403,019)	(403,019)	31,833	09/01/2030	1.F FE
233851-DU-5	DAHLER FINANCE N/A LLC		08/15/2022	Maturity @ 100.00		11,500,000	11,500,000	11,495,745	11,499,159			841	841		11,500,000			293,250	08/15/2022	1.G FE	
24703K-AC-9	DEFT 192 A3 - ABS		08/22/2022	Paydown		44,669	44,669	44,668	44,669						44,669			512	10/22/2024	1.A FE	
24737A-AA-5	DELTA AIRLINES 2015-1		07/30/2022	Paydown		40,319	40,319	40,287	40,319			32	32		40,319			1,142	01/30/2025	3.A FE	
26884A-BM-4	ERP OPERATING LP		09/22/2022	TRUIST FIN CORP		1,684,220	2,000,000	1,989,960	1,992,002			659	659		1,992,662		(308,442)	(308,442)	55,694	02/15/2030	1.G FE
269246-BP-8	E*TRADE FINANCIAL LLC		07/25/2022	Call @ 100.00		2,000,000	2,000,000	1,991,520	1,998,312			1,186	1,186		1,999,498		502	502	54,083	08/24/2022	1.G FE
269246-BQ-6	E*TRADE FINANCIAL LLC		08/10/2022	FIRST TENNESSEE CAP		1,970,160	2,000,000	1,956,740	1,972,484			2,693	2,693		1,975,176		(5,016)	(5,016)	73,467	08/24/2027	1.G FE
278265-AE-3	MORGAN STANLEY		08/10/2022	MORGAN STANLEY		878,175	900,000	928,125	919,663			(2,226)	(2,226)		917,337		(39,162)	(39,162)	26,775	04/06/2027	1.G FE
28470R-AH-5	CAESARS ENTERTAINMENT INC		08/03/2022	FORT WASHINGTON		339,690	338,000	357,170	352,531			(4,465)	(4,465)		348,066		(8,376)	(8,376)	23,120	07/01/2025	4.B FE
28932M-AA-3	ELM ROAD GENERATING STATION		08/11/2022	Paydown		415,471	415,471	415,471	415,471						415,471			21,642	02/11/2030	1.F FE	
29336U-AB-3	ENLINK MIDSTREAM PARTNERS LP		08/31/2022	TENDER		8,776,125	8,700,000	8,685,210	8,696,517			991	991		8,697,508		2,492	2,492	427,025	04/01/2024	3.A FE
29365K-AC-7	ETI 1 A3 - ABS		08/01/2022	Paydown		1,152,487	1,152,487	1,151,621	1,152,443			43	43		1,152,487			50,479	11/01/2023	1.A FE	
29373K-AB-9	EFF 2020-1 A2 - ABS		09/20/2022	Paydown		2,336,879	2,336,879	2,375,035	2,360,992			(24,113)	(24,113)		2,336,879			28,048	12/22/2025	1.A FE	
29373M-AB-5	EFF 213 A2 - ABS		09/22/2022	Paydown		1,378,009	1,378,009	1,377,756	1,377,763			246	246		1,378,009			7,416	08/27/2027	1.A FE	
29374W-AB-2	EFF 2019-3 A2 - ABS		09/20/2022	Paydown		1,003,625	1,003,625	1,020,090	1,011,918			(8,293)	(8,293)		1,003,625			13,447	05/20/2025	1.A FE	
29425A-AE-3	CGOIT 2015-GC33 AAB - CMBS		09/01/2022	Paydown		12,546	12,546	13,361	12,778			(233)	(233)		12,546			294	09/12/2058	1.A	
30231G-BH-4	EXXON MOBIL CORP		07/13/2022	BANC OF AMERICA		2,954,430	3,000,000	3,000,000	3,000,000						3,000,000		(45,570)	(45,570)	73,803	03/19/2025	1.D FE
30288#-AA-8	FREEMONT LNG		09/30/2022	Paydown		422,000	422,000	422,000	422,000												

STATEMENT AS OF SEPTEMBER 30, 2022 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
33766#-AA-9	FIRSTENERGY CORP		09/15/2022	Paydown		96,776	96,862	97,824	79,203		(937)		(937)		96,776				1,482	06/15/2035	3.A
33766#-AC-1	FECH 2013 A3 - ABS		07/15/2022	Paydown		317,135	317,135	317,128	317,135						317,135				10,941	01/15/2036	1.A FE
33851#-AF-2	FSMT 2161NV A6 - CMO/RMBS		09/01/2022	Paydown		75,272	75,272	77,342	77,300		(2,028)		(2,028)		75,272				290	08/25/2051	1.A
33851#-AE-5	FSMT 2021-S1NV A5 - CMO/RMBS		09/01/2022	Paydown		67,077	67,077	68,513	68,499		(1,421)		(1,421)		67,077				274	07/25/2051	1.A
34107#-AA-7	FLORIDA PIPELINE HOLDINGS		08/15/2022	Paydown		257,405	257,405	257,405	257,405						257,405				8,143	08/15/2038	2.B PL
34528#-AK-2	FORDO 2020-A A3 - ABS		09/15/2022	Paydown		268,730	268,730	271,008	270,280		(1,550)		(1,550)		268,730				1,856	08/15/2038	1.A FE
34529#-AA-7	FORDR 2017-REV2 A - ABS		09/15/2022	Various		29,111,992	29,115,000	29,412,082	29,324,259		(195,449)		(195,449)		29,128,810		(16,817)	(16,817)	500,192	03/15/2029	1.A FE
34533#-AB-6	FORDO 2020-C A2 - ABS		07/15/2022	Paydown		59,971	59,971	59,970	59,971						59,971				87	09/15/2023	1.A FE
34533#-AD-2	FORDO 2020-C A3 - ABS		09/15/2022	Paydown		198,964	198,964	198,947	198,954		9		9		198,964				565	07/15/2025	1.A FE
34537#-DA-5	FORD MOTOR CO		08/11/2022	FORT WASHINGTON		211,000	211,000	211,000	211,000								(34,240)	(34,240)	5,200	02/12/2032	3.A FE
34539#-WF-6	FORD MOTOR CREDIT COMPANY LLC		09/20/2022	Maturity @ 100.00		2,200,000	2,200,000	2,165,724	2,192,660		7,340		7,340		2,200,000				93,500	09/20/2022	3.B FE
34539#-ZU-0	FORD MOTOR CREDIT COMPANY LLC		09/21/2022	SMBC NIKKO AMERICA		1,998,000	2,000,000	1,998,960	1,999,734		232		232				(1,966)	(1,966)	59,928	11/01/2022	3.B FE
34960#-AB-7	FORTRESS TRANSPORTATION		07/05/2022	Call @ 100.00		86,730	84,000	87,360	86,389		(794)		(794)		85,595		(1,595)	(1,595)	3,779	10/01/2025	3.C FE
36120#-AA-7	FXI HOLDINGS INC		08/24/2022	FORT WASHINGTON		304,763	359,000	365,334	393,170		(4,621)		(4,621)		360,652		(55,890)	(55,890)	22,624	11/01/2024	4.C FE
36197#-AC-3	GSMS 2013-G1 A2 - CMBS		09/01/2022	Paydown		9,353,346	9,353,346	9,633,751	9,378,872		(25,526)		(25,526)		9,353,346				221,967	04/11/2031	1.A
36228#-Z0-8	GSR 2004-6F 3A3 - CMO/RMBS		09/01/2022	Paydown		1,527	1,527	1,545	1,536		(9)		(9)		1,527				66	05/25/2034	1.A FM
36242#-BU-6	GSR 2004-9 5A7 - CMO/RMBS		09/01/2022	Paydown		57,826	57,826	53,301	57,186		640		640		57,826				917	08/25/2034	1.A FM
36250#-AC-9	GSMS 2015-GC32 A3 - CMBS		07/01/2022	Paydown		2,030,085	2,030,085	2,050,234	2,033,946		(3,861)		(3,861)		2,030,085				43,996	07/10/2048	1.A
36258#-AD-6	GMICAR 2020-2 A3 - CMBS		09/16/2022	Paydown		386,850	386,850	393,170	390,443		(3,593)		(3,593)		386,850				3,836	12/16/2024	1.A FE
36259#-AC-5	GMICAR 2020-3 A3 - ABS		09/16/2022	Paydown		725,818	725,818	725,652	725,743		75		75		725,818				2,174	04/16/2025	1.A FE
36955#-BG-2	GENERAL DYNAMICS CORP		08/09/2022	DEUTSCHE BANK		10,127,163	10,150,000	10,025,561	10,086,507		10,914		10,914		10,097,421		29,742	29,742	262,490	05/15/2025	1.G FE
37940#-AN-2	GLOBAL PAYMENTS INC		08/31/2022	FORT WASHINGTON		328,607	331,000	330,796	330,796						330,797		(2,190)	(2,190)	487	08/15/2029	2.C FE
37959#-AA-0	GLOBE LIFE INC		09/21/2022	WELLS FARGO SECUR		1,584,400	2,000,000	1,996,440	1,996,878		242		242		1,997,120		(412,720)	(412,720)	47,539	08/15/2030	2.A FE
38013#-AE-1	GMICAR 2018-4 A4 - ABS		09/16/2022	Paydown		3,821,777	3,821,777	3,972,856	3,866,856		(45,080)		(45,080)		3,821,777				90,909	06/17/2024	1.A FE
38014#-AB-1	GMLAT 2021-2 A2 - ABS		09/20/2022	Paydown		227,823	227,823	227,819	227,822		2		2		227,823				340	07/20/2023	1.A FE
38141#-WB-6	GOLDMAN SACHS GROUP INC		08/10/2022	DAIWA SECURITIES		5,939,640	6,000,000	5,983,200	5,990,798		1,022		1,022		5,991,820		(52,180)	(52,180)	241,267	01/26/2027	2.A FE
39121#-AH-9	GREAT RIVER ENERGY		07/01/2022	Paydown		1,685,185	1,685,185	1,685,185	1,685,185						1,685,185				102,122	07/01/2026	1.G
39121#-AH-3	GREAT RIVER ENERGY		07/01/2022	Call @ 100.00		708,000	708,000	708,000	708,000						708,000				31,704	07/01/2030	1.G FE
41086#-AG-0	HANOVER INSURANCE GROUP INC		09/22/2022	GOLDMAN SACHS		1,544,820	2,000,000	1,997,360	1,997,719		174		174		1,997,893		(453,073)	(453,073)	53,472	09/01/2030	2.B FE
42194#-AJ-3	HRTI LLC		07/22/2022	Securian AM															(3,000)	05/01/2025	2.B FE
42824#-AN-9	HEWLETT PACKARD ENTERPRISE CO		08/15/2022	Call @ 100.00		2,000,000	2,000,000	2,109,727	2,013,131		(13,131)		(13,131)		2,000,000				73,333	10/15/2022	2.B FE
43730#-AA-4	HPA 211 A - CMBS		09/19/2022	Paydown		175,308	175,308	161,555	67,984		13,753		13,753		175,308				632	09/19/2041	1.A FE
43730#-AB-0	HPA 2021-3 B - CMBS		09/01/2022	Paydown		91,109	91,109	88,537	85,735		2,576		2,576		91,109				317	01/18/2041	1.0 FE
43813#-AC-6	HAROT 2020-3 A3 - ABS		09/18/2022	Paydown		3,030,167	3,030,167	3,038,571	3,034,831		(4,665)		(4,665)		3,030,167				7,463	10/18/2024	1.A FE
43814#-AD-7	HAROT 2019-1 A4 - ABS		08/18/2022	Paydown		1,106,552	1,106,552	1,150,469	1,127,085		(20,533)		(20,533)		1,106,552				21,031	06/18/2024	1.A FE
43815#-AB-0	HAROT 2021-3 A2 - ABS		09/18/2022	Paydown		497,163	497,163	497,114	497,129		35		35		497,163				662	02/20/2024	1.A FE
43815#-AC-0	HAROT 2019-2 A3 - ABS		09/21/2022	Paydown		366,751	366,751	363,656	365,954		797		797		366,751				6,028	06/21/2023	1.A FE
44644#-AB-3	HUNTINGTON NATIONAL BANK		07/07/2022	Call @ 100.00		17,375,000	17,375,000	17,809,028	17,576,687		(201,687)		(201,687)		17,375,000				398,177	08/07/2022	1.G FE
44891#-AR-8	HYUNDAI CAPITAL AMERICA		09/20/2022	Maturity @ 100.00		4,790,000	4,790,000	4,783,749	4,789,176		824		824		4,790,000				155,675	09/20/2022	2.A FE
44933#-AC-0	HART 2020-B A3 - ABS		09/15/2022	Paydown		179,006	179,006	179,545	179,373		(367)		(367)		179,006				572	12/16/2024	1.A FE
45082#-AA-0	IBERIA LINEAS AEREAS DE ESPANA	C	09/20/2022	Paydown		131,208	131,208	131,208	131,208						131,208				3,808	05/20/2033	1.F PL
45820#-JY-8	INTEREL BUSINESS MACHINES		07/13/2022	BANC OF AMERICA		4,956,350	5,000,000	5,186,400	5,099,043		(21,968)		(21,968)		5,077,075		(120,725)	(120,725)	100,000	05/15/2024	1.G FE
46590#-AS-9	JPMCC 2016-JP2 ASB - CMBS		09/01/2022	Paydown		44,243	44,243	45,162	44,487		(244)		(244)		44,243				728	08/17/2049	1.A
46590#-AA-4	JBS USA LUX SA		09/08/2022	FORT WASHINGTON		22,789	22,000	22,000	22,000						22,000		789		2,395	04/15/2029	2.C FE
46590#-AC-0	JBS USA LUX SA		09/07/2022	FORT WASHINGTON		150,836	175,000	175,000	175,000						175,000		(24,164)	(24,164)	5,243	12/01/2031	2.C FE
46590#-AT-3	JBS USA LUX SA		09/07/2022	FORT WASHINGTON		171,626	200,000	197,826	198,034		121		121		198,045		(26,419)	(26,419)	9,042	01/15/2032	2.C FE
46591#-AH-0	CACLN 2020-2 C - ABS		09/25/2022	Paydown		178,992	178,992	178,992	178,992						178,992				1,358	02/25/2028	1.C FE
46592#-AF-1	JPMIT 2021-13 A4 - CMO/RMBS		09/01/2022	Paydown		88,819	88,819	90,096	90,078		(1,258)		(1,258)		88,819				300	04/25/2052	1.A
46624#-L2-7	JPMIT 2006-A2 5A4 - CMO/RMBS		09/01/2022	Paydown		3,039	3,039	1,529	1,529		1,510		1,510		3,039				49	11/25/2033	1.A FM
46637#-AA-8	JPMCC 2012-WILDN A - CMBS		09/01/2022	Paydown		125,278	125,278	127,157	125,283		(4)		(4)		125,278				3,281	05/07/2030	3.B FM
46639#-AF-7	JPMCC 2013-C10 ASB - CMBS		09/01/2022	Paydown		32,420	32,420	33,619	32,558		(138)		(138)		32,420				545	12/17/2047	1.A

STATEMENT AS OF SEPTEMBER 30, 2022 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
46645L-AZ-0	JPMBB 2016-C1 ASB - CMBS		09/01/2022	Paydown		26,111	26,111	27,645	26,575		(464)		(464)		26,111				583	03/17/2049	1.A
46647P-AF-3	JPMORGAN CHASE & CO		08/10/2022	SUSQUEHANNA GROUP		4,326,435	4,500,000	4,500,000	4,500,000					4,500,000		(173,565)	(173,565)	124,343	05/01/2028	1.F FE	
46647P-BA-3	JPMORGAN CHASE & CO		07/13/2022	MORGAN STANLEY		1,961,740	2,000,000	2,133,660	2,086,021		(10,782)		(10,782)	2,075,239		(113,499)	(113,499)	76,120	01/29/2027	1.F FE	
46648H-BB-8	JPMIT 2017-2 B4 - CMO/RMBS		09/01/2022	Paydown		37,799	37,799	39,122	39,023		(1,225)		(1,225)		37,799			921	05/28/2047	1.F FE	
48255K-AA-4	KKR CORE HOLDING CO. LLC	C	08/15/2022	Redemption @ 100.00		97,939	97,939	97,939	48,969					97,939				2,946	08/12/2031	2.B PL	
48259*-AA-5	KEURIG DR PEPPER INC		09/15/2022	Paydown		50,011	50,011	50,011	50,011					50,011				1,040	12/31/2035	2.C Z	
48259*-AA-3	VEYRON/KOP BLUE STAR LEASING L		09/10/2022	Paydown		68,700	68,700	68,700	68,700					68,700				1,512	06/24/2037	2.B	
49326E-EG-4	KEYCORP		08/09/2022	KEYBANC CAPITAL		11,756,640	12,000,000	11,979,480	11,986,569		1,147		1,147	11,987,716		(231,076)	(231,076)	384,033	04/30/2028	2.A FE	
50117W-AC-8	KCOT 2020-1 A3 - ABS		09/15/2022	Paydown		540,226	540,226	557,129	546,464		(6,238)		(6,238)	540,226				7,060	03/15/2024	1.A FE	
514666-AJ-5	LAND O' LAKES INC		08/15/2022	Call @ 100.00		10,000,000	10,000,000	10,000,000	10,000,000					10,000,000				450,000	11/15/2022	2.C FE	
53154*-AB-9	LIBERTY UTILITIES		08/01/2022	Maturity @ 100.00		9,000,000	9,000,000	9,430,960	9,091,185		(91,185)		(91,185)	9,000,000				404,100	08/01/2022	2.A FE	
550241-AA-1	LUMEN TECHNOLOGIES INC		07/21/2022	FORT WASHINGTON		127,294	155,000	155,000	155,000					155,000		(27,706)	(27,706)	5,091	06/15/2029	3.C FE	
553514-AC-4	MSBAM 2012-CKSV A2 - CMBS		09/01/2022	Paydown		22,649	22,649	23,256	22,674		(26)		(26)	22,649				557	10/18/2030	1.D FM	
56540*-AA-3	MAPLELEAF MIDSTREAM		07/05/2022	Paydown		676,857	676,857	691,356	687,577		(10,720)		(10,720)	676,857				30,865	09/30/2025	3.A PL	
573284-AV-8	MARTIN MARIETTA MATERIALS INC		09/21/2022	MORGAN STANLEY		1,643,960	2,000,000	1,977,280	1,980,937		1,522		1,522	1,982,458		(338,498)	(338,498)	51,111	03/15/2030	2.B FE	
58525-BJ-6	MFPC 1998-2 B1 - CMO/RMBS		09/01/2022	Paydown		163	163	158	161		2		2	163				7	06/25/2028	1.A FM	
58770G-AC-4	MBALT 2021-A A3 - ABS		09/15/2022	Paydown		481,308	481,308	481,308	481,476		(167)		(167)	481,308				800	01/16/2024	1.A FE	
588056-BB-6	MERCER INTERNATIONAL INC	C	07/18/2022	FORT WASHINGTON		227,124	264,000	271,486	270,858		(464)		(464)	270,393		(43,269)	(43,269)	12,842	02/01/2029	4.A FE	
59001K-AG-5	MERITOR INC		09/02/2022	Call @ 100.00		80,438	78,000	79,076	78,748		(135)		(135)	78,612		(612)	(612)	6,107	06/01/2025	4.A FE	
59001K-AH-3	MERITOR INC		09/29/2022	Call @ 100.00		174,896	172,000	176,076	175,544		(436)		(436)	175,108		(3,108)	(3,108)	9,002	12/15/2028	4.A FE	
594918-BK-9	MICROSOFT CORP		07/14/2022	Various		20,676,700	20,000,000	19,943,600	19,957,200		1,252		1,252	19,958,452		718,248	718,248	593,250	11/03/2035	1.A FE	
60040*-AA-0	MILLENNIUM PIPELINE COMPANY		07/05/2022	Paydown														2,319	06/30/2027	1.G PL	
61761B-AC-0	MSC 2012-STAR A2 - CMBS		08/05/2022	Paydown		15,000,000	15,000,000	15,007,436	14,991,965		8,035		8,035	15,000,000				320,100	08/07/2034	1.A FM	
61761B-AL-0	MSC 2012-STAR B - CMBS		08/05/2022	Paydown		1,280,000	1,280,000	1,311,917	1,280,181		(1,740)		(1,740)	1,280,000				29,449	08/07/2034	1.A FM	
61761B-AN-6	MSC 2012-STAR C - CMBS		08/05/2022	Paydown		5,000,000	5,000,000	5,124,853	5,006,756		(6,756)		(6,756)	5,000,000				128,400	08/07/2034	1.A FM	
61980*-AA-4	Motion and Flow Control Products		07/19/2022	Redemption @ 100.00		920,059	910,949	910,949	910,949					910,949				54,464	10/31/2026	5.B GI	
62877C-AA-1	NAC AVIATION 29	C	09/02/2022	Call @ 100.00		645,109	645,109	645,109	645,109					645,109				208	06/30/2026	4.B FE	
637432-AP-6	NATIONAL RURAL UT COOP		08/10/2022	GOLDMAN SACHS		1,952,000	2,000,000	1,994,120	1,996,219		346		346	1,996,565		(44,565)	(44,565)	68,944	02/07/2028	1.E FE	
63935B-AA-1	NAVSL 20H A - ABS		09/15/2022	Paydown		71,043	71,043	71,037	71,036		7		7	71,043				622	01/15/2069	1.A FE	
63942G-AA-1	NAVSL 2021-F A - ABS		09/15/2022	Paydown		54,536	54,536	54,526	54,526		10		10	54,536				403	02/18/2070	1.A FE	
63942J-AA-5	NAVSL 21C A - ABS		09/15/2022	Paydown		39,367	39,367	39,358	39,358		9		9	39,367				276	10/15/2069	1.A FE	
63942L-AA-0	NAVSL 21B A - ABS		09/15/2022	Paydown		83,628	83,628	83,625	83,625		3		3	83,628				522	07/15/2069	1.A FE	
63942M-AA-8	NAVSL 2022-A A - ABS		09/15/2022	Paydown		56,204	56,204	56,203	56,203		1		1	56,204				311	07/15/2070	1.A FE	
64110L-AS-5	NETFLIX INC		09/12/2022	FORT WASHINGTON		161,288	165,000	154,379	154,379		354		354	154,733		6,554	6,554	3,329	04/15/2028	3.A FE	
64110L-AU-0	NETFLIX INC		09/12/2022	FORT WASHINGTON		157,211	159,000	160,193	160,193		(9)		(9)	160,184		(2,973)	(2,973)	2,113	11/15/2029	3.A FE	
647551-AE-9	NEW MOUNTAIN FINANCE CORP		07/15/2022	Maturity @ 100.00		10,000,000	10,000,000	10,000,000	10,000,000					10,000,000				476,000	07/15/2022	2.C FE	
65343H-AA-9	NEWSTAR ESCROW INC		09/08/2022	FORT WASHINGTON		239,663	249,000	248,410	248,410		41		41	248,451		(8,789)	(8,789)	9,221	07/15/2027	4.B FE	
65479H-AC-1	NAROT 2019-B A3 - ABS		09/15/2022	Paydown		127,875	127,875	127,875	127,875		201		201	127,875				2,128	11/15/2023	1.A FE	
65479J-AD-5	NAROT 2019-C A3 - ABS		09/15/2022	Paydown		110,639	110,639	112,736	111,916		(1,276)		(1,276)	110,639				1,419	07/15/2024	1.A FE	
65479K-AD-2	NAROT 2019-A A3 - ABS		09/15/2022	Paydown		66,382	66,382	67,074	67,074		(692)		(692)	66,382				1,224	10/16/2023	1.A FE	
65479K-AE-0	NAROT 2019-A A4 - ABS		09/15/2022	Paydown		142,198	142,198	149,880	145,865		(3,667)		(3,667)	142,198				3,199	09/15/2025	1.A FE	
65479M-AC-0	NAROT 2020-A A3 - ABS		09/15/2022	Paydown		399,887	399,887	404,105	403,251		(3,364)		(3,364)	399,887				3,672	12/16/2024	1.A FE	
69359Y-AJ-6	PMTLT 211W1 A9 - CMO/RMBS		09/01/2022	Paydown		95,416	95,416	97,205	97,180		(1,765)		(1,765)	95,416				333	07/25/2051	1.A	
69371V-AM-9	PSMC 2018-1 A12 - CMO/RMBS		09/01/2022	Paydown		13,295	13,295	12,818	13,199		95		95	13,295				64	02/25/2048	1.A	
71710T-AA-6	PGC 2021-A A1 - ABS		07/15/2022	Paydown		106,967	106,967	106,966	106,966		1		1	106,967				1,054	07/15/2031	1.A FE	
719245-AD-4	SHUTTERFLY LLC		09/22/2022	FORT WASHINGTON		121,940	182,000	171,755	174,404		962		962	175,366		(53,426)	(53,426)	15,255	10/01/2026	4.C FE	
741503-AZ-9	BOOKING HOLDINGS INC		08/10/2022	BANC OF AMERICA		2,011,340	2,000,000	2,099,400	2,064,609		(9,026)		(9,026)	2,055,582		(44,242)	(44,242)	50,200	06/01/2026	1.G FE	
74332Y-AA-7	PROG 22SFRS A - RMBS		09/17/2022	Paydown		3,969	3,969	3,930	3,930		39		39	3,969				33	06/17/2039	1.A FE	
74338*-AA-6	AMAZON.COM INC		09/15/2022	Paydown		163,198	163,198	163,198	163,198					163,198				4,390	11/15/2039	1.D	
74352*-AA-7	AMAZON.COM INC		09/10/2022	Paydown		29,254	29,254	29,254	29,254					29,254				649	11/10/2040	1.E	
74434U-CQ-5	PRUD HOME Mtge SEC 1994-A		09/01/2022	Paydown		9	9	8	9		2		2	9				9	04/28/2024	1.A FM	
74434U-CR-3	PRUD HOME Mtge SEC 1994-A		09/01/2022	Paydown		32	32	29	29		2		2	32				32	04/28/2024	1.A FM	
756109-AU-8	REALTY INCOME CORP		09/22/2022	MARKETAXESS		1,862,740	2,000,000	2,106,560	2,077,293		(9,129)		(9,129)	2,068,164		(205,424)	(205,424)	87,397	01/15/2028	1.G FE	
759																					

STATEMENT AS OF SEPTEMBER 30, 2022 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
76169#-AG-8	REYES HOLDINGS LLC		07/31/2022	Various		1,700,000	1,700,000	1,700,000	1,700,000						1,700,000				87,210	07/31/2022	1.G PL
76174L-AA-1	PACTIV EVERGREEN GP ISSUER LLC		07/29/2022	FORT WASHINGTON		90,912	103,000	103,000	103,000						103,000		(12,088)	(12,088)	3,282	10/15/2027	4.A FE
776696-AE-6	ROPER TECHNOLOGIES INC		08/15/2022	Call @ 100.00		5,000,000	5,000,000	4,996,200	4,999,673		232		232		4,999,906		95	95	117,188	11/15/2022	2.A FE
7846EL-AE-7	SPOM SA	C	09/15/2022	FORT WASHINGTON		162,500	200,000	200,000	200,000						200,000		(37,500)	(37,500)	6,731	03/15/2030	3.A FE
78471C-AB-5	SOFI 2017-D 2FX - ABS		09/25/2022	Paydown		30,310	30,310	30,741	30,774		(464)		(464)		30,310				529	09/25/2040	1.A FE
78471H-AB-4	SOFI 2019-A A2X - ABS		09/15/2022	Paydown		88,065	88,065	88,054	88,057		9		9		88,065				2,162	06/15/2048	1.A FE
80285W-AF-4	SDART 2020-3 C - ABS		09/15/2022	Paydown		594,595	594,595	599,032	598,240		(3,645)		(3,645)		594,595				4,539	01/15/2026	1.C FE
80290C-AE-4	SBCLN 2021-1 B - ABS		09/15/2022	Paydown		167,733	167,733	167,733	167,733						167,733				2,001	12/15/2031	2.B FE
806884-AJ-4	SCHLUMBERGER INVESTMENT SA	C	09/21/2022	RBC DAIN RAUSCHER		1,721,980	2,000,000	2,070,640	2,061,368		(4,976)		(4,976)		2,056,392		(334,412)	(334,412)	39,308	06/26/2030	1.F FE
81744Y-AH-9	SEMT 2013-4 B3 - CMO/RMBS		09/01/2022	Paydown		59,198	60,450	60,450	60,415		(1,217)		(1,217)		59,198				535	04/27/2043	1.A
81745A-AG-2	SEMT 2013-5 B3 - CMO/RMBS		09/01/2022	Paydown		26,943	26,943	27,496	27,431		(488)		(488)		26,943				629	05/25/2043	1.A
81746L-CB-6	SEMT 2015-3 B1 - CMO/RMBS		09/01/2022	Paydown		13,320	13,320	13,650	13,500		(179)		(179)		13,320				99	07/25/2043	1.A
81746M-CC-2	SEMT 2015-4 B2 - CMO/RMBS		09/01/2022	Paydown		60,077	60,077	59,100	59,518		559		559		60,077				341	11/25/2030	1.A
81746T-CD-5	SEMT 2017-1 B3 - CMO/RMBS		09/01/2022	Paydown		17,602	17,602	18,241	18,214		(612)		(612)		17,602				424	02/25/2047	1.A
82280R-CE-7	SCOT 2017-1 B4 - CMO/RMBS		09/01/2022	Paydown		2,300	2,300	2,352	2,343		(44)		(44)		2,300				58	04/25/2047	2.C FE
82436B-AA-8	SHERWIN-WILLIAMS CO/THE		09/15/2022	Paydown		84,409	84,409	84,409	84,409						84,409				2,533	06/15/2038	2.B
82922T-AA-7	SINAI HEALTH SYSTEM		07/20/2022	Call @ 100.00		55,000	55,000	55,000	55,000						55,000				1,669	01/20/2036	1.B FE
830867-AB-3	SKYMILES IP LTD		08/02/2022	J P MORGAN SECUR		491,875	500,000	491,875	491,875						491,875				924	10/20/2028	2.B FE
83390U-AF-4	SOFI 2020-C AFX - ABS		09/15/2022	Paydown		29,577	29,577	29,577	29,571		6		6		29,577				382	02/15/2046	1.A FE
83401B-AB-2	SOFI 2017-F A2F - ABS		09/25/2022	Paydown		93,025	93,283	93,283	93,165		(140)		(140)		93,025				1,759	01/25/2041	1.A FE
83404W-AB-3	SOFI 2019-B A2X - ABS		09/15/2022	Paydown		153,592	153,592	153,584	153,586		7		7		153,592				3,150	08/17/2048	1.A FE
83405N-AA-4	SOFI 21B AFX - ABS		09/15/2022	Paydown		201,195	201,195	201,170	201,171		24		24		201,195				1,130	02/15/2047	1.A FE
83406B-AB-8	SOFI 2020-A A2X - ABS		09/15/2022	Paydown		123,617	123,617	123,557	123,576		41		41		123,617				2,078	05/15/2046	1.A FE
845011-AA-3	SOUTHWEST GAS CORP		09/22/2022	MARKETAXESS		1,806,640	2,000,000	2,156,520	2,120,671		(13,756)		(13,756)		2,106,916		(300,276)	(300,276)	72,972	04/01/2028	2.A FE
85205T-AL-4	SPIRIT AEROSYSTEMS INC		08/16/2022	FORT WASHINGTON		130,650	130,000	139,263	135,842		(1,788)		(1,788)		134,054		(3,404)	(3,404)	8,206	04/15/2025	4.B FE
86359A-K4-4	SASC 2003-25XS A6 - RMBS		08/01/2022	Paydown		2,328	2,328	2,327	2,319		9		9		2,328				4,326	08/25/2033	1.A FM
87305R-AK-5	TTM TECHNOLOGIES INC		09/06/2022	FORT WASHINGTON		319,399	368,000	338,039	339,934		1,895		1,895		339,934		(20,535)	(20,535)	11,902	03/01/2029	3.C FE
88250B-BG-8	TEXAS INSTRUMENTS INC		09/21/2022	MARKETAXESS		1,745,640	2,000,000	1,993,780	1,995,134		424		424		1,995,557		(249,917)	(249,917)	47,375	09/04/2029	1.E FE
88307*-AA-3	TEXOMA WIND LLC		07/05/2022	Paydown															6,574	06/30/2034	2.C PL
89147L-K*-0	TORTOISE ENERGY INFRASTRUCTURE		09/27/2022	Maturity @ 100.00		1,564,933	1,564,933	1,580,672	1,566,591		(1,658)		(1,658)		1,564,933				65,884	09/27/2022	1.A FE
89175T-AA-6	TPMT 2018-4 A1 - CMO/RMBS		09/01/2022	Paydown		61,846	61,846	60,367	60,737		1,109		1,109		61,846				296	06/25/2058	1.A
89231P-AE-8	TAOT 2018-D A4 - ABS		09/15/2022	Paydown		588,143	588,143	604,814	599,326		(11,183)		(11,183)		588,143				12,901	02/15/2024	1.A FE
89232H-AC-9	TAOT 2020-A A3 - ABS		09/15/2022	Paydown		77,426	77,426	79,138	78,068		(642)		(642)		77,426				856	05/15/2024	1.A FE
89233M-AD-5	TAOT 2019-D A3 - ABS		09/15/2022	Paydown		732,923	732,923	748,698	739,118		(6,195)		(6,195)		732,923				9,367	01/16/2024	1.A FE
89236X-AC-0	TAOT 2020-D A3 - ABS		09/15/2022	Paydown		693,170	693,170	694,106	693,654		(484)		(484)		693,170				1,617	01/15/2025	1.A FE
89238J-AB-1	TAOT 2021-D A2 - ABS		09/15/2022	Paydown		208,337	208,337	207,938	207,961		376		376		208,337				430	08/15/2024	1.A FE
89239A-AD-5	TAOT 2019-A A3 - ABS		09/15/2022	Paydown		18,771	18,771	18,767	18,770		1		1		18,771				356	07/17/2023	1.A FE
893647-BQ-9	TRANSIGM INC		08/16/2022	FORT WASHINGTON		245,070	270,000	270,000	270,000						270,000		(24,930)	(24,930)	10,255	05/01/2029	4.C FE
89614Y-AA-4	TON 2021-SFR1 A - CMBS		09/17/2022	Paydown		3,109	3,109	2,803	3,06		306		306		3,109					07/19/2038	1.A FE
89788K-AA-4	TRUIST BANK		09/21/2022	KEYBANC CAPITAL		1,622,640	2,000,000	1,996,800	1,997,330		216		216		1,997,546		(374,906)	(374,906)	46,500	03/11/2030	1.F FE
90269C-AD-2	UBSBB 2012-C2 A4 - CMBS		09/01/2022	Paydown		277,855	277,855	287,525	278,993		(1,138)		(1,138)		277,855				5,975	05/11/2063	1.A FM
90276R-BD-9	UBSCM 2017-C4 A3 - CMBS		09/01/2022	Paydown		926,560	926,560	956,539	952,506		(25,946)		(25,946)		926,560				20,697	10/17/2050	1.A
90290M-AE-1	US FOODS INC		09/12/2022	FORT WASHINGTON		150,444	166,000	166,375	166,371		(22)		(22)		166,349		(15,905)	(15,905)	5,752	06/01/2030	4.C FE
90349G-BE-4	UBSBB 2013-C6 A3 - CMBS		09/01/2022	Paydown		7,838,712	7,838,712	7,917,053	7,839,957		(1,245)		(1,245)		7,838,712				169,818	04/12/2046	1.A
904764-BH-9	UNILEVER CAPITAL CORP		09/21/2022	BANC OF AMERICA		1,719,400	2,000,000	1,981,980	1,985,850		1,233		1,233		1,987,083		(267,683)	(267,683)	44,507	09/06/2029	1.E FE
909319-AA-3	UN. AIRLINES PASS 2013 1A		08/15/2022	Paydown		167,005	167,005	167,005	167,011		(6)		(6)		167,005				7,181	02/15/2027	2.B FE
90932N-AA-1	U.A CLASS B PASS THROUGH CERT		09/01/2022	Paydown		274,148	274,148	274,148	274,148		(14)		(14)		274,148				12,611	09/01/2027	3.A FE
90932Q-AA-4	U.A 2014-2 PASS THROUGH TRUST		09/03/2022	Paydown		191,994	191,994	191,994	192,000		(7)		(7)		191,994				7,200	03/03/2028	2.A FE
90932Q-AB-2	U.A 2014-2 PASS THROUGH TRUST		09/03/2022	Various		1,186,996	1,186,996	1,187,029	1,186,996		(33)		(33)		1,186,996				54,899	03/03/2024	3.A FE
90932V-AA-3	U.A PASS THROUGH TRUST 2020-1		07/15/2022	Paydown		125,800	125,800	125,800	125,800						125,800				2,942	07/15/2027	2.C FE
90933H-AA-3	U.A CLASS B PASS THROUGH CERT		07/07/2022	Paydown		171,296	171,296	171,296	171,297		(1)		(1)		171,296				6,252	07/07/2027	3.A FE
911312-BX-3	UNITED PARCEL SERVICE INC		07/13/2022	SCOTIA CAPITAL		5,034,200	5,000,000	4,994,750	4,996,702		515		515		4,997,216		36,984	36,98			

STATEMENT AS OF SEPTEMBER 30, 2022 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	
91845#-AA-2	VERIZON COMMUNICATIONS INC		09/15/2022	Paydown		46,665	46,665	46,665	31,060						46,665				593	05/15/2035	2.A	
91911X-AW-4	BAUSCH HEALTH AMERICAS INC		09/07/2022	FORT WASHINGTON		94,990	236,000	249,548	245,202		(851)		(851)		244,351		(149,361)	(149,361)	22,233	01/31/2027	5.B FE	
92838@-AA-1	VISTA RIDGE LLC		09/30/2022	Paydown		57,841	57,841	57,841	57,841						57,841				1,477	10/14/2049	1.F PL	
9290F-AV-8	WFRBS 2014-C20 ASB - CMBS		09/01/2022	Paydown		16,581	16,581	17,949	16,877		(295)		(295)		16,581				453	05/17/2047	1.A	
92939H-AZ-8	WFRBS 2014-C23 ASB - CMBS		09/01/2022	Paydown		28,912	28,912	31,418	29,501		(589)		(589)		28,912				775	10/17/2057	1.A	
92966*-AA-7	WABASH VALLEY POWER ASSOCIATIO		07/30/2022	Paydown		180,613	180,613	180,863	180,638		(25)		(25)		180,613				6,881	04/30/2024	1.F	
93141*-AA-3	WALGREENS BOOTS ALLIANCE INC		09/15/2022	Paydown		41,617	41,617	41,618	41,618						41,617				1,539	11/15/2035	2.B	
94989J-BA-3	WFCM 2015-C28 ASB - CMBS		09/01/2022	Paydown		53,556	53,556	56,552	54,331		(775)		(775)		53,556				1,242	05/15/2048	1.A	
94989T-BA-1	WFCM 2015-LC22 ASB - CMBS		09/01/2022	Paydown		70,573	70,573	75,607	71,948		(1,375)		(1,375)		70,573				1,688	09/17/2058	1.A	
94989U-AE-1	WFMS 2018-1 A5 - CMO/RMBS		09/01/2022	Paydown		6,075	6,075	5,539	5,756		319		319		6,075				32	07/25/2047	1.A	
96928*-CJ-4	WALGREENS BOOTS ALLIANCE INC		09/15/2022	Paydown		107,344	107,344	107,344	107,344						107,344				4,489	07/15/2026	2.B	
96950F-AM-6	WILLIAMS COMPANIES INC		08/10/2022	MARKETAXESS		2,000,000	2,000,000	1,995,820	1,999,010		268		268		1,999,278		4,122	4,122	80,744	03/04/2024	2.B FE	
97651L-CD-1	WIN 154 B3 - CMO/RMBS		09/01/2022	Paydown		21,927	21,927	22,844	22,826		(898)		(898)		21,927				135	06/20/2045	1.A	
97652T-BE-2	WIN 2015-1 B4 - CMO/RMBS		09/01/2022	Paydown		16,339	16,339	16,779	16,736		(397)		(397)		16,339				259	01/20/2045	1.A	
98162V-AD-1	WOART 2019-B A3 - ABS		09/15/2022	Paydown		420,770	420,770	421,881	421,947		(1,176)		(1,176)		420,770				7,276	07/15/2024	1.A FE	
98162W-AD-9	WOART 2018-D A3 - ABS		09/15/2022	Paydown		115,754	115,754	116,528	115,984		(230)		(230)		115,754				2,961	04/15/2024	1.A FE	
98162Y-AD-5	WOART 2019-A A3 - ABS		09/15/2022	Paydown		829,286	829,286	829,286	829,286						829,286				16,774	05/15/2024	1.A FE	
98163L-AB-6	WOART 2021-B A2 - ABS		09/15/2022	Paydown		587,731	587,731	587,806	587,780		(50)		(50)		587,731				795	07/15/2024	1.A FE	
98163M-AD-0	WOART 2020-A A3 - ABS		09/15/2022	Paydown		314,825	314,825	316,959	316,959		(2,134)		(2,134)		314,825				2,310	04/15/2025	1.A FE	
98163W-AC-0	WOART 2020-B A3 - ABS		09/15/2022	Paydown		143,516	143,516	144,295	144,034		(518)		(518)		143,516				603	05/15/2025	1.A FE	
98313R-AE-6	WYNN MACAU LTD	C	09/14/2022	FORT WASHINGTON		144,145	202,000	202,126	202,915		(68)		(68)		202,847		(58,702)	(58,702)	7,793	12/15/2029	4.B FE	
98953G-AD-7	ZIGGO BOND COMPANY BV	C	07/19/2022	FORT WASHINGTON		164,000	200,000	201,500	201,240		(69)		(69)		201,172		(37,172)	(37,172)	10,421	02/28/2030	4.C FE	
C1466#-AA-6	CANADIAN PACIFIC RAILWAY LTD	C	09/03/2022	Paydown		63,111	63,111	63,111	63,115		(4)		(4)		63,111				3,414	03/03/2024	2.B	
G6363#-AW-7	NORDIC AVIATION	C	07/05/2022	Adjustment		3,650,322											3,650,322	3,650,322		02/27/2026	6. PL	
G0458*-AF-6	AQUASURE	C	07/12/2022	Paydown		268,225	268,225	268,225	268,229		(3)		(3)		268,225				11,587	01/12/2034	1.G FE	
G2759@-AB-5	CONSOLIDATED PRESS HOLDINGS LI	C	08/08/2022	Call @ 100.00		27,000,000	27,000,000	27,000,000	27,000,000						27,000,000				772,935	06/18/2025	2.C PL	
1109999999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated)						444,358,300	446,696,170	449,694,988	444,769,683		(895,789)		(895,789)		447,238,695		(1,526,842)	(1,526,842)	11,559,096	XXX	XXX	
744320-AL-6	PRUDENTIAL FINANCIAL INC		09/15/2022	Call @ 100.00		10,000,000	10,000,000	10,000,000	10,000,000						10,000,000				587,500	09/15/2042	2.B FE	
1309999999. Subtotal - Bonds - Hybrid Securities						10,000,000	10,000,000	10,000,000	10,000,000						10,000,000					587,500	XXX	XXX
464287-17-6	ISHARES:TIPS BD ETF		07/19/2022	WELLS FARGO SECUR	0.000	1,649,099		1,704,052	1,860,480	(156,428)			(156,428)		1,704,052		(54,953)	(54,953)	62,438		1.A	
1619999999. Subtotal - Bonds - SVO Identified Funds						1,649,099		1,704,052	1,860,480		(156,428)			(156,428)		1,704,052		(54,953)	(54,953)	62,438	XXX	XXX
2509999997. Total - Bonds - Part 4						896,937,900	905,738,852	901,307,544	609,278,910		(1,647,751)	(1,420,280)	447	(3,068,478)		898,829,338		(1,308,156)	(1,308,156)	17,424,056	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						896,937,900	905,738,852	901,307,544	609,278,910		(1,647,751)	(1,420,280)	447	(3,068,478)		898,829,338		(1,308,156)	(1,308,156)	17,424,056	XXX	XXX
26884U-50-5	EPR PROPERTIES		08/05/2022	Return of Capital	0.000	5,945	0.00	5,945	5,064						5,945						3.B FE	
70509V-60-5	PEBBLEBROOK HOTEL TRUST		08/05/2022	Return of Capital	0.000	35,176	0.00	35,176	35,176						35,176						4.C	
70509V-80-3	PEBBLEBROOK HOTEL TRUST		08/05/2022	Return of Capital	0.000	8,014	0.00	8,014	8,014						8,014						4.C	
70509V-88-6	PEBBLEBROOK HOTEL TRUST		08/05/2022	Return of Capital	0.000	2,080	0.00	2,080	2,080						2,080						4.C	
902973-AZ-9	US BANCORP		07/12/2022	J P MORGAN	200,000,000	173,061	0.00	200,000	215,866	(15,866)			(15,866)		200,000		(26,939)	(26,939)	5,300	01/12/2034	2.A FE	
929042-81-0	VORNADO REALTY TRUST		07/05/2022	TRADEBOOK		0.000	0.00												164	06/18/2025	3.B FE	
4019999999. Subtotal - Preferred Stocks - Industrial and Miscellaneous (Unaffiliated) Perpetual Preferred						224,276	XXX	251,216	266,200		(15,866)		(15,866)		251,216		(26,939)	(26,939)	5,464	XXX	XXX	
4509999997. Total - Preferred Stocks - Part 4						224,276	XXX	251,216	266,200		(15,866)		(15,866)		251,216		(26,939)	(26,939)	5,464	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						224,276	XXX	251,216	266,200		(15,866)		(15,866)		251,216		(26,939)	(26,939)	5,464	XXX	XXX	
001230-10-4	AGNC INVESTMENT REIT ORD		08/05/2022	Return of Capital	0.000	93,783	0.00	93,783	70,753						93,783							
00130H-10-5	THE AES CORPORATION		07/20/2022	WELLS FARGO SECUR		1,690,300		1,171,678	1,971,459	(841,987)			(841,987)		1,171,678		518,622	518,622	26,206			
00206R-10-2	AT&T ORD		09/22/2022	Various		244,110		317,312							317,312		(73,201)	(73,201)	4,163			
008492-10-0	AGREE REALTY REIT ORD		07/20/2022	Various		45,606,000		3,385,479	2,041,121	(1,196,951)			(1,196,951)		2,041,121		1,344,358	1,344,358	69,954			
015271-10-9	ALEXANDRIA REAL REIT ORD		07/20/2022	Various		18,854,000		2,564,497	2,642,968	(1,478,676)			(1,478,676)		2,564,497		158,347	158,347	52,822			
020002-10-1	ALLSTATE ORD		09/30/2022	Various		1,500,000		189,670	190,616						190,616		(947)	(947)	1,275			

E05-14

STATEMENT AS OF SEPTEMBER 30, 2022 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	
024835-10-0	AMERICAN CAMPUS COMM REIT ORD		07/20/2022	Various	30,699,000	1,998,637		1,441,820	1,546,773	(293,604)			(293,604)		1,441,820		556,817	556,817				
025537-10-1	AMERICAN ELECTRIC POWER ORD		08/19/2022	Various	28,990,000	2,715,314		2,033,899	2,552,549	(549,600)			(549,600)		2,033,899		681,415	681,415				
026657-30-6	AMERICAN HOMES 4 CL A REIT ORD		07/15/2022	Various	38,700,000	1,381,785		1,004,375	1,434,769	(668,930)			(668,930)		1,004,375		377,410	377,410				
03027X-10-0	AMERICAN TOWER REIT		09/02/2022	Various	4,847,000	1,260,146		1,186,886	292,500	(91,211)			(91,211)		1,186,886		73,260	73,260				
03064D-10-8	AMERICOLD REALTY ORD		07/20/2022	Various	12,746,000	397,760		381,224	276,944	(24,765)			(24,765)		381,224		16,536	16,536				
03076C-10-6	AMERIPRISE FINANCE ORD		09/14/2022	Wachovia Bank	200,000	55,698		57,010							57,010		(1,312)	(1,312)				
036752-10-3	ELEVANCE HEALTH ORD		08/18/2022	Various	200,000	96,063		70,827	92,708	(21,881)			(21,881)		70,827		25,236	25,236				
03750L-10-9	APARTMENT INCOME REIT ORD		07/20/2022	WELLS FARGO SECUR	28,329,000	1,199,747		1,470,274	1,045,782	(37,509)			(37,509)		1,470,274		(270,528)	(270,528)				
053484-10-1	AVALONBAY COMMUNITIES REIT ORD		07/20/2022	Various	22,800,000	4,390,716		3,722,154	5,531,721	(2,016,652)			(2,016,652)		3,722,154		668,562	668,562				
05722G-10-0	BAKER HUGHES CL A ORD		07/20/2022	WELLS FARGO SECUR	19,500,000	521,808		412,105	469,170	(57,065)			(57,065)		412,105		109,703	109,703				
067901-10-8	BARRICK GOLD ORD	C	08/25/2022	Various	26,200,000	425,274		451,756	497,800	(46,044)			(46,044)		451,756		(26,482)	(26,482)				
09257W-10-0	BLACKSTONE MTGE CL A REIT ORD		07/20/2022	WELLS FARGO SECUR	56,285,000	1,633,531		1,600,337	1,659,145	(121,924)			(121,924)		1,600,337		33,194	33,194				
101121-10-1	BOSTON PROPERTIES REIT ORD		07/20/2022	Various	13,608,000	1,206,866		1,297,989	1,567,369	(269,380)			(269,380)		1,297,989		(91,123)	(91,123)				
11120U-10-5	BRIMOR PROPERTY GP REIT ORD		07/15/2022	Various	47,000,000	959,612		565,886	1,194,270	(628,384)			(628,384)		565,886		393,725	393,725				
11135E-20-3	BROADSTONE NET LEASE ORD		07/20/2022	WELLS FARGO SECUR	41,004,000	884,546		753,190	779,447	(247,434)			(247,434)		753,190		131,356	131,356				
11275Q-10-7	BROOKFIELD INFRASTR CL A		07/20/2022	WELLS FARGO SECUR	29,379,000	1,241,199		970,870	970,870	(366,071)			(366,071)		970,870		270,329	270,329				
11284V-10-5	BROOKFIELD RENEVABLE CL A ORD		07/22/2022	WELLS FARGO SECUR	40,362,500	1,505,152		1,599,034	1,188,228	(30,676)			(30,676)		1,599,034		(93,882)	(93,882)				
12504L-10-9	CBRE GROUP CL A ORD		07/27/2022	MORGAN STANLEY	1,100,000	89,542		107,834	119,361	(11,527)			(11,527)		107,834		(18,291)	(18,291)				
125896-10-0	CRIS ENERGY ORD		07/20/2022	WELLS FARGO SECUR	900,000	58,267		49,349	58,545	(9,196)			(9,196)		49,349		8,918	8,918				
126650-10-0	CVS HEALTH ORD		08/12/2022	UBS Securities LLC	1,000,000	106,407		94,048							94,048		12,359	12,359				
133131-10-2	CAMDEN PROPERTY REIT ORD		07/20/2022	WELLS FARGO SECUR	12,700,000	1,685,964		1,135,769	1,822,536	(1,048,605)			(1,048,605)		1,135,769		550,195	550,195				
14174T-10-7	CARETRUST REIT ORD		07/20/2022	WELLS FARGO SECUR	67,394,000	1,316,113		1,450,101	1,371,946	(59,511)			(59,511)		1,450,101		(133,988)	(133,988)				
15189T-10-7	CENTERPOINT ENERGY ORD		07/20/2022	WELLS FARGO SECUR	53,058,000	1,570,077		1,145,066	1,316,180	(328,306)			(328,306)		1,145,066		425,011	425,011				
16208T-10-2	CHATHAM LODGING REIT ORD		07/20/2022	WELLS FARGO SECUR	26,200,000	306,659		309,953	359,464	(49,511)			(49,511)		309,953		(3,294)	(3,294)				
18539C-10-5	CLEARWAY ENERGY CL A ORD		07/20/2022	WELLS FARGO SECUR	72,740,000	2,289,333		1,766,247	2,113,927	(649,011)			(649,011)		1,766,247		523,086	523,086				
191216-10-0	COCA-COLA ORD		07/12/2022	BARCLAYS CAP LE	332,000	20,945		19,911	6,928	(66)			(66)		19,911		1,034	1,034				
20030N-10-1	COMCAST CL A ORD		08/18/2022	Various	23,000,000	897,970		562,735	1,087,128	(589,968)			(589,968)		562,735		335,234	335,234				
20369C-10-6	COMMUNITY HEALTHCARE TRUST ORD		07/20/2022	WELLS FARGO SECUR	23,320,000	842,425		1,060,529	936,891	(17,686)			(17,686)		1,060,529		(218,104)	(218,104)				
22002T-10-8	CORPORATE OFFICE PROP REIT ORD		07/20/2022	WELLS FARGO SECUR	47,678,000	1,266,594		1,212,967	1,297,193	(119,978)			(119,978)		1,212,967		53,627	53,627				
22160N-10-9	COSTAR GROUP ORD		09/14/2022	Various	768,000	58,204		67,700	60,695	7,005			7,005		67,700		(9,496)	(9,496)				
222795-50-2	COUSINS PROPERTIES REIT ORD		07/20/2022	WELLS FARGO SECUR	26,200,000	774,520		854,327	942,552	(187,402)			(187,402)		854,327		(79,808)	(79,808)				
22822V-10-1	CROWN CASTLE ORD		07/20/2022	WELLS FARGO SECUR	18,001,000	3,089,017		1,783,181	3,548,789	(1,935,650)			(1,935,650)		1,783,181		1,305,836	1,305,836				
229663-10-9	CUBESMART REIT ORD		07/20/2022	Various	39,608,000	1,674,462		2,042,553	1,138,655	(72,158)			(72,158)		2,042,553		(368,091)	(368,091)				
23311P-10-0	DCP MIDSTREAM UNIT		07/20/2022	WELLS FARGO SECUR	75,549,000	2,341,900		1,747,637	2,007,387	(329,901)			(329,901)		1,747,637		594,263	594,263				
233331-10-7	DTE ENERGY ORD		07/20/2022	WELLS FARGO SECUR	2,863,000	353,212		191,143	342,243	(151,100)			(151,100)		191,143		162,069	162,069				
253868-10-3	DIGITAL REALTY REIT ORD		08/05/2022	Various	24,268,000	2,969,031		2,263,167	4,194,232	(2,024,871)			(2,024,871)		2,263,167		705,864	705,864				
25746U-10-9	DOMINION ENERGY ORD		07/20/2022	WELLS FARGO SECUR	34,195,000	2,660,047		2,478,533	2,592,087	(215,018)			(215,018)		2,478,533		181,514	181,514				
26441C-20-4	DUKE ENERGY ORD		07/20/2022	WELLS FARGO SECUR	12,100,000	1,274,025		998,537	1,153,900	(272,418)			(272,418)		998,537		275,488	275,488				
26622P-10-0	DOXIMITY CL A ORD		07/20/2022	BANK OF AMERICA	23,571,000	1,025,327		1,031,703							1,031,703		(6,376)	(6,376)				
270087-10-9	EARGO ORD		08/12/2022	BANK OF AMERICA	52,723,000	51,564		58,523							58,523		(6,959)	(6,959)				
27616P-10-3	EASTERLY GOV PROP ORD		07/20/2022	WELLS FARGO SECUR	36,500,000	713,456		774,921	765,528	(48,868)			(48,868)		774,921		(61,465)	(61,465)				
29250N-10-5	ENBRIDGE ORD	C	07/20/2022	WELLS FARGO SECUR	40,300,000	1,726,575		1,250,861	1,574,924	(324,063)			(324,063)		1,250,861		475,714	475,714				
29273V-10-0	ENERGY TRANSFER UNIT		07/20/2022	WELLS FARGO SECUR	299,537,000	3,076,026		3,298,389	2,465,190	833,199			833,199		3,298,389		(222,363)	(222,363)				
29364G-10-3	ENTERGY ORD		07/20/2022	WELLS FARGO SECUR	9,400,000	1,032,035		901,168	1,058,910	(157,742)			(157,742)		901,168		130,867	130,867				
293792-10-7	ENTERPRISE PARTNERS UNIT		07/20/2022	WELLS FARGO SECUR	94,749,000	2,386,433		2,027,038	2,080,688	(53,650)			(53,650)		2,027,038		359,396	359,396				
29444U-70-0	EQUINIX REIT ORD		08/02/2022	Various	4,892,000	3,091,971		2,406,424	3,038,257	(1,526,477)			(1,526,477)		2,406,424		685,547	685,547				
29472R-10-8	EQUITY LIFESTYLE PROP REIT ORD		07/11/2022	Various	8,900,000	844,748		485,014	780,174	(295,160)			(295,160)		485,014		159,734	159,734				
29476L-10-7	EQUITY RESIDENTIAL REIT ORD		07/15/2022	Various	24,400,000	1,737,768		1,782,862	1,248,900	(436,887)			(436,887)		1,782,862		(45,094)	(45,094)				
29670E-10-7	ESSENTIAL PROPERTIES TRUS ORD		07/20/2022	Various	93,079,000	2,082,575		1,841,580	2,585,446	(834,337)			(834,337)		1,841,580		240,995	240,995				
297178-10-5	ESSEX PROPERTY REIT ORD		09/28/2022	Various	13,679,000	3,606,030		3,867,152	4,043,248	(884,466)			(884,466)		3,867,152							

STATEMENT AS OF SEPTEMBER 30, 2022 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
337932-10-7	FIRSTENERGY ORD		07/20/2022	WELLS FARGO SECUR	11,100,000	418,901		426,852	461,649	(34,797)			(34,797)		426,852		(7,951)	(7,951)	8,658		
36467J-10-8	GAMING AND LEISURE PROP REIT		07/20/2022	WELLS FARGO SECUR	21,000,000	1,053,585		974,178							974,178		79,406	79,406	24,396		
371927-10-4	GENESIS ENERGY CL A UNIT		07/20/2022	WELLS FARGO SECUR	56,000,000	462,763		490,494	599,760	(109,267)			(109,267)		490,494		(27,731)	(27,731)	16,800		
374297-10-9	GETTY REALTY REIT ORD		07/20/2022	WELLS FARGO SECUR	47,100,000	1,277,067		1,359,233	1,293,227	(121,875)			(121,875)		1,359,233		(82,165)	(82,165)	52,521		
42225P-50-1	HE REALTY TRUST CL A ORD		07/20/2022	EVERCORE ISI DESK	10,600,000	301,680		301,584							301,584		96	96	307		
42250P-10-3	HEALTHPEAK PROPERTIES ORD		09/30/2022	Various	116,958,000	3,095,834		3,045,854	2,817,749	(832,674)			(832,674)		3,045,854		49,980	49,980	50,500		
431284-10-8	HIGHWOODS PROPERTIES REIT ORD		07/20/2022	WELLS FARGO SECUR	29,632,000	1,015,747		1,252,235	1,205,357	(64,439)			(64,439)		1,252,235		(236,488)	(236,488)	29,632		
44107P-10-4	HOST HOTELS & RESORTS REIT ORD		07/20/2022	Various	83,800,000	1,412,213		1,205,249	1,199,910	(272,419)			(272,419)		1,205,249		206,964	206,964	7,401		
445658-10-7	JB HUNT TRANSPORT SERVICES ORD		08/24/2022	LUMINEX TRADING	112,000	21,264		18,116	1,840	(832)			(832)		18,116		3,148	3,148	69		
45378A-10-6	INDEPENDENCE REALTY ORD		07/20/2022	WELLS FARGO SECUR	97,280,000	2,046,609		1,419,738	2,326,766	(1,071,270)			(1,071,270)		1,419,738		626,871	626,871	34,611		
46187W-10-7	INVITATION HOMES ORD		07/20/2022	WELLS FARGO SECUR	38,000,000	1,350,034		902,145	1,546,094	(783,195)			(783,195)		902,145		447,890	447,890	15,004		
48251W-10-4	KKR AND CO ORD		07/08/2022	Various	15,650,000	756,431		1,021,912							1,021,912		(265,481)	(265,481)	4,130		
49427F-10-8	KILROY REALTY REIT ORD		07/20/2022	Various	41,785,000	2,199,861		2,500,922	2,717,217	(273,842)			(273,842)		2,500,922		(301,061)	(301,061)	64,562		
49446R-10-9	KIMCO REALTY REIT ORD		08/05/2022	Various	92,813,000	1,932,308		1,977,562	2,133,196	(304,752)			(304,752)		1,977,562		(45,255)	(45,255)	34,962		
49456B-10-1	KINDER MORGAN CL P ORD		07/20/2022	WELLS FARGO SECUR	17,246,000	295,652		239,409	273,522	(34,113)			(34,113)		239,409		56,243	56,243	9,442		
49803T-30-0	KITE REALTY GROUP REIT ORD		07/20/2022	Various	107,500,000	1,926,077		2,191,967	2,236,806	(149,937)			(149,937)		2,191,967		(265,890)	(265,890)	64,149		
53223X-10-7	LIFE STORAGE ORD		07/20/2022	Various	20,934,000	2,389,472		2,547,822	2,823,720	(1,610,784)			(1,610,784)		2,547,822		841,651	841,651	54,741		
548661-10-7	LOWE'S COMPANIES ORD		08/17/2022	RBC CAPITAL MARKETS	2,100,000	452,051		485,664							485,664		(33,614)	(33,614)	3,885		
55336V-10-0	MPLX COM UNIT		07/20/2022	WELLS FARGO SECUR	118,456,000	3,613,163		2,604,328	3,442,974	(904,194)			(904,194)		2,604,328		1,008,835	1,008,835	165,542		
559080-10-6	MAGELLAN MS PARTS UNIT		07/20/2022	WELLS FARGO SECUR	32,931,000	1,634,990		1,417,070	1,529,316	(112,245)			(112,245)		1,417,070		217,919	217,919	68,332		
56585A-10-2	MARATHON PETROLEUM ORD		08/19/2022	Various	1,200,000	118,149		38,093	76,788	(38,695)			(38,695)		38,093		80,056	80,056	1,972		
58155Q-10-3	MCKESSON ORD		08/31/2022	Various	700,000	234,950		93,429	173,999	(80,570)			(80,570)		93,429		141,521	141,521	1,081		
59522J-10-3	MID AMERICA APT REIT ORD		07/20/2022	Various	7,346,000	1,238,150		827,707	1,318,362	(815,891)			(815,891)		827,707		410,442	410,442	23,420		
620076-30-7	MOTOROLA SOLUTIONS ORD		08/05/2022	Various	150,000	37,475		24,196	40,755	(16,559)			(16,559)		24,196		13,280	13,280	413		
62937J-50-8	NRG ENERGY ORD		07/20/2022	WELLS FARGO SECUR	25,278,000	901,229		863,523	912,348	(205,074)			(205,074)		863,523		37,706	37,706	16,260		
63633D-10-4	NATIONAL HEALTH REIT ORD		07/20/2022	WELLS FARGO SECUR	13,400,000	815,560		796,027							796,027		19,533	19,533	24,120		
637417-10-6	NATIONAL RETAIL PROP REIT ORD		07/20/2022	Various	61,350,000	2,749,444		2,569,516	2,819,306	(368,476)			(368,476)		2,569,516		179,927	179,927	63,335		
65339F-10-1	NEXTERA ENERGY ORD		07/20/2022	WELLS FARGO SECUR	37,400,000	2,934,502		2,870,032	1,717,824	(285,702)			(285,702)		2,870,032		64,470	64,470	29,028		
65341B-10-6	NEXTERA ENERGY PARTNERS UNIT		07/20/2022	Various	21,213,000	1,576,734		913,445	1,509,747	(835,018)			(835,018)		913,445		663,289	663,289	29,485		
655844-10-8	NORFOLK SOUTHERN		08/10/2022	MORGAN STANLEY	100,000	25,731		26,623							26,623		(892)	(892)	372		
666807-10-2	NORTHROP GRUMMAN ORD		07/14/2022	CITIGROUP GLOBAL	2,200,000	1,028,052		725,280	812,847	(124,289)			(124,289)		725,280		302,772	302,772	7,260		
67058H-10-2	NUSTAR ENERGY UNIT		07/20/2022	WELLS FARGO SECUR	69,700,000	1,024,250		1,097,243	1,046,492	(7,070)			(7,070)		1,097,243		(72,993)	(72,993)	54,240		
67066G-10-4	NVIDIA ORD		07/05/2022	MORGAN STANLEY	0.000														1		
681936-10-0	OMEGA HEALTHCARE REIT ORD		07/20/2022	WELLS FARGO SECUR	22,300,000	681,952		657,489	559,251	(2,813)			(2,813)		657,489		24,464	24,464	29,212		
700517-10-5	PARK HOTELS RESORTS ORD		07/15/2022	Various	43,800,000	611,194		706,552	826,944	(120,392)			(120,392)		706,552		(95,358)	(95,358)	876		
70450Y-10-3	PAYPAL HOLDINGS ORD		08/24/2022	BTIG LLC	244,000	23,068		34,525	17,161	175			175		34,525		(11,457)	(11,457)			
70509V-10-0	PEBBLEBROOK HOTEL REIT ORD		07/20/2022	Various	63,300,000	1,161,148		1,307,944	1,207,980	(107,857)			(107,857)		1,307,944		(146,797)	(146,797)	1,806		
71844V-20-1	PHILLIPS EDISON ORD		07/20/2022	WELLS FARGO SECUR	48,300,000	1,642,615		1,395,556	1,351,336	(206,136)			(206,136)		1,395,556		247,058	247,058	31,968		
71943Q-10-4	PHYSICIANS REALTY REIT ORD		07/20/2022	WELLS FARGO SECUR	87,900,000	1,467,740		1,382,106	1,634,444	(272,174)			(272,174)		1,382,106		85,633	85,633	60,027		
72352L-10-6	PINTEREST CL A ORD		07/27/2022	Various	7,950,000	146,522		353,179	263,756	73,278			73,278		353,179		(206,656)	(206,656)			
726503-10-5	PLAINS ALL AMERICAN PIPELINE UNIT		07/20/2022	WELLS FARGO SECUR	269,498,000	2,853,304		1,970,417	2,517,111	(546,695)			(546,695)		1,970,417		882,887	882,887	107,125		
729640-10-2	PLYMOUTH INDUSTRIAL REIT ORD		07/20/2022	WELLS FARGO SECUR	18,700,000	329,975		522,981							522,981		(193,006)	(193,006)	8,228		
737630-10-3	POTLATCHDELTIC ORD		07/20/2022	WELLS FARGO SECUR	28,000,000	1,281,849		1,542,579	1,126,114	(85,245)			(85,245)		1,542,579		(260,730)	(260,730)	22,748		
74340W-10-3	PROLOGIS REIT		07/20/2022	Various	55,753,000	6,702,938		3,679,599	8,713,135	(5,620,040)			(5,620,040)		3,679,599		3,023,339	3,023,339	86,194		
74460D-10-9	PUBLIC STORAGE REIT ORD		07/20/2022	WELLS FARGO SECUR	10,500,000	3,287,772		2,088,271	3,932,880	(1,844,609)			(1,844,609)		2,088,271		1,199,501	1,199,501	42,000		
74965L-10-1	RLJ LODGING REIT ORD		07/20/2022	Various	112,900,000	1,318,480		1,461,469	1,360,961	(116,046)			(116,046)		1,461,469		(142,988)	(142,988)	3,189		
75513E-10-1	RAYTHEON TECHNOLOGIES ORD		07/25/2022	CREDIT SUISSE FIRST	600,000	57,011		38,852							38,852		18,159	18,159	536		
756109-10-4	REALTY INCOME REIT ORD		08/05/2022	Return of Capital	0.000	52,275		52,275	24,082						52,275						
758849-10-3	REGENCY CENTERS REIT ORD		07/20/2022	Various	32,600,000	1,976,990		1,853,590	2,268,035	(580,714)			(580,714)		1,853,590		123,400	123,400	59,250		
75886F-10-7	REGENERON PHARMACEUTICALS ORD		09/09/2022	JONES & ASSOC INC	350,000	256,056		214,846	128,304	(9,672)			(9,672)		214,846		41,210	41,210			
7591EP-10-0	REGIONS FINANCIAL ORD		07/21/2022	Various	28,800,000	584,117		561,405	627,840	(66,435)			(66,4								

STATEMENT AS OF SEPTEMBER 30, 2022 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
78410G-10-4	SBA COMM CL A REIT ORD		08/26/2022	Various	2,573,000	866,239		931,801	622,432	(19,476)			(19,476)		931,801		(65,562)	(65,562)	3,032		
78440X-88-7	SL GREEN RLTY REIT ORD		07/20/2022	WELLS FARGO SECUR	13,842,000	860,883		1,037,517							1,037,517		(376,634)	(376,634)	25,813		
78573L-10-6	SABRA HEALTH CARE REIT ORD		07/20/2022	WELLS FARGO SECUR	76,611,000	1,118,324		1,322,333	1,021,065	284,432			284,432		1,322,333		(204,009)	(204,009)	45,247		
816851-10-9	SEMPRA ORD		07/20/2022	WELLS FARGO	16,660,000	2,520,162		2,097,177	2,203,785	(106,608)			(106,608)		2,097,177		422,985	422,985	56,477		
828806-10-9	SIMON PROP GRP REIT ORD		07/20/2022	WELLS FARGO SECUR	35,166,000	3,545,126		4,878,103	5,027,323	(654,035)			(654,035)		4,878,103		(1,332,976)	(1,332,976)	116,651		
842587-10-7	SOUTHERN ORD		07/20/2022	WELLS FARGO SECUR	25,400,000	1,820,022		1,632,988	1,639,062	(118,038)			(118,038)		1,632,988		187,034	187,034	32,774		
84860W-30-0	SPIRIT REALTY CAPITAL REIT ORD		07/20/2022	Various	33,050,000	1,372,757		1,562,647	1,219,207						1,562,647		(189,890)	(189,890)	56,591		
85254J-10-2	STAG INDUSTRIAL REIT ORD		07/20/2022	WELLS FARGO SECUR	83,325,000	2,542,329		1,669,469	3,521,463	(2,208,677)			(2,208,677)		1,669,469		872,860	872,860	66,244		
854502-10-1	STANLEY BLACK AND DECKER ORD		08/19/2022	Various	1,037,000	102,497		103,416	195,599	(92,183)			(92,183)		103,416		(919)	(919)	1,638		
85571B-10-5	STARWOOD PROPERTY REIT		07/20/2022	WELLS FARGO SECUR	63,400,000	1,395,604		1,544,595	1,540,620	3,975			3,975		1,544,595		(148,991)	(148,991)	90,000		
862121-10-0	STORE CAPITAL ORD		09/26/2022	Various	14,143,000	447,804		408,884							408,884		38,920	38,920			
866082-10-0	SUMMIT HOTEL PROP REIT ORD		07/20/2022	WELLS FARGO SECUR	61,400,000	472,607		565,945	599,264	(33,319)			(33,319)		565,945		(93,338)	(93,338)			
866674-10-4	SUN COMMUNITIES REIT ORD		08/05/2022	Various	6,701,000	1,063,795		814,490	1,352,152	(590,809)			(590,809)		814,490		249,305	249,305	16,653		
867892-10-1	SUNSTONE HOTEL REIT ORD		07/20/2022	WELLS FARGO SECUR	43,000,000	454,437		515,398	383,571	19,537			19,537		515,398		(60,961)	(60,961)			
87612G-10-1	TARGA RESOURCES ORD		07/20/2022	WELLS FARGO SECUR	13,400,000	829,237		786,583							786,583		42,653	42,653	7,560		
902653-10-4	UDR REIT ORD		07/20/2022	WELLS FARGO SECUR	56,000,000	2,523,049		2,116,862	3,011,498	(1,217,021)			(1,217,021)		2,116,862		406,187	406,187	60,492		
90921B-40-6	UNIT ORD		09/16/2022	FORT WASHINGTON	671,000	42,037		2,968	21,673	(18,705)			(18,705)		2,968		39,069	39,069			
91324P-10-2	UNITEDHEALTH GRP ORD		08/05/2022	Various	8,000	4,229		1,817	4,017	(2,200)			(2,200)		1,817		2,412	2,412	25		
92276F-10-0	VENTAS REIT ORD		07/20/2022	Various	64,189,000	3,273,714		3,037,834	2,908,166	(272,787)			(272,787)		3,037,834		235,881	235,881	82,871		
92343V-10-4	VERIZON COMMUNICATIONS ORD		07/20/2022	WELLS FARGO SECUR	22,200,000	1,114,853		1,163,557	758,616	16,872			16,872		1,163,557		(48,704)	(48,704)	36,864		
92345Y-10-6	VERISK ANALYTICS ORD		08/15/2022	Various	220,000	41,188		22,550	50,321	(27,771)			(27,771)		22,550		18,638	18,638	136		
92532F-10-0	VERTEX PHARMACEUTICALS ORD		09/06/2022	Various	1,000,000	277,357		198,089	219,600	(21,511)			(21,511)		198,089		79,268	79,268			
925652-10-9	VICI PPTYS ORD		07/20/2022	Various	129,892,000	4,157,454		3,035,330	1,967,387	(624,938)			(624,938)		3,035,330		1,122,123	1,122,123	93,806		
92763M-10-5	VIPER ENERGY PARTNERS UNIT		07/20/2022	Various	39,187,000	1,034,442		349,573	771,145	(516,264)			(516,264)		349,573		684,869	684,869	43,263		
92840M-10-2	VISTRA ORD		07/20/2022	WELLS FARGO	38,200,000	890,873		710,141	869,814	(159,673)			(159,673)		710,141		180,732	180,732	13,255		
931142-10-3	WALMART ORD		09/14/2022	Various	2,200,000	279,829		284,781	28,938	(205)			(205)		284,781		(4,952)	(4,952)	1,400		
949746-10-1	WELLS FARGO ORD		09/19/2022	MKM Partners	1,800,000	79,855		101,539							101,539		(21,683)	(21,683)	1,440		
95040Q-10-4	WELLTOWER ORD		08/05/2022	Various	40,806,000	3,323,042		2,384,420	3,416,121	(1,122,492)			(1,122,492)		2,384,420		938,622	938,622	48,563		
958669-10-3	WESTERN MIDSTREAM PARTNERS COM		07/20/2022	WELLS FARGO SECUR	101,020,000	2,672,912		1,855,030	2,220,764	(401,610)			(401,610)		1,855,030		817,882	817,882	82,468		
962166-10-4	WEYERHAEUSER REIT		07/20/2022	WELLS FARGO SECUR	4,600,000	160,595		184,687							184,687		(24,092)	(24,092)	8,326		
962879-10-2	WHEATON PRECIOUS MET ORD		08/26/2022	Various	17,700,000	575,491		353,896	760,453	(393,067)			(393,067)		353,896	13,775	207,820	221,595	4,250		
969457-10-0	WILLIAMS ORD		07/20/2022	Various	67,400,000	2,166,417		1,376,319	1,726,452	(390,269)			(390,269)		1,376,319		790,098	790,098	56,823		
98389B-10-0	XCEL ENERGY ORD		07/20/2022	WELLS FARGO SECUR	8,800,000	603,240		606,971							606,971		(3,730)	(3,730)	7,264		
D24914-13-3	E.ON N ORD	B.	07/22/2022	Various	90,195,000	761,582		974,342	1,250,091	(296,560)			(296,560)	20,812	974,342	(104,051)	(108,709)	(212,760)	34,319		
E42807-11-0	RED ELECTRICA CORPORACION ORD	B.	09/16/2022	Various	0.000														236		
E67674-10-6	INTL CONSOLIDATED AIRLINES GP	B.	09/29/2022	Liquidnet	266,249,000	279,439		448,644	513,225	(55,170)			(55,170)	(9,410)	448,644	(52,102)	(117,103)	(169,205)			
606940-10-3	BAE SYSTEMS ORD	B.	09/05/2022	Various	23,958,000	210,742		157,209	164,043	(17,264)			(17,264)	(9,351)	157,209	(21,575)	75,109	53,533	4,184		
623296-20-8	COMPASS GROUP ORD	B.	08/04/2022	EXANE	7,232,000	169,390		122,063	161,537	(33,289)			(33,289)	(6,184)	122,063	(10,173)	57,500	47,327	2,186		
63910J-11-2	GSK ORD	B.	07/18/2022	Spinoff Out	41,346,400	826,739		826,749	840,302	(88,169)			(88,169)	16,853	826,749	(1)	(9)	(9)	28,237		
63910J-11-2	GSK ORD	B.	08/15/2022	MERRILL LYNCH INTL	33,076,400	562,575		668,037							668,037	(77,838)	(27,624)	(105,463)			
684228-15-7	STANDARD CHARTERED ORD	B.	07/15/2022	Various	53,328,000	379,364		464,519	323,509	155,519			155,519	(14,510)	464,519	(35,431)	(49,724)	(85,155)	4,485		
N4578E-59-5	ING GROEP ORD	B.	07/01/2022	UBS LONDON GOM	16,726,000	164,241		255,638	232,771	19,857			19,857	3,011	255,638	(16,943)	(74,454)	(91,397)	9,605		
N6596X-10-9	NXP SEMI CONDUCTORS ORD	C.	07/05/2022	GOLDMAN SACHS	0.000														1,652		
N84437-10-7	JUST EAT TAKEAWAY ORD	B.	07/26/2022	Various	7,174,000	124,062		610,004	344,765	193,447			193,447	23,297	610,004	(20,617)	(465,325)	(465,942)			
5019999999. Subtotal - Common Stocks - Industrial and Miscellaneous (Unaffiliated) Publicly Traded																					
46143U-79-9	SECURIAN AM RA IN INS		07/21/2022	SECURIAN AM	2,390,980,340	192,686,777	XXX	168,291,099	185,868,928	(51,449,302)			(51,449,302)	11,026	168,291,099	(324,957)	24,720,635	24,395,678	4,336,264	XXX	XXX
5329999999. Subtotal - Common Stocks - Mutual Funds - Designations Not Assigned by the SVO																					
09255X-10-0	BLACKROCK FLT RT INC		07/20/2022	SIMB NIKKO AMERICA	84,317,000	984,117	XXX	1,100,493	1,046,479	(23,925)			(23,925)		1,100,493		(116,376)	(116,376)	(26,331)	XXX	XXX
5729999999. Subtotal - Common Stocks - Closed-End Funds - Designations Not Assigned by the SVO																					
808524-79-7	SCHWAB STR-US DIV EQ ETF		09/26/2022	INSTINET CORPORATION	229,000,000	15,590,348	XXX	1,100,493	1,046,479	(23,925)			(23,925)		1,100,493		(116,376)	(116,376)	(26,331)	XXX	XXX
808524-79-7 SCHWAB STR-US DIV EQ ETF															16,574,514		(984,166)	(984,166)	145,804		

E05.17

STATEMENT AS OF SEPTEMBER 30, 2022 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	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	
5819999999	Subtotal - Common Stocks - Exchange Traded Funds					15,590,348	XXX	16,574,514							16,574,514		(984,166)	(984,166)	145,804	XXX	XXX	
5989999997	Total - Common Stocks - Part 4					235,014,065	XXX	210,169,192	216,641,133	(57,304,012)			(57,304,012)	11,026	210,169,192	(324,957)	25,169,830	24,844,873	4,763,881	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					235,014,065	XXX	210,169,192	216,641,133	(57,304,012)			(57,304,012)	11,026	210,169,192	(324,957)	25,169,830	24,844,873	4,763,881	XXX	XXX	
5999999999	Total - Preferred and Common Stocks					235,238,341	XXX	210,420,408	216,907,333	(57,319,878)			(57,319,878)	11,026	210,420,408	(324,957)	25,142,890	24,817,933	4,769,345	XXX	XXX	
6009999999	Totals					1,132,176,241	XXX	1,111,727,952	826,186,243	(58,967,629)	(1,420,280)	447	(60,388,356)	11,026	1,109,249,746	(324,957)	23,834,734	23,509,777	22,193,401	XXX	XXX	

STATEMENT AS OF SEPTEMBER 30, 2022 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 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	03/17/2022	03/16/2023	970,000	97,000,000	100.000	5,393,200		289,935	XXX	289,935	(5,103,265)							0004													
Basket Option Call 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	03/17/2022	03/16/2023	125,000	12,500,000	100.000	675,000		37,363	XXX	37,363	(637,637)							0004													
Basket Option Call 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	04/14/2022	04/20/2023	1,070,000	107,000,000	100.000	6,141,800		708,572	XXX	708,572	(5,433,228)							0004													
Basket Option Call 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	04/14/2022	04/20/2023	200,000	20,000,000	100.000	1,128,000		132,443	XXX	132,443	(995,557)							0004													
Basket Option Call 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	05/19/2022	05/18/2023	1,060,000	106,000,000	100.000	6,678,000		2,659,348	XXX	2,659,348	(4,018,652)							0004													
Basket Option Call 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	05/19/2022	05/18/2023	165,000	16,500,000	100.000	1,018,875		413,955	XXX	413,955	(604,920)							0004													
Basket Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	07/14/2022	07/20/2023	880,000	96,580,000	109.750	(1,777,600)		(1,312,840)	XXX	(1,312,840)	464,760							0004													
Basket Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	205,000	21,935,000	107.000	(492,000)		(125,529)	XXX	(125,529)	366,471							0004													
Basket Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	1,060,000	106,000,000	100.000	6,570,940		1,836,982	XXX	1,836,982	(4,733,958)							0004													
Basket Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	1,060,000	115,275,000	108.750	(1,961,000)		(487,232)	XXX	(487,232)	1,473,768							0004													
Basket Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	205,000	20,500,000	100.000	1,251,525		355,265	XXX	355,265	(896,260)							0004													
Rainbow Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	07/14/2022	07/20/2023	880,000	88,000,000	100.000	5,922,400		4,020,849	XXX	4,020,849	(1,901,551)							0008													
Rainbow Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	116,000	11,600,000	100.000	1,327,040		283,017	XXX	283,017	(1,044,023)							0008													
Rainbow Option Call 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	116,000	12,557,000	108.250	(795,760)		(101,478)	XXX	(101,478)	694,282							0008													
SPSLVI Call 10760.9 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	B4TYDEB6GKMZ0031MB27	08/18/2022	08/17/2023	1,564	16,830,000	10760.900	1,489,455		420,817	XXX	420,817	(1,068,638)							0002													
BXIIITAC5 Call 168.93 09/25/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/28/2022	09/25/2023	52,998	8,952,979	168.930	228,422		168,753	XXX	168,753	(59,670)							0010													
BXIIITAC5 Call 171.35 09/15/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/21/2022	09/15/2023	35,102	6,014,760	171.350	139,356		78,465	XXX	78,465	(60,891)							0010													
BXIIITAC5 Call 172.65 09/11/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/14/2022	09/11/2023	43,342	7,482,934	172.650	171,199		78,966	XXX	78,966	(92,234)							0010													
BXIIITAC5 Call 172.79 09/01/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	09/07/2022	09/01/2023	45,497	7,861,397	172.790	194,271		79,167	XXX	79,167	(115,105)							0010													
BXIIITAC5 Call 173.05 06/16/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	06/22/2022	06/16/2023	44,436	7,689,714	173.050	200,852		58,781	XXX	58,781	(142,072)							0010													
BXIIITAC5 Call 173.79 06/23/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	06/28/2022	06/23/2023	48,320	8,397,484	173.790	204,876		56,982	XXX	56,982	(147,893)							0010													
BXIIITAC5 Call 173.91 07/07/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/13/2022	07/07/2023	43,063	7,489,062	173.910	190,768		52,290	XXX	52,290	(138,479)							0010													
BXIIITAC5 Call 174.09 07/14/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/20/2022	07/14/2023	46,674	8,125,404	174.090	210,965		56,203	XXX	56,203	(154,761)							0010													
BXIIITAC5 Call 174.31 06/30/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/06/2022	06/30/2023	40,718	7,097,502	174.310	171,829		44,644	XXX	44,644	(127,184)							0010													
BXIIITAC5 Call 174.33 08/25/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	08/31/2022	08/25/2023	54,695	9,534,948	174.330	211,669		72,413	XXX	72,413	(139,256)							0010													
BXIIITAC5 Call 174.57 06/12/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	06/15/2022	06/12/2023	37,413	6,531,133	174.570	141,794		36,193	XXX	36,193	(105,601)							0010													
BXIIITAC5 Call 175.12 07/21/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	07/27/2022	07/21/2023	51,231	8,971,636	175.120	230,029		52,218	XXX	52,218	(177,811)							0010													
BXIIITAC5 Call 175.35 08/18/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	G5GSEF7VJP5170UK5573	08/24/2022	08/18/2023	63,874	11,200,239	175.350	251,023		69,133	XXX	69,133	(181,891)							0010													

E06

STATEMENT AS OF SEPTEMBER 30, 2022 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 175.76 08/07/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	08/10/2022	08/07/2023	48,197	8,471,187	175.760		222,190		46,493		46,493	(175,698)						---	0010
BXIIITAC5 Call 175.97 07/28/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	08/03/2022	07/28/2023	62,759	11,043,758	175.970		286,183		55,927		55,927	(230,256)						---	0010
BXIIITAC5 Call 176.32 08/11/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	08/17/2022	08/11/2023	60,837	10,726,709	176.320		253,689		53,656		53,656	(200,033)						---	0010
BXIIITAC5 Call 176.65 05/12/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	05/18/2022	05/12/2023	46,569	8,226,479	176.650		203,042		23,916		23,916	(179,126)						---	0010
BXIIITAC5 Call 176.78 05/19/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	05/25/2022	05/19/2023	46,306	8,185,902	176.780		220,878		24,162		24,162	(196,716)						---	0010
BXIIITAC5 Call 176.79 05/05/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	05/11/2022	05/05/2023	53,542	9,465,741	176.790		227,555		25,288		25,288	(202,266)						---	0010
BXIIITAC5 Call 177.08 06/02/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	06/08/2022	06/02/2023	53,660	9,502,178	177.080		224,837		28,558		28,558	(196,279)						---	0010
BXIIITAC5 Call 177.64 04/28/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	05/04/2022	04/28/2023	52,538	9,332,779	177.640		255,858		18,895		18,895	(236,963)						---	0010
BXIIITAC5 Call 177.83 05/26/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	06/01/2022	05/26/2023	39,306	6,989,809	177.830		159,976		16,720		16,720	(143,256)						---	0010
BXIIITAC5 Call 178.65 04/21/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	04/27/2022	04/21/2023	37,218	6,649,019	178.650		158,921		9,538		9,538	(149,383)						---	0010
BXIIITAC5 Call 179.42 04/14/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	04/20/2022	04/14/2023	46,349	8,316,009	179.420		217,379		8,017		8,017	(209,362)						---	0010
BXIIITAC5 Call 180.08 04/06/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	04/12/2022	04/06/2023	54,943	9,894,121	180.080		236,255		7,760		7,760	(228,494)						---	0010
BXIIITAC5 Call 181.61 03/24/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	03/29/2022	03/24/2023	54,822	9,956,185	181.610		269,723		3,833		3,833	(265,890)						---	0010
BXIIITAC5 Call 181.79 03/17/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	03/23/2022	03/17/2023	61,744	11,224,372	181.788		267,352		3,577		3,577	(263,775)						---	0010
BXIIITAC5 Call 181.82 03/31/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	04/06/2022	03/31/2023	41,182	7,487,793	181.820		162,671		3,004		3,004	(159,666)						---	0010
BXIIITAC5 Call 181.83 03/10/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	03/16/2022	03/10/2023	55,329	10,060,545	181.830		261,155		2,763		2,763	(258,392)						---	0010
BXIIITAC5 Call 182.68 03/03/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	03/09/2022	03/03/2023	59,161	10,807,502	182.679		256,168		1,373		1,373	(254,794)						---	0010
BXIIITAC5 Call 183.25 02/17/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	02/23/2022	02/17/2023	30,402	5,571,196	183.250		116,744		509		509	(116,236)						---	0010
BXIIITAC5 Call 183.58 02/10/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	02/16/2022	02/10/2023	37,684	6,918,089	183.580		175,986		436		436	(175,549)						---	0010
BXIIITAC5 Call 183.91 02/24/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	03/02/2022	02/24/2023	54,386	10,002,107	183.910		261,596		1,134		1,134	(260,462)						---	0010
BXIIITAC5 Call 184.37 02/06/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	02/09/2022	02/06/2023	34,209	6,307,100	184.370		172,413		234		234	(172,179)						---	0010
BXIIITAC5 Call 184.85 01/27/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	02/02/2022	01/27/2023	41,443	7,660,812	184.850		218,407		147		147	(218,260)						---	0010
BXIIITAC5 Call 185.22 01/20/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	01/26/2022	01/20/2023	42,610	7,892,276	185.220		174,276		87		87	(174,189)						---	0010
BXIIITAC5 Call 186.96 01/13/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	01/19/2022	01/13/2023	31,888	5,961,764	186.960		129,465		16		16	(129,449)						---	0010
BXIIITAC5 Call 187.37 10/07/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	10/13/2021	10/07/2022	37,302	6,989,235	187.370		202,549					(221,923)						---	0010
BXIIITAC5 Call 187.86 01/06/2023	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	01/12/2022	01/06/2023	29,693	5,578,163	187.860		144,903		4		4	(144,898)						---	0010
BXIIITAC5 Call 189.12 10/14/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	10/20/2021	10/14/2022	37,809	7,150,381	189.120		174,298					(186,886)						---	0010
BXIIITAC5 Call 189.13 10/21/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	10/27/2021	10/21/2022	43,756	8,275,657	189.130		230,597					(217,892)						---	0010
BXIIITAC5 Call 190.49 12/16/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	12/22/2021	12/16/2022	48,202	9,181,995	190.490		251,132					(220,714)						---	0010

E06.1

STATEMENT AS OF SEPTEMBER 30, 2022 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 190.65 10/28/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.11/03/2021	.10/28/2022	40,680	7,755,631	190.650	213,976						(171,466)						0010	
BXIIITAC5 Call 190.73 12/30/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.01/05/2022	.12/30/2022	30,008	5,723,515	190.730		110,731					(110,731)							0010
BXIIITAC5 Call 190.81 12/09/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.12/15/2021	.12/09/2022	50,343	9,605,963	190.810	243,661						(220,726)							0010
BXIIITAC5 Call 191.18 12/23/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.12/29/2021	.12/23/2022	43,663	8,347,467	191.180	204,342						(186,894)							0010
BXIIITAC5 Call 191.23 11/30/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.12/01/2021	.11/30/2022	37,857	7,239,408	191.230	175,278						(155,207)							0010
BXIIITAC5 Call 191.6 12/02/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.12/08/2021	.12/02/2022	41,912	8,030,328	191.600	194,891						(166,260)							0010
BXIIITAC5 Call 191.63 11/22/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.11/24/2021	.11/22/2022	38,387	7,356,177	191.630	179,269						(148,579)							0010
BXIIITAC5 Call 191.85 11/18/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.11/17/2021	.11/18/2022	39,140	7,509,059	191.850	186,308						(146,611)							0010
BXIIITAC5 Call 193.06 11/09/2022	FIA Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.11/10/2021	.11/09/2022	47,338	9,139,163	193.060	209,236						(149,754)							0010
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.08/18/2022	.08/17/2023	10,972	47,000,000	4283.740		4,631,850		1,012,999		1,012,999	(3,618,851)							0001
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.08/18/2022	.08/17/2023	1,401	6,000,000	4283.740		591,300		129,319		129,319	(461,961)							0001
SPX Call 4411.67 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.08/18/2022	.08/17/2023	64,430	276,000,000	4283.740		27,181,860		5,948,676		5,948,676	(21,233,184)							0001
SPX Call 4411.67 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.03/17/2022	.03/16/2023	65,735	290,000,000	4411.670		26,082,600		1,203,557		1,203,557	(24,879,043)							0001
SPX Call 4411.67 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.03/17/2022	.03/16/2023	5,440	24,000,000	4411.670		2,156,400		99,605		99,605	(2,056,795)							0001
SPX Call 4411.67 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.03/17/2022	.03/16/2023	16,320	72,000,000	4411.670		6,471,000		298,814		298,814	(6,172,186)							0001
SPX Call 4438.26 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.10/14/2021	.10/20/2022	92,379	410,000,000	4438.260	29,593,800			5,737		5,737	(49,882,373)							0001
SPX Call 4482.73 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.01/20/2022	.01/19/2023	20,523	92,000,000	4482.730		7,300,200		102,380		102,380	(7,197,820)							0001
SPX Call 4482.73 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.01/20/2022	.01/19/2023	10,931	49,000,000	4482.730		3,874,675		54,528		54,528	(3,820,147)							0001
SPX Call 4668.67 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.12/16/2021	.12/15/2022	9,210	43,000,000	4668.670	3,464,725			8,578		8,578	(3,778,250)							0001
Basket Option Call 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.01/20/2022	.01/19/2023	165,000	16,500,000	100.000		808,500		6,623		6,623	(801,877)							0004
Basket Option Call 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.02/17/2022	.02/16/2023	1,140,000	114,000,000	100.000		6,156,000		162,406		162,406	(5,993,594)							0004
Basket Option Call 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.06/16/2022	.06/15/2023	195,000	19,500,000	100.000		1,300,650		995,409		995,409	(305,241)							0004
Basket Option Call 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.06/16/2022	.06/15/2023	970,000	97,000,000	100.000		6,566,900		4,951,521		4,951,521	(1,615,379)							0004
Basket Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.09/15/2022	.09/14/2023	145,000	14,500,000	100.000		983,100		640,097		640,097	(343,003)							0004
Basket Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.09/15/2022	.09/14/2023	1,070,000	107,000,000	100.000		7,383,000		4,723,475		4,723,475	(2,659,525)							0004
Basket Option Call 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.10/14/2021	.10/20/2022	135,000	13,500,000	100.000	607,500			9		9	(798,052)							0004
Basket Option Call 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.12/16/2021	.12/15/2022	155,000	15,500,000	100.000	1,102,050			1,030		1,030	(832,882)							0004
Basket Option Call 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.12/16/2021	.12/15/2022	1,690,000	169,000,000	100.000	11,559,600			11,231		11,231	(9,081,104)							0004
SPSLVI Call 10054.07 05/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMJUISFPUBMPRO8K5P83	.05/19/2022	.05/18/2023	1,477	14,850,000	10054.070		1,391,445		529,758		529,758	(861,687)							0002

E06.2

STATEMENT AS OF SEPTEMBER 30, 2022 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)		
SPSLVI Call 10503.57 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	01/20/2022	01/19/2023	2,114	22,200,000	10503.570		1,620,600		134,835		134,835	(1,485,765)							0002	
SPSLVI Call 10978.99 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	04/14/2022	04/20/2023	1,353	14,850,000	10978.990		1,223,640		117,272		117,272	(1,106,368)								0002
SPSLVI Call 9836.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	07/14/2022	07/20/2023	2,572	25,300,000	9836.610		2,469,280		1,418,689		1,418,689	(1,050,591)								0002
SXSE Call 3427.91 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	06/16/2022	06/15/2023	875	3,000,000	3427.910		233,250		161,489		161,489	(71,761)								0003
SXSE Call 3427.91 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	06/16/2022	06/15/2023	2,480	8,500,000	3427.910		660,875		457,551		457,551	(203,324)								0003
SXSE Call 3640.55 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	05/19/2022	05/18/2023	824	3,000,000	3640.550		231,450		76,194		76,194	(155,256)								0003
SXSE Call 3640.55 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	05/19/2022	05/18/2023	2,472	9,000,000	3640.550		695,250		228,583		228,583	(466,667)								0003
SXSE Call 3848.68 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	04/14/2022	04/20/2023	779	3,000,000	3848.680		207,750		34,431		34,431	(173,319)								0003
SXSE Call 3848.68 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas	04/14/2022	04/20/2023	2,468	9,500,000	3848.680		651,700		109,032		109,032	(542,668)								0003
Basket Option Call 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International	10/14/2021	10/20/2022	1,470,000	147,000,000	100.000	6,747,300			102		102	(8,689,903)								0004
Rainbow Option Call 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	03/22/2022	03/16/2023	65,000	6,500,000	100.000		538,850		46,205		46,205	(492,645)								0008
Rainbow Option Call 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	04/14/2022	04/20/2023	49,000	4,900,000	100.000		382,200		41,323		41,323	(340,877)								0008
Rainbow Option Call 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	05/19/2022	05/18/2023	50,000	5,000,000	100.000		590,000		180,706		180,706	(409,294)								0008
Rainbow Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	09/15/2022	09/14/2023	50,000	5,000,000	100.000		643,500		289,193		289,193	(354,307)								0008
SPSLVI Call 10839.75 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	12/16/2021	12/15/2022	2,103	22,800,000	10839.750	1,520,760			31,649		31,649	(1,329,000)								0002
SXSE Call 3885.32 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	03/17/2022	03/16/2023	772	3,000,000	3885.320		230,400		22,522		22,522	(207,878)								0003
SXSE Call 3885.32 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	03/17/2022	03/16/2023	2,316	9,000,000	3885.320		691,203		67,567		67,567	(623,636)								0003
SXSE Call 4383.7 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	11/18/2021	11/17/2022	2,623	11,500,000	4383.700	623,300			372		372	(490,578)								0003
SXSE Call 4383.7 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	International Goldman Sachs	11/18/2021	11/17/2022	684	3,000,000	4383.700	162,600			97		97	(127,977)								0003
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	13,719	52,000,000	3790.380		5,592,600		3,519,450		3,519,450	(2,073,150)								0001
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	20,315	77,000,000	3790.380		8,281,350		5,211,494		5,211,494	(3,069,856)								0001
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	1,847	7,000,000	3790.380		752,850		473,772		473,772	(279,078)								0001
SPX Call 3790.38 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	77,037	292,000,000	3790.380		31,441,096		19,763,067		19,763,067	(11,678,029)								0001
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	17,174	67,000,000	3901.350		7,339,850		4,068,170		4,068,170	(3,271,680)								0001
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/27/2022	08/17/2023	7,003	30,000,016	4283.740		949,078		646,596		646,596	(302,482)								0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/27/2022	02/16/2023	6,849	30,000,007	4380.260		1,832,208		97,663		97,663	(1,734,546)								0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/09/2022	02/16/2023	6,849	30,000,007	4380.260		1,266,569		97,663		97,663	(1,168,906)								0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/19/2022	02/16/2023	5,707	24,999,984	4380.260		773,698		81,386		81,386	(692,312)								0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/27/2022	02/16/2023	11,415	50,000,011	4380.260		308,772		162,771		162,771	(146,001)								0001

E06.3

STATEMENT AS OF SEPTEMBER 30, 2022 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 4392.59 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/14/2022	04/20/2023	18,668	82,000,000	4392.590		7,519,400		561,430		561,430	(6,957,970)							0001
SPX Call 4392.59 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/14/2022	04/20/2023	79,680	350,000,000	4392.590		32,181,680		2,396,349		2,396,349	(29,785,331)							0001
SPX Call 4392.59 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/14/2022	04/20/2023	7,968	35,000,000	4392.590		3,220,000		239,635		239,635	(2,980,365)							0001
SPX Call 4392.59 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/19/2022	04/20/2023	8,537	37,499,980	4392.590		1,403,158		256,752		256,752	(1,146,406)							0001
SPX Call 4411.67 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/27/2022	03/16/2023	6,800	30,000,018	4411.670		1,825,976		124,506		124,506	(1,701,470)							0001
SPX Call 4438.26 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/24/2022	10/20/2022	11,266	50,000,017	4438.260		2,059,704		700		700	(2,059,005)							0001
SPX Call 4482.73 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/20/2022	01/19/2023	1,562	7,000,000	4482.730		550,900		7,790		7,790	(543,110)							0001
SPX Call 4482.73 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/20/2022	01/19/2023	109,308	490,000,000	4482.730		38,881,500		545,285		545,285	(38,336,215)							0001
SPX Call 4482.73 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	05/09/2022	01/19/2023	11,154	50,000,012	4482.730		1,420,006		55,641		55,641	(1,364,364)							0001
SPX Call 4668.67 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	12/16/2021	12/15/2022	102,813	480,000,000	4668.670	37,776,000			95,750		95,750	(42,175,818)							0001
SPX Call 4704.54 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/18/2021	11/17/2022	85,024	400,000,000	4704.540	29,100,000			15,602		15,602	(31,529,246)							0001
SPX0141 11/17/2022 C4704.54	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/22/2022	11/17/2022	10,628	49,999,851	4704.540		1,398,432		1,950		1,950	(1,396,482)							0001
SPX0142 12/15/2022 C4668.67	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/22/2022	12/15/2022	10,710	50,001,456	4668.670		1,721,418		9,974		9,974	(1,711,444)							0001
SX5E Call 3541.79 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	847	3,000,000	3541.790		246,000		149,107		149,107	(96,893)							0003
SX5E Call 3541.79 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	2,682	9,500,000	3541.790		779,000		472,173		472,173	(306,827)							0003
SX5E Call 3777.38 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	2,515	9,500,000	3777.380		691,600		218,256		218,256	(473,344)							0003
SX5E Call 3777.38 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	794	3,000,000	3777.380		218,400		68,923		68,923	(149,477)							0003
SX5E Call 4113.19 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/17/2022	02/16/2023	729	3,000,000	4113.190		192,000		4,968		4,968	(187,032)							0003
SX5E Call 4113.19 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/17/2022	02/16/2023	2,674	11,000,000	4113.190		704,000		18,216		18,216	(685,784)							0003
Basket Option Call 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	02/17/2022	02/16/2023	150,000	15,000,000	100.000		786,000		21,369		21,369	(764,631)							0004
Basket Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	07/14/2022	07/20/2023	165,000	16,500,000	100.000		1,082,400		753,909		753,909	(328,491)							0004
Basket Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	07/14/2022	07/20/2023	165,000	17,737,500	107.500		(447,150)		(329,070)		(329,070)	118,080							0004
Basket Option Call 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	11/18/2021	11/17/2022	1,400,000	140,000,000	100.000	6,552,000			970		970	(5,465,286)							0004
Basket Option Call 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	11/18/2021	11/17/2022	170,000	17,000,000	100.000	773,500			118		118	(663,642)							0004
Rainbow Option Call 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	06/16/2022	06/15/2023	50,000	5,000,000	100.000		436,000		368,704		368,704	(67,296)							0008
SPPRISME Call 5481.46 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	12/16/2021	12/15/2022	3,466	19,000,000	5481.460	532,000			377,143		377,143	(160,457)							0007

E06.4

STATEMENT AS OF SEPTEMBER 30, 2022 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)		
SPPRISME Call 5484.39 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	01/20/2022	01/19/2023	3,282	18,000,000	5484.390		504,000	317,685		317,685	(186,315)							0007	
SPPRISME Call 5488.94 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	10/14/2021	10/20/2022	1,330	7,300,000	5488.940	204,400		79,951		79,951	(105,190)								0007
SPPRISME Call 5497.6 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	02/17/2022	02/16/2023	2,365	13,000,000	5497.600		364,000	231,438		231,438	(132,562)								0007
SPPRISME Call 5569.6 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	11/18/2021	11/17/2022	3,232	18,000,000	5569.600	504,000		128,350		128,350	(216,726)								0007
SPPRISME Call 5604.38 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	09/15/2022	09/14/2023	4,514	25,300,000	5604.380	708,400		454,384		454,384	(254,016)								0007
SPPRISME Call 5604.38 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	09/21/2022	09/14/2023	6,102	34,200,000	5604.380	913,464		614,227		614,227	(299,237)								0007
SPPRISME Call 5638.35 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	07/14/2022	07/20/2023	2,838	16,000,000	5638.350	448,000		219,435		219,435	(228,565)								0007
SPPRISME Call 5638.35 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	07/19/2022	07/20/2023	3,583	20,200,000	5638.350	597,052		277,037		277,037	(320,015)								0007
SPPRISME Call 5660.75 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	06/16/2022	06/15/2023	2,473	14,000,000	5660.750	392,000		161,441		161,441	(230,559)								0007
SPPRISME Call 5660.75 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	07/19/2022	06/15/2023	7,773	44,000,000	5660.750	1,148,328		514,083		514,083	(634,245)								0007
SPPRISME Call 5675.15 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	03/17/2022	03/16/2023	2,749	15,600,000	5675.150	436,800		101,935		101,935	(334,865)								0007
SPPRISME Call 5682.8 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	04/14/2022	04/20/2023	5,279	30,000,000	5682.800	840,000		234,905		234,905	(605,095)								0007
SPPRISME Call 5685.06 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	05/19/2022	05/18/2023	5,717	32,500,000	5685.060	910,000		284,579		284,579	(625,421)								0007
SPPRISME Call 5685.06 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	07/19/2022	05/18/2023	2,638	15,000,000	5685.060	341,558		131,344		131,344	(210,214)								0007
SPPRISME Call 5714.16 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	08/18/2022	08/17/2023	4,148	23,700,000	5714.160	663,600		245,499		245,499	(418,101)								0007
SPPRISME Call 5714.16 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	4PQUHN3JPF6FNF3BB653	08/23/2022	08/17/2023	6,353	36,300,000	5714.160	1,119,018		376,018		376,018	(743,000)								0007
Rainbow Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GC71XBU11	07/14/2022	07/20/2023	70,000	7,000,000	100.000	877,800		461,385		461,385	(416,415)								0008
Rainbow Option Call 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GC71XBU11	07/14/2022	07/20/2023	70,000	7,630,000	109.000	(538,300)		(208,279)		(208,279)	330,021								0008
SPLVI Call 10072.08 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GC71XBU11	09/15/2022	09/14/2023	1,068	10,755,000	10072.080	1,063,670		560,740		560,740	(502,929)								0002
SPX Call 3666.77 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GC71XBU11	06/16/2022	06/15/2023	102,270	375,000,000	3666.770	40,875,000		30,346,296		30,346,296	(10,528,704)								0001
SPX Call 3900.79 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	ES71P3U3RH1GC71XBU11	05/19/2022	05/18/2023	17,945	70,000,000	3900.790	7,147,000		2,997,190		2,997,190	(4,149,810)								0001

E06.5

STATEMENT AS OF SEPTEMBER 30, 2022 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 3900.79 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	05/19/2022	05/18/2023	77,420	302,000,000	3900.790		30,834,200		12,930,732		12,930,732	(17,903,468)							0001	
SPX Call 4283.74 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	08/18/2022	08/17/2023	24,978	107,000,000	4283.740		10,550,200		2,306,190		2,306,190	(8,244,010)								0001
SPX Call 4411.67 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	05/12/2022	03/16/2023	15,867	70,000,012	4411.670		2,393,856		290,514		290,514	(2,103,342)								0001
SPX Call 4704.54 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/18/2021	11/17/2022	6,377	30,000,000	4704.540	2,184,000			1,170		1,170	(2,364,693)								0001
SPX Call 4704.54 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/18/2021	11/17/2022	1,488	7,000,000	4704.540	509,600			273		273	(551,762)								0001
SXSE Call 3396.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	883	3,000,000	3396.610		245,400		188,481		188,481	(56,919)								0003
SXSE Call 3396.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	07/14/2022	07/20/2023	3,239	11,000,000	3396.610		899,800		691,096		691,096	(208,704)								0003
SXSE Call 4149.06 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/14/2021	10/20/2022	2,892	12,000,000	4149.060	657,600			123		123	(885,018)								0003
SXSE Call 4149.06 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	10/14/2021	10/20/2022	723	3,000,000	4149.060	164,400			31		31	(221,255)								0003
SXSE Call 4201.87 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	12/16/2021	12/15/2022	3,451	14,500,000	4201.870	896,100			4,240		4,240	(1,016,273)								0003
SXSE Call 4201.87 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	12/16/2021	12/15/2022	714	3,000,000	4201.870	185,400			877		877	(210,263)								0003
SXSE Call 4299.61 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	01/20/2022	01/19/2023	930	4,000,000	4299.610		238,400		1,822		1,822	(236,578)								0003
SXSE Call 4299.61 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	01/20/2022	01/19/2023	2,791	12,000,000	4299.610		715,200		5,466		5,466	(709,734)								0003
S6IXECP Call 223.87 06/26/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	02RNE81BXP4ROTDBPU41	07/13/2022	06/26/2023	1,988	445,091	223.872		11,046		15,745	15,745	4,699								0014
S6IXECP Call 227.52 08/09/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	02RNE81BXP4ROTDBPU41	08/31/2022	08/09/2023	6,182	1,406,649	227.524		22,218		38,105	38,105	15,887								0014
S6IXECP Call 227.59 05/10/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	02RNE81BXP4ROTDBPU41	06/01/2022	05/10/2023	1,896	431,533	227.594		10,527		10,228	10,228	(299)								0014
S6IXECP Call 228.92 07/27/2023	FIA Hedge	Exhibit 5	Equity/Index	Societe Generale	02RNE81BXP4ROTDBPU41	08/03/2022	07/27/2023	11,287	2,583,889	228.920		59,936		60,986	60,986	1,051								0014
SPX Call 3666.77 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	06/16/2022	06/15/2023	2,454	9,000,000	3666.770		991,800		728,311	728,311	(263,489)								0001
SPX Call 3666.77 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	06/16/2022	06/15/2023	15,818	58,000,000	3666.770		6,391,600		4,693,560	4,693,560	(1,698,040)								0001
SPX Call 3900.79 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	05/19/2022	05/18/2023	2,307	9,000,000	3900.790		933,300		385,353	385,353	(547,947)								0001
SPX Call 3900.79 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	05/19/2022	05/18/2023	8,203	32,000,000	3900.790		3,318,400		1,370,144	1,370,144	(1,948,256)								0001
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	09/15/2022	09/14/2023	1,794	7,000,000	3901.350		770,000		425,033	425,033	(344,967)								0001
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	09/15/2022	09/14/2023	13,329	52,000,000	3901.350		5,720,000		3,157,386	3,157,386	(2,562,614)								0001
SPX Call 4438.26 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	10/14/2021	10/20/2022	27,714	123,000,000	4438.260	8,856,000		1,721		1,721	(14,964,712)								0001
SPX Call 4438.26 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank	JJKC32MCHID171265Z06	10/14/2021	10/20/2022	7,886	35,000,000	4438.260	2,520,000		490		490	(4,258,251)								0001
Basket Option Call 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	KB1H1DSRPFMYMCJFXT09	01/20/2022	01/19/2023	1,000,000	100,000,000	100.000		5,100,000		40,141	40,141	(5,059,859)								0004
SPSLVI Call 10095.26 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	KB1H1DSRPFMYMCJFXT09	10/14/2021	10/20/2022	1,486	15,000,000	10095.260	930,000		15,640		15,640	(1,680,959)								0002
SPSLVI Call 10174.56 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	KB1H1DSRPFMYMCJFXT09	02/17/2022	02/16/2023	1,710	17,400,000	10174.560	1,357,200		277,538		277,538	(1,079,662)								0002
SPSLVI Call 10369.23 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	KB1H1DSRPFMYMCJFXT09	11/18/2021	11/17/2022	1,910	19,800,000	10369.230	1,267,200		37,535		37,535	(1,767,225)								0002

E06.6

STATEMENT AS OF SEPTEMBER 30, 2022 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)	
SP5LVI Call 10474.62 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	03/17/2022	03/16/2023	2,635	27,600,000	10474.620		2,249,400		329,536		329,536	(1,919,864)						---	0002
SP5LVI Call 9435.16 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	06/16/2022	06/15/2023	816	7,700,000	9435.160		758,450		567,185		567,185	(191,265)						---	0002
SPX Call 3666.77 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	06/16/2022	06/15/2023	22,636	83,000,000	3666.770		9,001,350		6,716,647		6,716,647	(2,284,703)						---	0001
SPX Call 3901.35 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	09/15/2022	09/14/2023	80,741	315,000,000	3901.350		34,618,500		19,126,471		19,126,471	(15,492,029)						---	0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	02/17/2022	02/16/2023	16,437	72,000,000	4380.260		6,163,200		234,390		234,390	(5,928,810)						---	0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	02/17/2022	02/16/2023	73,055	320,000,000	4380.260		27,520,000		1,041,735		1,041,735	(26,478,265)						---	0001
SPX Call 4380.26 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	02/17/2022	02/16/2023	6,392	28,000,000	4380.260		2,401,000		91,152		91,152	(2,309,848)						---	0001
SPX Call 4668.67 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	12/16/2021	12/15/2022	22,276	104,000,000	4668.670	8,203,000			20,746		20,746	(9,138,094)						---	0001
SPX Call 4704.54 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A.	11/18/2021	11/17/2022	23,382	110,000,000	4704.540	8,074,000			4,291		4,291	(8,670,543)						---	0001
015999999. Subtotal - Purchased Options - Hedging Other - Call Options and Warrants										167,736,372	521,949,575		169,574,202	XXX	169,574,202	(556,467,641)					XXX	XXX	
021999999. Subtotal - Purchased Options - Hedging Other										167,736,372	521,949,575		169,574,202	XXX	169,574,202	(556,467,641)					XXX	XXX	
028999999. Subtotal - Purchased Options - Replications														XXX								XXX	XXX
035999999. Subtotal - Purchased Options - Income Generation														XXX								XXX	XXX
042999999. Subtotal - Purchased Options - Other														XXX								XXX	XXX
043999999. Total Purchased Options - Call Options and Warrants										167,736,372	521,949,575		169,574,202	XXX	169,574,202	(556,467,641)					XXX	XXX	
044999999. Total Purchased Options - Put Options														XXX								XXX	XXX
045999999. Total Purchased Options - Caps														XXX								XXX	XXX
046999999. Total Purchased Options - Floors														XXX								XXX	XXX
047999999. Total Purchased Options - Collars														XXX								XXX	XXX
048999999. Total Purchased Options - Other														XXX								XXX	XXX
049999999. Total Purchased Options										167,736,372	521,949,575		169,574,202	XXX	169,574,202	(556,467,641)					XXX	XXX	
056999999. Subtotal - Written Options - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX								XXX	XXX
063999999. Subtotal - Written Options - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX								XXX	XXX
Basket Option Call 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	03/17/2022	03/16/2023	125,000	13,468,750	107.750		(212,500)		(5,780)		(5,780)	206,720						---	0004
Basket Option Call 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	03/17/2022	03/16/2023	970,000	107,185,000	110.500		(1,018,500)		(23,241)		(23,241)	995,259						---	0004
Basket Option Call 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	04/14/2022	04/20/2023	200,000	21,500,000	107.500		(378,000)		(27,532)		(27,532)	350,468						---	0004
Basket Option Call 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	04/14/2022	04/20/2023	1,070,000	117,432,500	109.750		(1,391,000)		(89,586)		(89,586)	1,301,414						---	0004
Basket Option Call 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	05/19/2022	05/18/2023	1,060,000	116,335,000	109.750		(1,844,400)		(586,372)		(586,372)	1,258,028						---	0004
Basket Option Call 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Bank of America, N.A.	05/19/2022	05/18/2023	165,000	17,737,500	107.500		(394,350)		(134,492)		(134,492)	259,858						---	0004
SPX Call 4583.6 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	10,972	50,290,000	4583.602		(2,817,650)		(439,749)		(439,749)	2,377,901						---	0001
SPX Call 4615.73 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	1,401	6,465,000	4615.730		(337,500)		(51,105)		(51,105)	286,395						---	0001
SPX Call 4626.44 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	08/18/2022	08/17/2023	64,430	298,080,000	4626.439		(15,266,940)		(2,278,079)		(2,278,079)	12,988,861						---	0001
SPX Call 4654.31 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	03/17/2022	03/16/2023	16,320	75,960,001	4654.312		(4,213,800)		(101,743)		(101,743)	4,112,057						---	0001
SPX Call 4729.28 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	01/20/2022	01/19/2023	20,523	97,060,001	4729.280		(4,429,800)		(31,575)		(31,575)	4,398,225						---	0001
SPX Call 4731.52 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC	03/17/2022	03/16/2023	5,440	25,740,000	4731.516		(1,198,800)		(24,032)		(24,032)	1,174,768						---	0001

E06.7

STATEMENT AS OF SEPTEMBER 30, 2022 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 4786.66 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.03/17/2022	.03/16/2023	65,735	314,650,003	4786.662		(12,864,400)		(227,449)		(227,449)	12,636,951						---	0001
SPX Call 4807.73 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.01/20/2022	.01/19/2023	10,931	52,552,500	4807.728		(1,931,825)		(11,792)		(11,792)	1,920,033						---	0001
SPX Call 4815.51 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.10/14/2021	.10/20/2022	92,379	444,850,000	4815.512	(11,857,200)			(333)		(333)	26,112,311						---	0001
SPX Call 5007.15 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Barclays Bank PLC . G5GSEF7VJP5170UK5573	.12/16/2021	.12/15/2022	9,210	46,117,500	5007.149	(1,764,075)			(1,790)		(1,790)	1,955,222						---	0001
Basket Option Call 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.01/20/2022	.01/19/2023	165,000	17,778,750	107.750		(204,600)		(802)		(802)	203,798						---	0004
Basket Option Call 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.02/17/2022	.02/16/2023	1,140,000	125,970,000	110.500		(1,014,600)		(10,625)		(10,625)	1,003,975						---	0004
Basket Option Call 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.06/16/2022	.06/15/2023	970,000	106,457,500	109.750		(2,027,300)		(1,623,946)		(1,623,946)	403,354						---	0004
Basket Option Call 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.06/16/2022	.06/15/2023	195,000	20,962,500	107.500		(546,000)		(437,101)		(437,101)	108,899						---	0004
Basket Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.09/15/2022	.09/14/2023	145,000	15,515,000	107.000		(443,700)		(306,402)		(306,402)	137,298						---	0004
Basket Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.09/15/2022	.09/14/2023	1,070,000	116,362,500	108.750		(2,621,500)		(1,833,593)		(1,833,593)	787,907						---	0004
Basket Option Call 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.10/14/2021	.10/20/2022	135,000	14,546,250	107.750	(139,050)						273,176						---	0004
Basket Option Call 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.12/16/2021	.12/15/2022	1,690,000	186,745,000	110.500	(4,377,100)			(553)		(553)	2,060,116						---	0004
Basket Option Call 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.12/16/2021	.12/15/2022	155,000	16,701,250	107.750	(544,050)			(112)		(112)	297,963						---	0004
SX5E Call 3685.0 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.06/16/2022	.06/15/2023	875	3,225,000	3685.003		(127,950)		(78,178)		(78,178)	49,772						---	0003
SX5E Call 3736.42 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.06/16/2022	.06/15/2023	2,480	9,265,000	3736.422		(314,925)		(187,043)		(187,043)	127,882						---	0003
SX5E Call 3913.59 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.05/19/2022	.05/18/2023	824	3,225,000	3913.591		(125,250)		(27,517)		(27,517)	97,733						---	0003
SX5E Call 3968.2 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.05/19/2022	.05/18/2023	2,472	9,810,000	3968.200		(325,350)		(65,710)		(65,710)	259,640						---	0003
SX5E Call 4137.33 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.04/14/2022	.04/20/2023	779	3,225,000	4137.331		(105,750)		(9,727)		(9,727)	96,023						---	0003
SX5E Call 4195.06 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	BNP Paribas ROMUIISFPUBM8PRO8K5P83	.04/14/2022	.04/20/2023	2,468	10,355,000	4195.061		(279,300)		(23,784)		(23,784)	255,516						---	0003
Basket Option Call 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.10/14/2021	.10/20/2022	1,470,000	162,435,000	110.500	(808,500)			(1)		(1)	1,826,092						---	0004
Rainbow Option Call 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.03/22/2022	.03/16/2023	65,000	7,117,500	109.500		(190,450)		(4,945)		(4,945)	185,505						---	0008
Rainbow Option Call 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.04/14/2022	.04/20/2023	49,000	5,341,000	109.000		(140,630)		(6,267)		(6,267)	134,363						---	0008
Rainbow Option Call 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.05/19/2022	.05/18/2023	50,000	5,450,000	109.000		(342,500)		(57,752)		(57,752)	284,748						---	0008
Rainbow Option Call 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.09/15/2022	.09/14/2023	50,000	5,412,500	108.250		(414,000)		(141,560)		(141,560)	272,440						---	0008
SX5E Call 4186.43 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.03/17/2022	.03/16/2023	772	3,232,500	4186.432		(121,800)		(5,344)		(5,344)	116,456						---	0003
SX5E Call 4254.43 03/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.03/17/2022	.03/16/2023	2,316	9,855,000	4254.425		(310,500)		(11,772)		(11,772)	298,728						---	0003
SX5E Call 4723.44 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.11/18/2021	.11/17/2022	684	3,232,500	4723.437	(66,600)			(13)		(13)	46,154						---	0003
SX5E Call 4800.15 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Goldman Sachs International W22LROIP21HZNB6K528	.11/18/2021	.11/17/2022	2,623	12,592,500	4800.152	(203,550)			(33)		(33)	135,061						---	0003
SPX Call 3983.69 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC 11E8VN30JCEQV1H4R804	.07/14/2022	.07/20/2023	20,315	80,927,001	3983.689		(6,117,650)		(3,503,263)		(3,503,263)	2,614,387						---	0001

E06.8

STATEMENT AS OF SEPTEMBER 30, 2022 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 4055.71 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	13,719	55,640,000	4055.707		(3,637,400)		(2,003,719)		(2,003,719)	1,633,681							0001
SPX Call 4084.13 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	1,847	7,542,500	4084.135		(465,150)		(251,920)		(251,920)	213,230							0001
SPX Call 4093.61 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	07/14/2022	07/20/2023	77,037	315,360,000	4093.610		(19,074,900)		(10,268,572)		(10,268,572)	8,806,328							0001
SPX Call 4100.32 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	17,174	70,417,001	4100.319		(5,457,150)		(2,725,778)		(2,725,778)	2,731,372							0001
SPX Call 4616.61 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/14/2022	04/20/2023	18,668	86,182,000	4616.612		(5,108,600)		(234,850)		(234,850)	4,873,750							0001
SPX Call 4691.18 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/20/2022	01/19/2023	1,562	7,325,500	4691.177		(362,600)		(2,865)		(2,865)	359,735							0001
SPX Call 4700.07 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/14/2022	04/20/2023	7,968	37,450,000	4700.071		(1,855,000)		(71,952)		(71,952)	1,783,048							0001
SPX Call 4744.0 04/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	04/14/2022	04/20/2023	79,680	378,000,000	4743.997		(16,817,500)		(604,115)		(604,115)	16,213,385							0001
SPX Call 4863.76 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	01/20/2022	01/19/2023	109,308	531,650,005	4863.762		(16,733,500)		(92,092)		(92,092)	16,641,408							0001
SPX Call 5065.51 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	12/16/2021	12/15/2022	102,813	520,800,005	5065.507	(16,224,000)			(15,288)		(15,288)	18,951,655							0001
SPX Call 5104.43 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	11/18/2021	11/17/2022	85,024	434,000,000	5104.426	(11,900,000)			(1,752)		(1,752)	12,919,384							0001
SX5E Call 3789.72 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	847	3,210,004	3789.720		(145,500)		(79,425)		(79,425)	66,075							0003
SX5E Call 3842.84 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	09/15/2022	09/14/2023	2,682	10,307,500	3842.842		(405,650)		(216,152)		(216,152)	189,498							0003
SX5E Call 4041.8 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	794	3,210,000	4041.797		(121,500)		(29,360)		(29,360)	92,140							0003
SX5E Call 4098.46 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	08/18/2022	08/17/2023	2,515	10,307,500	4098.457		(334,400)		(76,387)		(76,387)	258,013							0003
SX5E Call 4431.96 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/17/2022	02/16/2023	729	3,232,500	4431.962		(89,100)		(1,126)		(1,126)	87,974							0003
SX5E Call 4503.94 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	HSBC Bank PLC	02/17/2022	02/16/2023	2,674	12,045,000	4503.943		(266,200)		(2,958)		(2,958)	263,242							0003
Basket Option Call 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	02/17/2022	02/16/2023	150,000	16,162,500	107.750		(223,500)		(2,806)		(2,806)	220,694							0004
Basket Option Call 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	11/18/2021	11/17/2022	1,400,000	154,700,000	110.500	(840,000)			(26)		(26)	917,343							0004
Basket Option Call 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	11/18/2021	11/17/2022	170,000	18,317,500	107.750	(185,300)			(8)		(8)	191,722							0004
Rainbow Option Call 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Morgan Stanley & Co. International plc	06/16/2022	06/15/2023	50,000	5,450,000	109.000		(203,500)		(168,427)		(168,427)	35,073							0008
SPX Call 3960.1116 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	06/16/2022	06/15/2023	102,270	405,000,000	3960.112		(25,387,500)		(16,463,850)		(16,463,850)	8,923,650							0001
SPX Call 4099.73 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	05/19/2022	05/18/2023	17,945	73,570,000	4099.730		(5,201,000)		(1,763,304)		(1,763,304)	3,437,696							0001
SPX Call 4212.85 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	05/19/2022	05/18/2023	77,420	326,160,000	4212.853		(18,180,400)		(5,407,175)		(5,407,175)	12,773,225							0001
SPX Call 4502.21 08/17/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	08/18/2022	08/17/2023	24,978	112,456,999	4502.211		(7,447,200)		(1,266,368)		(1,266,368)	6,180,832							0001
SPX Call 4923.3 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/18/2021	11/17/2022	1,488	7,325,500	4923.301	(326,900)			(81)		(81)	356,530							0001
SPX Call 5045.62 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada	11/18/2021	11/17/2022	6,377	32,175,000	5045.619	(1,044,000)			(179)		(179)	1,134,640							0001

E06.9

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)		
SX5E Call 3651.36 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	07/14/2022	07/20/2023	883	3,225,004	3651.360		(141,300)		(98,976)		(98,976)	42,324						---	0003	
SX5E Call 3702.3 07/20/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	07/14/2022	07/20/2023	3,239	11,989,984	3702.300		(456,500)		(312,816)		(312,816)	143,684						---	0003	
SX5E Call 4470.61 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	10/14/2021	10/20/2022	723	3,232,500	4470.612		(66,600)		(2)		(2)	99,567						---	0003	
SX5E Call 4527.51 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	12/16/2021	12/15/2022	714	3,232,500	4527.515		(84,300)		(182)		(182)	97,517						---	0003	
SX5E Call 4543.22 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	10/14/2021	10/20/2022	2,892	13,140,000	4543.221		(208,800)		(5)		(5)	318,273						---	0003	
SX5E Call 4601.05 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	12/16/2021	12/15/2022	3,451	15,877,500	4601.048		(333,500)		(598)		(598)	382,338						---	0003	
SX5E Call 4632.83 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	01/20/2022	01/19/2023	930	4,310,000	4632.830		(102,800)		(436)		(436)	102,364						---	0003	
SX5E Call 4708.07 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Royal Bank of Canada ES71P3U3RHIGC71XBU11	01/20/2022	01/19/2023	2,791	13,140,000	4708.073		(248,400)		(932)		(932)	247,468						---	0003	
SPX Call 3923.4439 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	06/16/2022	06/15/2023	15,818	62,060,000	3923.444		(4,263,000)		(2,775,582)		(2,775,582)	1,487,418						---	0001	
SPX Call 3950.9447 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	06/16/2022	06/15/2023	2,454	9,697,500	3950.945		(629,100)		(403,848)		(403,848)	225,253						---	0001	
SPX Call 4173.85 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	05/19/2022	05/18/2023	8,203	34,240,000	4173.845		(2,131,200)		(646,511)		(646,511)	1,484,689						---	0001	
SPX Call 4174.44 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	09/15/2022	09/14/2023	13,329	55,640,000	4174.445		(3,770,000)		(1,792,699)		(1,792,699)	1,977,301						---	0001	
SPX Call 4203.1 05/18/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	05/19/2022	05/18/2023	2,307	9,697,500	4203.101		(567,900)		(166,132)		(166,132)	401,768						---	0001	
SPX Call 4203.7 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	09/15/2022	09/14/2023	1,794	7,542,500	4203.705		(481,600)		(225,525)		(225,525)	256,075						---	0001	
SPX Call 4682.36 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	10/14/2021	10/20/2022	27,714	129,765,000	4682.364		(5,129,100)		(266)		(266)	10,175,877						---	0001	
SPX Call 4760.03 10/20/2022	FIUL Hedge	Exhibit 5	Equity/Index	Truist Bank JJKC32MCHID171265Z06	10/14/2021	10/20/2022	7,886	37,537,500	4760.034		(1,186,500)		(43)		(43)	2,498,628						---	0001	
Basket Option Call 01/19/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	01/20/2022	01/19/2023	1,000,000	110,500,000	110.500		(740,000)		(2,424)		(2,424)	737,576						---	0004	
SPX Call 3853.7753 06/15/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	06/16/2022	06/15/2023	22,636	87,233,001	3853.775		(6,718,850)		(4,641,666)		(4,641,666)	2,077,184						---	0001	
SPX Call 4213.46 09/14/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	09/15/2022	09/14/2023	80,741	340,200,000	4213.458		(21,294,000)		(9,919,180)		(9,919,180)	11,374,820						---	0001	
SPX Call 4621.17 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	02/17/2022	02/16/2023	16,437	75,960,000	4621.174		(3,924,000)		(77,510)		(77,510)	3,846,490						---	0001	
SPX Call 4697.83 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	02/17/2022	02/16/2023	6,392	30,030,000	4697.829		(1,286,600)		(21,336)		(21,336)	1,265,264						---	0001	
SPX Call 4752.58 02/16/2023	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	02/17/2022	02/16/2023	73,055	347,200,000	4752.582		(13,024,000)		(191,119)		(191,119)	12,832,881						---	0001	
SPX Call 4925.45 12/15/2022	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	12/16/2021	12/15/2022	22,276	109,720,001	4925.447		(4,963,400)		(6,346)		(6,346)	5,675,854						---	0001	
SPX Call 4963.29 11/17/2022	FIUL Hedge	Exhibit 5	Equity/Index	Wells Fargo Bank, N.A. KB1H1DSRPFMYMCJFXT09	11/18/2021	11/17/2022	23,382	116,050,000	4963.290		(4,752,000)		(1,019)		(1,019)	5,106,940						---	0001	
0649999999. Subtotal - Written Options - Hedging Other - Call Options and Warrants										(67,004,525)	(251,369,720)		(75,406,380)	XXX	(75,406,380)	267,524,332					XXX	XXX		
0709999999. Subtotal - Written Options - Hedging Other										(67,004,525)	(251,369,720)		(75,406,380)	XXX	(75,406,380)	267,524,332					XXX	XXX		
0779999999. Subtotal - Written Options - Replications														XXX								XXX	XXX	
CALL ON MPC 10/21/2022 @ 120.0	565854102 Marathon Petroleum Corp (MPC)	D 2-2	Equity/Index	OTC	08/29/2022	10/21/2022	15	180,000	120.000		(2,609)		(315)		(315)	2,294						---	0011	
0789999999. Subtotal - Written Options - Income Generation - Call Options and Warrants													(2,609)	(315)	XXX	(315)	2,294					XXX	XXX	
0849999999. Subtotal - Written Options - Income Generation													(2,609)	(315)	XXX	(315)	2,294						XXX	XXX
0919999999. Subtotal - Written Options - Other															XXX							XXX	XXX	
0929999999. Total Written Options - Call Options and Warrants										(67,004,525)	(251,372,329)		(75,406,695)	XXX	(75,406,695)	267,526,626					XXX	XXX		

E06.10

STATEMENT AS OF SEPTEMBER 30, 2022 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)
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										(67,004,525)	(251,372,329)		(75,406,695)	XXX	(75,406,695)	267,526,626					XXX	XXX
1049999999. Subtotal - Swaps - Hedging Effective Excluding Variable Annuity Guarantees Under SSAP No.108														XXX							XXX	XXX
1109999999. Subtotal - Swaps - Hedging Effective Variable Annuity Guarantees Under SSAP No.108														XXX							XXX	XXX
1169999999. Subtotal - Swaps - Hedging Other														XXX							XXX	XXX
1229999999. Subtotal - Swaps - Replication														XXX							XXX	XXX
1289999999. Subtotal - Swaps - Income Generation														XXX							XXX	XXX
1349999999. Subtotal - Swaps - Other														XXX							XXX	XXX
1359999999. Total Swaps - Interest Rate														XXX							XXX	XXX
1369999999. Total Swaps - Credit Default														XXX							XXX	XXX
1379999999. Total Swaps - Foreign Exchange														XXX							XXX	XXX
1389999999. Total Swaps - Total Return														XXX							XXX	XXX
1399999999. Total Swaps - Other														XXX							XXX	XXX
1409999999. Total Swaps														XXX							XXX	XXX
USD/CAD 1/31/2023	Foreign Currency Hedge	E 1	Currency	Barclays Bank PLC	G5GSEF7VJP5170UK5573	01/26/2022	01/31/2023	1	79,038,887	0.790			(6,634,570)		(6,634,570)		(6,634,570)			229,334		0012
USD/CAD 1/31/2023	Foreign Currency Hedge	E 1	Currency	Barclays Bank PLC	G5GSEF7VJP5170UK5573	01/26/2022	01/31/2023	1	19,759,722	0.790			(1,658,643)		(1,658,643)		(1,658,643)			57,333		0012
USD/CAD 1/31/2023	Foreign Currency Hedge	E 1	Currency	Barclays Bank PLC	G5GSEF7VJP5170UK5573	01/26/2022	01/31/2023	1	98,798,609	0.790			(8,293,213)		(8,293,213)		(8,293,213)			286,667		0012
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	Credit Suisse	E58DKGMJYJYLN8C3868	06/28/2022	06/29/2023	1	50,000,000	91.418			(3,371,912)		(3,371,912)					1,360,704		0009
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	Credit Suisse	E58DKGMJYJYLN8C3868	06/29/2022	12/20/2023	1	50,000,000	93.460			(4,141,053)		(4,141,053)					1,360,704		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	Credit Suisse	E58DKGMJYJYLN8C3868	07/07/2022	07/12/2023	1	50,000,000	97.093			(3,757,671)		(3,757,671)					1,107,404		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	Credit Suisse	E58DKGMJYJYLN8C3868	07/12/2022	07/13/2023	1	50,000,000	98.554			(4,457,760)		(4,457,760)					1,107,404		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	Credit Suisse	E58DKGMJYJYLN8C3868	07/18/2022	04/19/2023	1	50,000,000	97.274			(3,529,088)		(3,529,088)					1,107,404		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	JP Morgan	7H6GLXDRUGOFU57RNE97	07/13/2022	01/18/2024	1	50,000,000	97.858			(3,865,524)		(3,865,524)					1,107,404		0009
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	JP Morgan	7H6GLXDRUGOFU57RNE97	07/26/2022	09/20/2023	1	50,000,000	98.123			(4,942,677)		(4,942,677)					1,360,704		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	JP Morgan	7H6GLXDRUGOFU57RNE97	07/26/2022	09/20/2023	1	50,000,000	100.373			(6,147,016)		(6,147,016)					1,107,404		0009
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	JP Morgan	7H6GLXDRUGOFU57RNE97	07/27/2022	09/20/2023	1	30,000,000	97.933			(3,635,899)		(3,635,899)					816,422		0009
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	N.A.	KB1H1DSPRFMYMCFXT09	07/07/2022	12/20/2023	1	50,000,000	94.460			(4,619,435)		(4,619,435)					1,360,704		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	N.A.	KB1H1DSPRFMYMCFXT09	07/11/2022	07/13/2023	1	17,000,000	97.358			(1,320,205)		(1,320,205)					376,517		0005
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	N.A.	KB1H1DSPRFMYMCFXT09	07/19/2022	04/19/2023	1	50,000,000	97.247			(3,520,611)		(3,520,611)					1,107,404		0009
Bond Forward 20YR UST 3.25 05/15/42	GLWB Hedge	Exhibit 5	Interest	N.A.	KB1H1DSPRFMYMCFXT09	06/08/2022	06/09/2023	1	25,000,000	97.664			(2,107,355)		(2,107,355)					553,702		0005
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	N.A.	KB1H1DSPRFMYMCFXT09	06/10/2022	06/13/2023	1	50,000,000	93.509			(4,465,011)		(4,465,011)					1,360,704		0009
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest	N.A.	KB1H1DSPRFMYMCFXT09	06/22/2022	06/22/2023	1	20,000,000	93.245			(1,717,522)		(1,717,522)					544,281		0005

EOG-11

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART A - SECTION 1

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23													
Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Exchange, Counterparty or Central Clearinghouse	Trade Date	Date of Maturity or Expiration	Number of Contracts	Notional Amount	Strike Price, Rate or Index Received (Paid)	Cumulative Prior Year(s) Initial Cost of Un-discounted Premium (Received) Paid	Current Year Initial Cost of Un-discounted Premium (Received) Paid	Current Year Income	Book/ Adjusted Carrying Value	Code	Fair Value	Unrealized Valuation Increase/ (Decrease)	Total Foreign Exchange Change in B./A.C.V.	Current Year's (Amortization)/ Accretion	Adjustment to Carrying Value of Hedged Item	Potential Exposure	Credit Quality of Reference Entity	Hedge Effectiveness at Inception and at Quarter-end (b)													
Bond Forward 30YR UST 2.875 05/15/52	GLWB Hedge	Exhibit 5	Interest Rate	Wells Fargo Bank, N.A.	06/22/2022	06/22/2023	1	50,000,000	93.245				(4,293,804)		(4,293,804)					1,360,704	---	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																					100,731,847	270,579,855		17,688,852	XXX	17,688,852	(288,943,310)	(16,586,426)			17,672,902	XXX	XXX		
1719999999. Subtotal - Replication																									XXX										
1729999999. Subtotal - Income Generation																						(2,609)		(315)	XXX	(315)	2,294								
1739999999. Subtotal - Other																									XXX										
1749999999. Subtotal - Adjustments for SSAP No. 108 Derivatives																									XXX										
1759999999 - Totals																					100,731,847	270,577,245		17,688,537	XXX	17,688,537	(288,941,015)	(16,586,426)			17,672,902	XXX	XXX		

(a)	Code	Description of Hedged Risk(s)
	0001	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 hedge effectiveness for Q3 2022 met its expectation of effectiveness at 98%
	0002	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 Low Volatility hedge effectiveness for Q3 2022 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 2022 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 2022 met its expectation of effectiveness at 100%
	0005	Hedge of GAAP liabilities for Guaranteed Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q3 2022 does not meet expectation of effectiveness at 64%
	0007	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL S&P 500 Prism hedge effectiveness for Q3 2022 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 2022 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 2022 does not meet expectation of effectiveness at 54%
	0010	Hedge of economic liabilities for Fixed Index Annuity product. The FIA Barclays Trailblazer hedge effectiveness for Q3 2022 met its expectation of effectiveness at 100%
	0011	Income Generation
	0012	Hedge for ML against changes in USD value of the CAD required for the acquisition met its expectation of effectiveness for Q3 2022 in that the notional exposure of the forward contracts was between 0 and 100% of the notional exposure of CAD.
	0014	Hedge of economic liabilities for Fixed Index Annuity product. The FIA Societe Generale hedge effectiveness for Q3 2022 met its expectation of effectiveness at 100%

(b)	Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART B - SECTION 1

Futures Contracts Open as of the Current Statement Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	Highly Effective Hedges			18	19	20	21	22
														15	16	17					
Ticker Symbol	Number of Contracts	Notional Amount	Description	Description of Item(s) Hedged, Used for Income Generation or Replicated	Schedule/ Exhibit Identifier	Type(s) of Risk(s) (a)	Date of Maturity or Expiration	Exchange	Trade Date	Transaction Price	Reporting Date Price	Fair Value	Book/ Adjusted Carrying Value	Cumulative Variation Margin	Deferred Variation Margin	Change in Variation Margin Gain (Loss) Used to Adjust Basis of Hedged Item	Cumulative Variation Margin for All Other Hedges	Change in Variation Margin Gain (Loss) Recognized in Current Year	Potential Exposure	Hedge Effectiveness at Inception and at Quarter-end (b)	Value of One (1) Point
EDZ2	790	790,000,000	3-MTH EUROS DEC2	GIW/GLWB Hedge	Exhibit 5	Interest Rate	12/19/2022	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	09/29/2022	95.5100	95.3100					(401,475)	(401,475)	592,500	0004/0005	1,000,000	
FVZ2	273	27,300,000	5YR T NOTES DEC2	GIW/GLWB Hedge	Exhibit 5	Interest Rate	12/30/2022	Chicago, Inc. 549300EX04020BFQT027	09/29/2022	110.6800	107.5100					(866,352)	(866,352)	382,200	0004/0005	100,000	
TYZ2	670	67,000,000	10YR TNOTES DEC2	GIW/GLWB Hedge	Exhibit 5	Interest Rate	12/20/2022	Chicago, Inc. 549300EX04020BFQT027	09/29/2022	116.4800	112.0600					(2,958,609)	(2,958,609)	1,206,000	0004/0005	100,000	
USZ2	2,391	239,100,000	US T BONDS DEC2	GIW/GLWB Hedge	Exhibit 5	Interest Rate	12/20/2022	Chicago, Inc. 549300EX04020BFQT027	09/29/2022	134.1400	126.4100					(18,482,906)	(18,482,906)	9,085,800	0004/0005	100,000	
ESZ2	1,148	229,337,633	EMINI S&P DEC2	FIA/FIUL Hedge	Exhibit 5	Equity/Index	12/16/2022	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	09/13/2022	3,995.4700	3,601.5000					(22,611,533)	(22,611,533)	11,480,000	0006/0007	50	
1539999999. Subtotal - Long Futures - Hedging Other																(45,320,875)	(45,320,875)	22,746,500	XXX	XXX	
1579999999. Subtotal - Long Futures																(45,320,875)	(45,320,875)	22,746,500	XXX	XXX	
EDZ2	416	416,000,000	3-MTH EUROS DEC2	FIA/FIUL Hedge; Equity Portfolio Hedge; GIW/GLWB Hedge	Exhibit 5	Interest Rate	12/19/2022	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	09/26/2022	95.9900	95.3100					710,501	710,501	312,000	0006/0007	1,000,000	
ESZ2	1,515	300,822,748	EMINI S&P DEC2	FIA/FIUL Hedge	D 2-2/Exhibit 5	Equity/Index	12/16/2022	Chicago Mercantile Exchange Inc. SNZ20JLKF8MNNCLQOF39	09/30/2022	3,972.5300	3,601.5000					28,009,123	28,009,123	15,150,000	0002/0004/0005	50	
MFSZ2	842	75,814,748	MSCI EAFE DEC2	GIW/GLWB Hedge	Exhibit 5	Equity/Index	12/16/2022	Intercontinental Exchange US 549300R41G1TWPZT5U32	09/23/2022	1,801.2700	1,660.6000					5,903,488	5,903,488	2,740,419	0004/0005	50	
1609999999. Subtotal - Short Futures - Hedging Other																34,623,111	34,623,111	18,202,419	XXX	XXX	
1649999999. Subtotal - Short Futures																34,623,111	34,623,111	18,202,419	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																(10,697,764)	(10,697,764)	40,948,919	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																(10,697,764)	(10,697,764)	40,948,919	XXX	XXX	

Broker Name	Beginning Cash Balance	Cumulative Cash Change	Ending Cash Balance
Total Net Cash Deposits			

(a) Code	Description of Hedged Risk(s)
0002	The Equity Hedge Strategy met its expectation of effectiveness for Q3 2022 in that the total equity exposure (equity holdings + futures) will be within +/- 10% of the portfolio manager's equity target. The equity target will be between 0 and 90% of the fund's market value.
0004	Hedge of GAAP liabilities for Guaranteed Withdrawal Benefit Annuity product. The GIW hedge effectiveness for Q3 2022 does not meet expectation of effectiveness at 64%
0005	Hedge of GAAP liabilities for Guaranteed Lifetime Withdrawal Benefit Annuity product. The GLWB hedge effectiveness for Q3 2022 met its expectation of effectiveness at 96%
0006	Hedge of economic liabilities for Fixed Index Annuity product. The FIA hedge effectiveness for Q3 2022 met its expectation of effectiveness at 93%
0007	Hedge of economic liabilities for Fixed Index Universal Life product. The FIUL hedge effectiveness for Q3 2022 met its expectation of effectiveness at 100%

(b) Code	Financial or Economic Impact of the Hedge at the End of the Reporting Period

E07

STATEMENT AS OF SEPTEMBER 30, 2022 OF THE MINNESOTA LIFE INSURANCE COMPANY

SCHEDULE DB - PART D - SECTION 2

Collateral for Derivative Instruments Open as of Current Statement Date

Collateral Pledged by Reporting Entity

1 Exchange, Counterparty or Central Clearinghouse	2 Type of Asset Pledged	3 CUSIP Identification	4 Description	5 Fair Value	6 Par Value	7 Book/Adjusted Carrying Value	8 Maturity Date	9 Type of Margin (I, V or IV)
Morgan Stanley & Co. International plc	Other	4PQUHNGJPFQFNF3BB653	1SHARES-C S&P 500	1,327,005	3,700	888,290		IV
Morgan Stanley & Co. International plc	Treasury	4PQUHNGJPFQFNF3BB653	T 1.75 05/15/23	26,620,313	27,000,000	26,947,084	05/15/2023	IV
Morgan Stanley & Co. International plc	Treasury	4PQUHNGJPFQFNF3BB653	SP 0 11/15/31	41,864,062	60,000,000	51,617,614	11/15/2031	IV
JP Morgan Chase Bank, NA	Treasury	7H6GLXDRUGGFUS7RNE97	T 3.125 08/15/25	9,693,750	10,000,000	9,882,856	08/15/2025	IV
JP Morgan Chase Bank, NA	Money Market Fund	7H6GLXDRUGGFUS7RNE97	Dreyfus Trsy Agy CM INST 521	12,853,000	12,853,000	12,853,000		IV
Wells Fargo Bank NA	Money Market Fund	KB1H1DSPRFMYMCFXT09	Dreyfus Trsy Agy CM INST 521	9,005,000	9,005,000	9,005,000		IV
Credit Suisse	Money Market Fund	ES8DKGMLJYYJLNB8C3868	Dreyfus Trsy Agy CM INST 521	21,200,000	21,200,000	21,200,000		IV
Barclays Bank PLC	Money Market Fund	G5GSEF7VJP5170UK5573	Dreyfus Trsy Agy CM INST 521	6,800,000	6,800,000	6,800,000		IV
0199999999 - Total				129,363,130	146,861,700	139,193,844	XXX	XXX

Collateral Pledged to Reporting Entity

1 Exchange, Counterparty or Central Clearinghouse	2 Type of Asset Pledged	3 CUSIP Identification	4 Description	5 Fair Value	6 Par Value	7 Book/Adjusted Carrying Value	8 Maturity Date	9 Type of Margin (I, V or IV)
Bank of America NA	Money Market Fund	B4TYDEB6GKMZ0031MB27	Dreyfus Trsy Agy CM INST 521	8,700,000	8,700,000	XXX		IV
BNP Paribas	Money Market Fund	ROMUWSPUBMPC08K5P83	Dreyfus Trsy Agy CM INST 521	11,247,200	11,247,200	XXX		IV
Goldman Sachs International	Money Market Fund	W22LROIP21HZNB6K528	Dreyfus Trsy Agy CM INST 521	639,660	639,660	XXX		IV
HSBC Bank USA	Money Market Fund	11EBVN30JCEQV1H4R804	Dreyfus Trsy Agy CM INST 521	19,220,000	19,220,000	XXX		IV
Morgan Stanley & Co. International plc	Money Market Fund	4PQUHNGJPFQFNF3BB653	Dreyfus Trsy Agy CM INST 521	6,485,738	6,485,738	XXX		IV
Royal Bank of Canada	Money Market Fund	ES71P3U3RHI6C71XB011	Dreyfus Trsy Agy CM INST 521	30,890,000	30,890,000	XXX		IV
Truist Bank	Treasury	JJKC32MCHID171265Z06	B .375 12/31/25	5,588,263	6,320,000	XXX	12/31/2025	IV
0299999999 - Total				82,770,861	83,502,598	XXX	XXX	XXX

60

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

Medicare Part D Coverage Supplement

N O N E

Trusted Surplus - Cover

N O N E

Trusted Surplus Statement - Assets

N O N E

Trusted Surplus Statement - Liabilities and Trusted Surplus

N O N E

Trusted Surplus Overflow Page

N O N E