



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

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2024

OF THE CONDITION AND AFFAIRS OF THE

MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

NAIC Group Code

0435

0435

NAIC Company Code

63312

Employer's ID Number

13-1935920

(Current)

(Prior)

Organized under the Laws of

Ohio

State of Domicile or Port of Entry

OH

Country of Domicile

United States of America

Licensed as business type:

Life, Accident and Health [X]

Fraternal Benefit Societies []

Incorporated/Organized

12/29/1961

Commenced Business

08/13/1963

Statutory Home Office

191 Rosa Parks Street

Cincinnati, OH, US 45202

(Street and Number)

(City or Town, State, Country and Zip Code)

Main Administrative Office

191 Rosa Parks Street

Cincinnati, OH, US 45202

(Street and Number)

(City or Town, State, Country and Zip Code)

513-361-9000

(Area Code) (Telephone Number)

Mail Address

Post Office Box 5420

Cincinnati, OH, US 45201

(Street and Number or P.O. Box)

(City or Town, State, Country and Zip Code)

Primary Location of Books and Records

191 Rosa Parks Street

Cincinnati, OH, US 45202

(Street and Number)

(City or Town, State, Country and Zip Code)

513-361-9000

(Area Code) (Telephone Number)

Internet Website Address

www.massmutualascend.com

Statutory Statement Contact

Robert Mayhew Earle II

513-361-9077

(Name)

(Area Code) (Telephone Number)

rearle@mmascend.com

513-345-9484

(E-mail Address)

(FAX Number)

OFFICERS

Mark Francis Muething	Brian Patrick Sponaugle
John Paul Gruber	Isaac Cezar Hall

OTHER

Dominic Lusean Blue	Donna Marie Carrelli	Michael Harrison Haney
---------------------	----------------------	------------------------

DIRECTORS OR TRUSTEES

Dominic Lusean Blue	Elizabeth Ward Chicares	Susan Marie Cicco
Geoffrey James Craddock	Roger William Crandall	Vy Ho #
Paul Anthony LaPiana	Sears Andrew Merritt	Mark Francis Muething
Michael James O'Connor	Eric William Partlan	

State of

Ohio

County of

Hamilton

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.

Mark Francis Muething

John Paul Gruber

Brian Patrick Sponaugle

President

Secretary

Treasurer

Subscribed and sworn to before me this

day of

February 2025

a. Is this an original filing?

b. If no,

1. State the amendment number.....

2. Date filed

3. Number of pages attached.....

Yes [X] No []

OFFICERS AND DIRECTORS WHO DID NOT OCCUPY THE INDICATED POSITION IN THE PREVIOUS ANNUAL STATEMENT



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Alabama DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members					Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....15,785							0	0	0	0		0
3. Term .....162,436							0	101,000	13,900	0		114,900
4. Indexed							0					0
5. Universal .....28,658							0	50,000	0	0		50,000
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	206,879	0	0	0	0	0	0	151,000	13,900	0	0	164,900
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....50,829,793							0	14,731,458		49,045,495		63,776,953
21. Indexed .....90,208,919							0	15,219,501		82,650,260		97,869,761
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	294,557		0		294,557
25. Other							0					0
26. Total Individual Annuities	141,038,712	0	0	0	0	0	0	30,245,516	0	131,695,755	0	161,941,271
Group Annuities												
27. Fixed .....2,359							0	33,550		250,968		284,519
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	829,129		0		829,129
32. Other							0					0
33. Total Group Annuities	2,359	0	0	0	0	0	0	862,680	0	250,968	0	1,113,648
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	17,163						0	XXX	XXX	XXX	15,190	15,190
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	12,787						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	29,950	0	0	0	0	0	0	XXX	XXX	XXX	15,190	15,190
47. Total	141,277,900 (c)	0	0	0	0	0	0	31,259,196	13,900	131,946,724	15,190	163,235,010

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Alabama		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		1,000	0	0	0	0	0	0	0	1,000	0	0	0	(134)	30	253,641	
3. Term		1,214,900	1	114,900	0	0	0	0	1	114,900	1,100,000	0	0	(19)	85	22,831,200	
4. Indexed									0	0	0						
5. Universal		50,000	2	50,000	0	0	0	0	2	50,000	0	0	0	(1)	39	4,442,516	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		1,265,900	3	164,900	0	0	0	0	3	164,900	1,101,000	0	0	(20)	154	27,527,357	
Group Life																	
12. Whole		0	0	0	0	0	0	0	0	0	0	0	0	167	7	33,289	
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	167	7	33,289	
Individual Annuities																	
20. Fixed		15,652,091	163	13,664,744					163	13,664,744	5,420,924	369	54,430,925	(722)	4,226	415,291,815	
21. Indexed		14,579,995	119	14,921,635					119	14,921,635	2,775,865	681	92,352,096	(766)	5,250	674,246,687	
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		103,928	2	103,928					2	103,928	0	8	143,873	(5)	49	1,494,580	
25. Other									0	0	0	12	1,453,725	(13)	61	3,427,858	
26. Total Individual Annuities		30,336,014	284	28,690,307	0	0	0	0	284	28,690,307	8,196,788	1,070	148,380,620	(1,506)	9,586	1,094,460,940	
Group Annuities																	
27. Fixed		26,698	1	33,550					1	33,550	0	0	0	2	86	1,765,026	
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(8)	187	9,322,164	
32. Other									0	0	0	0	0	0	0	0	
33. Total Group Annuities		26,698	1	33,550	0	0	0	0	1	33,550	0	0	0	(6)	273	11,087,190	
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	3	17,163	
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	680	6	12,787	
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	9	29,950	
47. Total		31,628,611	288	28,888,757	0	0	0	0	288	28,888,757	9,297,788	1,070	148,380,620	(1,532)	10,029	1,133,138,726	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____. Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____.

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____.

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____ 0.

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____.

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____.



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Alaska		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	0						0	0	0	0		0
Term	1,944						0	0	0	0		0
Indexed							0					0
Universal	3,849						0	0	0	0		0
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	5,793	0	0	0	0	0	0	0	0	0	0	0
Group Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	1,866,838						0	391,917		269,187		661,104
Indexed	4,313,696						0	995,193		1,345,394		2,340,587
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	31,751		0		31,751
Other							0					0
Total Individual Annuities	6,180,534	0	0	0	0	0	0	1,418,861	0	1,614,580	0	3,033,441
Group Annuities												
Fixed	0						0	25,760		0		25,760
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	29,633		0		29,633
Other							0					0
Total Group Annuities	0	0	0	0	0	0	0	55,393	0	0	0	55,393
Accident and Health												
Comprehensive individual	(d)						0	XXX	XXX	XXX		0
Comprehensive group	(d)						0	XXX	XXX	XXX		0
Medicare Supplement	(d)	0					0	XXX	XXX	XXX	0	0
Vision only	(d)						0	XXX	XXX	XXX		0
Dental only	(d)						0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income	(d)	0					0	XXX	XXX	XXX		0
Long-term care	(d)	0					0	XXX	XXX	XXX	0	0
Other health	(d)	0					0	XXX	XXX	XXX		0
Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
Total	6,186,327 (c)	0	0	0	0	0	0	1,474,254	0	1,614,580	0	3,088,834

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Alaska		DURING THE YEAR		2024		NAIC Company Code		63312				
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Claims Settled During Current Year		Total Settled During Current Year		23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount		27 Number of Pols/ Certs	28 Amount					
			Totals Paid		Reduction by Compromise									Amount Rejected				
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount								18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount	
Individual Life																		
1. Industrial																		
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	2	11,842		
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	4	800,000			
4. Indexed																		
5. Universal		0	0	0	0	0	0	0	0	0	0	0	2	301,700	11	946,374		
6. Universal with secondary guarantees																		
7. Variable																		
8. Variable universal																		
9. Credit																		
10. Other																		
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	1	201,700	17	1,758,216		
Group Life																		
12. Whole		0	0	0				0	0	0	0	0	0	0	0	0		
13. Term								0	0	0								
14. Universal								0	0	0								
15. Variable								0	0	0								
16. Variable universal								0	0	0								
17. Credit								0	0	0								
18. Other								0	0	0						(a)		
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Individual Annuities																		
20. Fixed		242,761	0	242,761				0	242,761	0	5	721,122	(3)	(117,531)	56	6,283,821		
21. Indexed		910,914	2	910,914				2	910,914	0	8	2,687,947	(10)	(549,344)	82	11,478,595		
22. Variable with guarantees								0	0	0								
23. Variable without guarantees								0	0	0								
24. Life contingent payout		0	0	0				0	0	0	0	0	0	(12,596)	3	217,203		
25. Other								0	0	0	2	162,234	(2)	(106,259)	11	524,934		
26. Total Individual Annuities		1,153,676	2	1,153,676	0	0	0	2	1,153,676	0	15	3,571,304	(15)	(785,730)	152	18,504,554		
Group Annuities																		
27. Fixed		25,760	0	25,760				0	25,760	0	0	0	1	4,065	7	39,776		
28. Indexed								0	0	0								
29. Variable with guarantees								0	0	0								
30. Variable without guarantees								0	0	0								
31. Life contingent payout								0	0	0	0	0	(1)	(21,720)	9	369,463		
32. Other								0	0	0	0	0	0	0	0	0		
33. Total Group Annuities		25,760	0	25,760	0	0	0	0	25,760	0	0	0	0	(17,655)	16	409,238		
Accident and Health																		
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
47. Total			1,179,436	2	1,179,436	0	0	0	0	2	1,179,436	0	15	3,571,304	(14)	(601,685)	185	20,672,000

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Arizona		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	16,417						0	9,564	0	8,032		17,596
Term	249,569						0	121,000	105,700	0		226,700
Indexed							0					0
Universal	156,909						0	10,000	0	68,831		78,831
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	422,895	0	0	0	0	0	0	140,564	105,700	76,863	0	323,127
Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	46,379,642						0	12,215,438		21,529,844		33,745,282
Indexed	127,703,977						0	18,843,954		98,394,832		117,238,786
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	66,241						0	649,869		108,630		758,500
Other							0					0
Total Individual Annuities	174,149,860	0	0	0	0	0	0	31,709,262	0	120,033,306	0	151,742,568
Annuities												
Fixed	29,305						0	184,103		1,523,299		1,707,402
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	(14,131)						0	1,149,928		0		1,149,928
Other							0					0
Total Group Annuities	15,174	0	0	0	0	0	0	1,334,031	0	1,523,299	0	2,857,331
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	7,426						0	XXX	XXX	XXX	13,138	13,138
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (d)	13,311						0	XXX	XXX	XXX	0	0
Other health (d)	25						0	XXX	XXX	XXX		0
Total Accident and Health	20,762	0	0	0	0	0	0	XXX	XXX	XXX	13,138	13,138
Total	174,608,691 (c)	0	0	0	0	0	0	33,183,857	105,700	121,633,468	13,138	154,936,163

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Arizona		DURING THE YEAR		2024		NAIC Company Code		63312				
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit						
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																		
1. Industrial									0	0	0							
2. Whole		7,098		9,564	0	0	0	0	4	9,564	1,421	0	0	(6)	(110,298)	63	500,953	
3. Term		226,700	2	226,700	0	0	0	0	2	226,700	0	0	0	(27)	(11,182,000)	191	49,760,000	
4. Indexed									0	0	0							
5. Universal		101,000	1	10,000	0	0	0	0	1	10,000	101,000	0	0	(8)	(925,364)	148	21,273,272	
6. Universal with secondary guarantees									0	0	0							
7. Variable									0	0	0							
8. Variable universal									0	0	0							
9. Credit									0	0	0							
10. Other									0	0	0							
11. Total Individual Life		334,798	7	246,264	0	0	0	0	7	246,264	102,421	0	0	(41)	(12,217,662)	402	71,534,225	
Group Life																		
12. Whole		0	0	0					0	0	0	0	0	0	69	10	16,195	
13. Term									0	0	0							
14. Universal									0	0	0							
15. Variable									0	0	0							
16. Variable universal									0	0	0							
17. Credit									0	0	0							
18. Other									0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	69	10	16,195		
Individual Annuities																		
20. Fixed		10,145,733	68	9,161,396					68	9,161,396	2,543,219	266	47,982,115	(255)	(30,416,326)	2,071	256,857,617	
21. Indexed		17,691,726	153	18,272,395					153	18,272,395	4,842,063	795	131,709,520	(793)	(85,815,432)	4,548	625,762,637	
22. Variable with guarantees									0	0	0							
23. Variable without guarantees									0	0	0							
24. Life contingent payout		0	0	0					0	0	0	5	204,291	(11)	(656,753)	107	3,929,259	
25. Other									0	0	0	19	2,132,929	(40)	(2,184,881)	162	7,371,811	
26. Total Individual Annuities		27,837,458	221	27,433,792	0	0	0	0	221	27,433,792	7,385,282	1,085	182,028,856	(1,099)	(119,073,391)	6,888	893,921,324	
Group Annuities																		
27. Fixed		170,356	4	184,103					4	184,103	0	0	0	(32)	(1,184,700)	565	12,421,275	
28. Indexed									0	0	0							
29. Variable with guarantees									0	0	0							
30. Variable without guarantees									0	0	0							
31. Life contingent payout									0	0	0	0	0	(12)	(975,659)	399	15,061,414	
32. Other									0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		170,356	4	184,103	0	0	0	0	4	184,103	0	0	0	(44)	(2,160,358)	964	27,482,689	
Accident and Health																		
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			1	7,426	1	7,426	
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0	
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	6	13,311	
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	1	25	
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	1	7,426	8	20,762	
47. Total			28,342,612	232	27,864,159	0	0	0	0	232	27,864,159	7,487,703	1,085	182,028,856	(1,183)	(133,443,916)	8,272	992,975,195

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____313,245 Group: \$ _____ Total: \$ _____313,245

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF Arkansas

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members					Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	7,257						0	0	0	0		0
3. Term	104,896						0	300,000	0	0		300,000
4. Indexed							0					0
5. Universal	29,185						0	0	0	2,954		2,954
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	141,338	0	0	0	0	0	0	300,000	0	2,954	0	302,954
Group Life												
12. Whole							0	56,780	4,371	1,302		62,453
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	56,780	4,371	1,302	0	62,453
Individual Annuities												
20. Fixed	12,194,040						0	4,139,774		6,747,846		10,887,620
21. Indexed	56,080,704						0	7,115,913		25,977,162		33,093,075
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	309,901						0	233,472		0		233,472
25. Other							0					0
26. Total Individual Annuities	68,584,645	0	0	0	0	0	0	11,489,159	0	32,725,008	0	44,214,167
Group Annuities												
27. Fixed	550						0	8,130		9,365		17,495
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	(150,842)						0	511,870		10,721		522,591
32. Other							0					0
33. Total Group Annuities	(150,292)	0	0	0	0	0	0	520,000	0	20,086	0	540,086
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d) (e)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	1,348						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	1,348	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	68,577,039 (c)	0	0	0	0	0	0	12,365,939	4,371	32,749,350	0	45,119,660

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Arkansas		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole .....0		0	0	0	0	0	0	0	0	0	1	35,000	(1)	(9,992)	17	174,698	
3. Term .....0		1	300,000	0	0	0	0	0	1	300,000	0	0	(10)	(4,275,000)	69	13,331,000	
4. Indexed									0	0							
5. Universal .....0		0	0	0	0	0	0	0	0	0	0	0	(1)	(82,065)	40	4,730,243	
6. Universal with secondary guarantees									0	0							
7. Variable									0	0							
8. Variable universal									0	0							
9. Credit									0	0							
10. Other									0	0							
11. Total Individual Life		0	1	300,000	0	0	0	0	1	300,000	0	1	35,000	(12)	(4,367,057)	126	18,235,941
Group Life																	
12. Whole .....61,151			8	61,151					8	61,151	0	0	(9)	(58,342)	170	762,046	
13. Term									0	0							
14. Universal									0	0							
15. Variable									0	0							
16. Variable universal									0	0							
17. Credit									0	0							
18. Other									0	0						(a)	
19. Total Group Life		61,151	8	61,151	0	0	0	0	8	61,151	0	0	0	(9)	(58,342)	170	762,046
Individual Annuities																	
20. Fixed .....4,104,012			35	3,521,784					35	3,521,784	614,255	126	12,234,090	(156)	(8,577,724)	1,116	85,355,488
21. Indexed .....6,709,802			59	6,963,660					59	6,963,660	1,039,334	342	54,254,256	(263)	(17,886,124)	1,890	258,160,935
22. Variable with guarantees									0	0							
23. Variable without guarantees									0	0							
24. Life contingent payout .....179,908			2	179,908					2	179,908	0	4	897,235	(1)	(196,837)	11	995,451
25. Other									0	0		6	445,059	(4)	(386,084)	40	2,446,476
26. Total Individual Annuities		10,993,722	96	10,665,351	0	0	0	0	96	10,665,351	1,653,589	478	67,830,640	(424)	(27,046,769)	3,057	346,958,350
Group Annuities																	
27. Fixed .....0			0	0					0	0	0	0	0	0	15,150	45	641,924
28. Indexed									0	0							
29. Variable with guarantees									0	0							
30. Variable without guarantees									0	0							
31. Life contingent payout									0	0		0	0	(5)	(526,204)	168	5,989,676
32. Other									0	0		0	0	0	(7,750)	2	6,897
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(5)	(518,804)	215	6,638,497
Accident and Health																	
34. Comprehensive individual .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
37. Vision only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
44. Long-term care .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	4	
45. Other health .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	4	
47. Total		11,054,873	105	11,026,502	0	0	0	0	105	11,026,502	1,653,589	479	67,865,640	(450)	(31,990,972)	3,572	372,596,182

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 372,084 Group: \$ Total: \$ 372,084

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF California DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 131,318							0	68,457	0	6,752		75,209
3. Term 2,364,834							0	2,279,240	327,100	0		2,606,340
4. Indexed							0					0
5. Universal 1,600,869							0	1,419,042	0	914,914		2,333,956
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	4,097,021	0	0	0	0	0	0	3,766,739	327,100	921,666	0	5,015,505
Group Life												
12. Whole							0	8,112	0	0		8,112
13. Term							0		0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	8,112	0	0	0	8,112
Individual Annuities												
20. Fixed 534,574,938							0	68,645,709		146,618,359		215,264,069
21. Indexed 522,638,790							0	57,584,515		374,198,098		431,782,613
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout 782,228							0	3,607,881		24,070		3,631,951
25. Other							0					0
26. Total Individual Annuities	1,057,995,956	0	0	0	0	0	0	129,838,106	0	520,840,528	0	650,678,633
Group Annuities												
27. Fixed 1,655,030							0	3,165,078		18,698,506		21,863,584
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout (9,637)							0	3,842,232		3,194		3,845,426
32. Other							0					0
33. Total Group Annuities	1,645,393	0	0	0	0	0	0	7,007,310	0	18,701,700	0	25,709,010
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	8,145						0	XXX	XXX	XXX	6	6
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	345						0	XXX	XXX	XXX	7,130	7,130
44. Long-term care (d)	10,554						0	XXX	XXX	XXX		0
45. Other health (d)	148						0	XXX	XXX	XXX		0
46. Total Accident and Health	19,192	0	0	0	0	0	0	XXX	XXX	XXX	7,136	7,136
47. Total	1,063,757,562 (c)	0	0	0	0	0	0	140,620,267	327,100	540,463,893	7,136	681,418,396

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		California		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year				Total Settled During Current Year					Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected					23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		49,162	11	68,697	0	0	0	0	11	68,697	3,020	3	60,000	(24)	(382,042)	375	7,274,514
3. Term		2,546,100	12	2,606,100	0	0	0	0	12	2,606,100	100,000	0	0	(133)	(43,823,400)	2,027	559,111,740
4. Indexed									0	0	0						
5. Universal		1,479,042	13	1,419,042	0	0	0	0	13	1,419,042	200,000	0	20,000	(83)	(12,989,922)	1,832	294,166,518
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		4,074,305	36	4,093,839	0	0	0	0	36	4,093,839	303,020	3	80,000	(240)	(57,195,364)	4,234	860,552,772
Group Life																	
12. Whole		8,112	1	8,112					1	8,112	0	0	0	(1)	(7,933)	6	24,896
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0					(a)	
18. Other									0	0	0						
19. Total Group Life		8,112	1	8,112	0	0	0	0	1	8,112	0	0	0	(1)	(7,933)	6	24,896
Individual Annuities																	
20. Fixed		52,371,192	438	53,282,640					438	53,282,640	13,567,311	2,874	598,086,005	(1,977)	(221,714,254)	16,907	2,033,140,011
21. Indexed		55,554,205	413	55,392,935					413	55,392,935	17,285,204	3,075	565,065,457	(3,373)	(370,934,902)	17,440	2,507,397,006
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		113,623	13	113,623					13	113,623	0	54	4,191,979	(54)	(2,619,152)	614	27,384,654
25. Other									0	0	0	237	14,521,462	(275)	(14,780,905)	1,205	44,320,064
26. Total Individual Annuities		108,039,020	864	108,789,197	0	0	0	0	864	108,789,197	30,852,515	6,240	1,181,864,902	(5,679)	(610,049,212)	36,166	4,612,241,735
Group Annuities																	
27. Fixed		2,081,218	89	3,163,497					89	3,163,497	713,980	0	0	(547)	(15,885,599)	7,060	197,842,520
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(51)	(2,606,594)	1,755	55,669,422
32. Other									0	0	0	0	0	(1)	(9,479)	1	169,430
33. Total Group Annuities		2,081,218	89	3,163,497	0	0	0	0	89	3,163,497	713,980	0	0	(599)	(18,501,672)	8,816	253,681,371
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	704	1	8,145
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0		0	3	345
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	7	2,817	1	2,817	7	10,737
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(1)	0	2	149
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	3,521	13	19,376
47. Total		114,202,655	990	116,054,645	0	0	0	0	990	116,054,645	31,869,514	6,243	1,181,944,902	(6,519)	(685,750,660)	49,235	5,726,520,151

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 1,287,352 Group: \$ _____ Total: \$ _____ 1,287,352

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Colorado DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	6,382						0	30,309	(1,910)	3,629		32,028
3. Term	139,380						0	0	5,937	0		5,937
4. Indexed							0					0
5. Universal	47,351						0	0	0	46,934		46,934
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	193,113	0	0	0	0	0	0	30,309	4,027	50,562	0	84,898
Group Life												
12. Whole							0	30,260	0	0		30,260
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	30,260	0	0	0	30,260
Individual Annuities												
20. Fixed	35,627,658						0	6,591,208		12,917,219		19,508,426
21. Indexed	81,238,822						0	9,112,192		66,614,688		75,726,879
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	123,331						0	391,927		0		391,927
25. Other							0					0
26. Total Individual Annuities	116,969,811	0	0	0	0	0	0	16,095,327	0	79,531,906	0	95,627,233
Group Annuities												
27. Fixed	0						0	44,653		143,712		188,365
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	430,850		38,789		469,640
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	475,503	0	182,502	0	658,005
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	5,387						0	XXX	XXX	XXX	1,170	1,170
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	72,487						0	XXX	XXX	XXX	371,892	371,892
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	77,874	0	0	0	0	0	0	XXX	XXX	XXX	373,062	373,062
47. Total	117,260,798 (c)	0	0	0	0	0	0	16,631,399	4,027	79,764,970	373,062	96,773,458

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Colorado		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		28,399	3	28,399	0	0	0	0	3	28,399	0	0	0	(2)	(18,221)	18	104,680
3. Term		5,937	0	5,937	0	0	0	0	0	5,937	0	0	0	(12)	(6,736,000)	99	25,711,001
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	61,547	54	7,514,673	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		34,336	3	34,336	0	0	0	0	3	34,336	0	0	0	(14)	(6,692,674)	171	33,330,354
Group Life																	
12. Whole		30,260	5	30,260					5	30,260	0	0	0	(4)	(25,474)	126	503,200
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		30,260	5	30,260	0	0	0	0	5	30,260	0	0	0	(4)	(25,474)	126	503,200
Individual Annuities																	
20. Fixed		3,216,902	16	3,515,068					16	3,515,068	78,702	191	38,601,617	(130)	(20,571,017)	920	140,514,312
21. Indexed		8,512,703	61	8,431,724					61	8,431,724	1,688,885	418	79,529,273	(464)	(54,780,655)	2,634	374,593,827
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	3	303,943	1	(168,428)	44	2,701,333
25. Other									0	0	0	22	1,853,838	(21)	(3,214,750)	142	6,994,160
26. Total Individual Annuities		11,729,605	77	11,946,792	0	0	0	0	77	11,946,792	1,767,588	634	120,288,671	(614)	(78,734,851)	3,740	524,803,633
Group Annuities																	
27. Fixed		44,653	2	44,653					2	44,653	0	0	0	(4)	(62,548)	210	3,252,403
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(4)	(227,250)	183	6,029,854
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		44,653	2	44,653	0	0	0	0	2	44,653	0	0	0	(8)	(289,798)	393	9,282,257
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	433	1	5,387
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(4)	(4,024)	48	99,969
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(4)	(3,591)	49	105,356
47. Total		11,838,853	87	12,056,041	0	0	0	0	87	12,056,041	1,767,588	634	120,288,671	(644)	(85,746,388)	4,479	568,024,799

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____0 Group: \$ _____ Total: \$ _____0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Connecticut DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....35,123								45,000	0	17,593		62,593
3. Term .....208,991							0	0	0	225,226		225,226
4. Indexed							0					0
5. Universal .....41,623							0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	285,737	0	0	0	0	0	0	45,000	0	242,820	0	287,820
Group Life												
12. Whole							0	199,978	9,440	2,546		211,964
13. Term .....0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	199,978	9,440	2,546	0	211,964
Individual Annuities												
20. Fixed .....36,368,931							0	13,311,944		14,933,044		28,244,988
21. Indexed .....135,065,391							0	10,595,432		97,122,643		107,718,075
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....140,081							0	2,394,218		1,111,289		3,505,507
25. Other							0					0
26. Total Individual Annuities	171,574,403	0	0	0	0	0	0	26,301,593	0	113,166,977	0	139,468,570
Group Annuities												
27. Fixed .....13,613							0	0		72,982		72,982
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....(117,446)							0	1,267,870		27,901		1,295,771
32. Other							0					0
33. Total Group Annuities	(103,833)	0	0	0	0	0	0	1,267,870	0	100,883	0	1,368,754
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	61						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	2,519						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	180						0	XXX	XXX	XXX		0
46. Total Accident and Health	2,760	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	171,759,067 (c)	0	0	0	0	0	0	27,814,442	9,440	113,513,226	0	141,337,107

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Connecticut		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28		
		14	15	16	17	18	19	20	21	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount			
		Incurred During Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount									
Individual Life																			
1. Industrial									0	0	0								
2. Whole		50,000	7	45,000	0	0	0	0	7	45,000	5,000	0	0	(33)	(1,506,753)	321	6,885,410		
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(12)	(6,942,000)	94	27,757,000		
4. Indexed									0	0	0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	2,714	47	6,646,351		
6. Universal with secondary guarantees									0	0	0	0	0						
7. Variable									0	0	0	0	0						
8. Variable universal									0	0	0	0	0						
9. Credit									0	0	0	0	0						
10. Other									0	0	0	0	0						
11. Total Individual Life		50,000	7	45,000	0	0	0	0	7	45,000	5,000	0	0	(45)	(8,446,039)	462	41,288,761		
Group Life																			
12. Whole		196,831	32	209,418					32	209,418	154	0	0	(33)	(200,338)	351	1,998,441		
13. Term									0	0	0	0	0						
14. Universal									0	0	0	0	0						
15. Variable									0	0	0	0	0						
16. Variable universal									0	0	0	0	0						
17. Credit									0	0	0	0	0						
18. Other									0	0	0	0	0				(a)		
19. Total Group Life		196,831	32	209,418	0	0	0	0	32	209,418	154	0	0	(33)	(200,338)	351	1,998,441		
Individual Annuities																			
20. Fixed		8,471,320	90	8,893,557					90	8,893,557	1,246,458	187	33,880,898	(294)	(15,641,053)	3,045	303,869,184		
21. Indexed		9,506,528	103	10,062,110					103	10,062,110	2,019,175	868	145,773,435	(888)	(73,929,771)	5,391	702,502,966		
22. Variable with guarantees									0	0	0	0	0						
23. Variable without guarantees									0	0	0	0	0						
24. Life contingent payout		72,146	2	72,146					2	72,146	0	7	707,105	(14)	(1,727,635)	175	15,452,782		
25. Other									0	0	0	56	3,416,045	(58)	(3,706,790)	289	13,224,815		
26. Total Individual Annuities		18,049,994	195	19,027,813	0	0	0	0	195	19,027,813	3,265,632	1,118	183,777,483	(1,254)	(95,005,248)	8,900	1,035,049,747		
Group Annuities																			
27. Fixed		73,332	1	0					1	0	83,305	0	0	(3)	(244,521)	87	2,321,657		
28. Indexed									0	0	0	0	0						
29. Variable with guarantees									0	0	0	0	0						
30. Variable without guarantees									0	0	0	0	0						
31. Life contingent payout									0	0	0	0	0	(12)	(949,074)	351	16,105,929		
32. Other									0	0	0	0	0	0	(4,168)	1	5,701		
33. Total Group Annuities		73,332	1	0	0	0	0	0	1	0	83,305	0	0	(15)	(1,197,763)	439	18,433,287		
Accident and Health																			
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0		
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	(21)	0	0	61		
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	1	2,519		
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	3	180		
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	(21)	4	2,760		
47. Total		18,370,156	235	19,282,231	0	0	0	0	235	19,282,231	3,354,091	1,118	183,777,483	(1,347)	(104,849,409)	10,156	1,096,772,995		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 624,578 Group: \$ Total: \$ 624,578

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Delaware		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	1,488						0	0	0	0		0
Term	26,600						0	0	0	0		0
Indexed							0					0
Universal	11,201						0	0	0	0		0
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	39,289	0	0	0	0	0	0	0	0	0	0	0
Group Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	12,977,899						0	3,191,279		12,070,849		15,262,128
Indexed	13,570,131						0	2,861,921		30,695,105		33,557,025
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	124		0		124
Other							0					0
Total Individual Annuities	26,548,030	0	0	0	0	0	0	6,053,323	0	42,765,954	0	48,819,277
Group Annuities												
Fixed	0						0	0		261,890		261,890
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	173,556		0		173,556
Other							0					0
Total Group Annuities	0	0	0	0	0	0	0	173,556	0	261,890	0	435,446
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (d)	0						0	XXX	XXX	XXX	0	0
Other health (d)	0						0	XXX	XXX	XXX		0
Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
Total	26,587,319 (c)	0	0	0	0	0	0	6,226,879	0	43,027,844	0	49,254,723

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Delaware		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28		
		14	15	16	17	18	19	20	21	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																			
1. Industrial																			
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	5	98,406			
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(6)	36	7,399,300			
4. Indexed																			
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(833)	12	858,430			
6. Universal with secondary guarantees																			
7. Variable																			
8. Variable universal																			
9. Credit																			
10. Other																			
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	(6)	53	8,356,136			
Group Life																			
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0		
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0								
18. Other									0	0	0						(a)		
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Individual Annuities																			
20. Fixed		2,329,153	23	2,825,446					23	2,825,446	107,381	94	13,899,307	(93)	(12,056,161)	729	93,935,059		
21. Indexed		3,089,291	21	2,801,326					21	2,801,326	429,960	93	15,512,716	(249)	(26,470,989)	1,018	123,751,408		
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		0	0	0					0	0	0	3	57,239	(2)	(7,280)	1	49,959		
25. Other									0	0	0	2	286,536	(7)	(322,843)	22	967,679		
26. Total Individual Annuities		5,418,444	44	5,626,771	0	0	0	0	44	5,626,771	537,342	192	29,755,798	(351)	(38,857,273)	1,770	218,704,105		
Group Annuities																			
27. Fixed		0	0	0					0	0	0	0	0	0	(334,689)	25	766,355		
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0	0	0	(1)	(128,436)	44	1,991,712		
32. Other									0	0	0	0	0	0	0	0	0		
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(463,125)	69	2,758,068		
Accident and Health																			
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
47. Total		5,418,444	44	5,626,771	0	0	0	0	44	5,626,771	537,342	192	29,755,798	(358)	(41,821,230)	1,892	229,818,308		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF District of Columbia DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0	0	0	0		0
2. Whole .....1,731							0	0	0	0		0
3. Term .....4,487							0	0	0	0		0
4. Indexed							0					0
5. Universal .....15,520							0	0	0	143		143
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	21,738	0	0	0	0	0	0	0	0	143	0	143
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....1,453,649							0	444,709		1,084,100		1,528,810
21. Indexed .....5,011,696							0	389,619		3,772,470		4,162,089
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	36,433		0		36,433
25. Other							0					0
26. Total Individual Annuities	6,465,345	0	0	0	0	0	0	870,761	0	4,856,571	0	5,727,332
Group Annuities												
27. Fixed	0						0	0		0		0
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	25,362		0		25,362
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	25,362	0	0	0	25,362
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)							0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	6,487,083 (c)	0	0	0	0	0	0	896,123	0	4,856,714	0	5,752,837

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		District of Columbia		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial									0	0	0						
2. Whole		0	0	0	0	0	0	0	0	0	0	1	15,000	(1)	(15,000)	10	135,429
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(400,000)	5	1,550,000
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(64,225)	22	2,921,377
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	1	15,000	(3)	(479,225)	37	4,606,806
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities																	
20. Fixed		361,794	5	439,215					5	439,215	34,474	16	1,557,607	(17)	(577,835)	136	12,260,568
21. Indexed		(37,902)	3	383,606					3	383,606	0	20	4,880,894	(16)	(2,654,981)	154	24,058,006
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	1	21,848	0	(12,702)	5	246,265
25. Other									0	0	0	0	0	0	(4,578)	2	23,113
26. Total Individual Annuities		323,892	8	822,821	0	0	0	0	8	822,821	34,474	37	6,460,349	(33)	(3,250,096)	297	36,587,953
Group Annuities																	
27. Fixed		24,684	0	0					0	0	24,684	0	0	1	3,503	8	32,213
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(1)	(128,191)	3	247,018
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		24,684	0	0	0	0	0	0	0	0	24,684	0	0	0	(124,688)	11	279,231
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
47. Total		348,577	8	822,821	0	0	0	0	8	822,821	59,158	38	6,475,349	(36)	(3,854,009)	345	41,473,990

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Florida		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	99,551						0	191,675	0	28,606		220,281
Term	824,687						0	510,000	97,300	0		607,300
Indexed							0					0
Universal	512,054						0	422,392	0	329,736		752,128
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	1,436,292	0	0	0	0	0	0	1,124,067	97,300	358,341	0	1,579,708
Life												
Whole							0	0	0	0		0
Term							0	10,000	0	0		10,000
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	10,000	0	0	0	10,000
Annuities												
Fixed	317,640,605						0	43,378,929		150,544,180		193,923,109
Indexed	540,947,753						0	57,683,254		461,930,604		519,613,858
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	29,745						0	2,540,408		0		2,540,408
Other							0					0
Total Individual Annuities	858,618,103	0	0	0	0	0	0	103,602,591	0	612,474,784	0	716,077,376
Annuities												
Fixed	442,734						0	971,218		6,305,192		7,276,410
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	4,942						0	5,547,194		44,842		5,592,036
Other							0					0
Total Group Annuities	447,676	0	0	0	0	0	0	6,518,411	0	6,350,034	0	12,868,445
Accident and Health												
Comprehensive individual	(d)						0	XXX	XXX	XXX		0
Comprehensive group	(d)						0	XXX	XXX	XXX		0
Medicare Supplement	(d)	226,551					0	XXX	XXX	XXX	224,297	224,297
Vision only	(d)						0	XXX	XXX	XXX		0
Dental only	(d)						0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income	(d)	82					0	XXX	XXX	XXX		0
Long-term care	(d)	32,133					0	XXX	XXX	XXX	185,876	185,876
Other health	(d)	140					0	XXX	XXX	XXX		0
Total Accident and Health		258,906	0	0	0	0	0	XXX	XXX	XXX	410,173	410,173
Total	860,760,977 (c)	0	0	0	0	0	0	111,255,070	97,300	619,183,160	410,173	730,945,703

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Florida		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		171,476	20	201,675	0	0	0	0	20	201,675	18,343	0	0	(28)	(367,329)	251	3,870,250
3. Term		557,300	5	607,300	0	0	0	0	5	607,300	0	0	20,000	(59)	(20,378,569)	658	170,345,168
4. Indexed									0	0	0						
5. Universal		547,392	4	422,392	0	0	0	0	4	422,392	125,000	0	0	(31)	(6,473,793)	569	81,589,765
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		1,276,168	29	1,231,367	0	0	0	0	29	1,231,367	143,343	0	20,000	(118)	(27,219,691)	1,478	255,805,183
Group Life																	
12. Whole		6,475	0	0					0	0	6,475	0	0	0	853	33	153,332
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		6,475	0	0	0	0	0	0	0	6,475	0	0	0	853	33	153,332	
Individual Annuities																	
20. Fixed		30,099,170	386	32,358,101					386	32,358,101	6,782,693	1,682	339,643,088	(1,819)	(169,121,237)	11,574	1,497,363,734
21. Indexed		50,016,452	498	55,877,489					498	55,877,489	13,806,765	2,860	502,975,425	(3,653)	(345,471,023)	20,157	2,772,918,478
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		369,773	15	369,773					15	369,773	0	40	2,080,168	(38)	(1,733,161)	361	16,609,544
25. Other									0	0	0	150	10,587,451	(146)	(8,579,355)	731	32,503,350
26. Total Individual Annuities		80,485,395	899	88,605,363	0	0	0	0	899	88,605,363	20,589,458	4,732	855,286,133	(5,656)	(524,904,776)	32,823	4,319,395,106
Group Annuities																	
27. Fixed		881,830	36	968,904					36	968,904	83,699	0	0	(196)	(4,358,580)	2,793	70,632,615
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(39)	(3,426,258)	1,166	66,705,349
32. Other									0	0	0	0	0	(1)	18,205	2	296,382
33. Total Group Annuities		881,830	36	968,904	0	0	0	0	36	968,904	83,699	0	0	(236)	(7,766,634)	3,961	137,634,346
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(6)	(10,802)	65	226,551
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(82)	0	82
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			1	1,375	23	55,765
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	46	3	140
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(6)	(9,463)	91	282,538
47. Total		82,649,868	964	90,805,633	0	0	0	0	964	90,805,633	20,822,975	4,732	855,306,133	(6,016)	(559,899,709)	38,386	4,713,270,505

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____, 1,594,937 Group: \$ _____ Total: \$ _____, 1,594,937

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Georgia DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....59,127							0	50,210	0	(12,260)		37,950
3. Term .....324,464							0	301,000	0	0		301,000
4. Indexed							0					0
5. Universal .....240,414							0	50,000	0	67,400		117,400
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	624,005	0	0	0	0	0	0	401,210	0	55,140	0	456,350
Group Life												
12. Whole							0	6,695	0	0		6,695
13. Term .....0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	6,695	0	0	0	6,695
Individual Annuities												
20. Fixed .....54,226,377							0	13,547,127		47,350,374		60,897,501
21. Indexed .....218,762,190							0	21,592,638		106,542,273		128,134,911
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....0							0	306,871		0		306,871
25. Other							0					0
26. Total Individual Annuities	272,988,567	0	0	0	0	0	0	35,446,635	0	153,892,647	0	189,339,283
Group Annuities												
27. Fixed .....0							0	232,539		264,979		497,519
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....(61)							0	1,349,207		0		1,349,207
32. Other							0					0
33. Total Group Annuities	(61)	0	0	0	0	0	0	1,581,747	0	264,979	0	1,846,726
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	14,428						0	XXX	XXX	XXX	5,916	5,916
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	67,259						0	XXX	XXX	XXX	62,992	62,992
45. Other health .....(d)	215						0	XXX	XXX	XXX		0
46. Total Accident and Health	81,902	0	0	0	0	0	0	XXX	XXX	XXX	68,908	68,908
47. Total	273,694,413 (c)	0	0	0	0	0	0	37,436,287	0	154,212,767	68,908	191,717,962

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Georgia		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Claims Settled During Current Year		Total Settled During Current Year		23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount		27 Number of Pols/ Certs	28 Amount				
			Totals Paid		Reduction by Compromise									Amount Rejected			
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount								18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount
Individual Life																	
1. Industrial																	
2. Whole		100,210	8	100,210	0	0	0	0	8	100,210	5,000	0	0	(8)	(40,886)	120	1,394,192
3. Term		900,000	3	251,000	0	0	0	0	3	251,000	750,000	0	0	(22)	(7,173,000)	333	72,843,247
4. Indexed									0	0	0	0	0				
5. Universal		50,000	1	50,000	0	0	0	0	1	50,000	0	0	0	(12)	(968,746)	247	34,633,446
6. Universal with secondary guarantees									0	0	0	0	0				
7. Variable									0	0	0	0	0				
8. Variable universal									0	0	0	0	0				
9. Credit									0	0	0	0	0				
10. Other									0	0	0	0	0				
11. Total Individual Life		1,050,210	12	401,210	0	0	0	0	12	401,210	755,000	0	0	(42)	(8,182,632)	700	108,870,886
Group Life																	
12. Whole		6,695	1	6,695					1	6,695	0	0	0	(1)	(5,890)	18	97,195
13. Term									0	0	0	0	0				
14. Universal									0	0	0	0	0				
15. Variable									0	0	0	0	0				
16. Variable universal									0	0	0	0	0				
17. Credit									0	0	0	0	0				(a)
18. Other									0	0	0	0	0				
19. Total Group Life		6,695	1	6,695	0	0	0	0	1	6,695	0	0	0	(1)	(5,890)	18	97,195
Individual Annuities																	
20. Fixed		11,614,654	128	11,157,535					128	11,157,535	2,234,905	335	61,013,100	(641)	(57,645,016)	3,758	409,934,586
21. Indexed		21,405,612	144	21,135,835					144	21,135,835	5,010,980	1,316	223,575,983	(1,001)	(74,142,326)	7,332	956,749,069
22. Variable with guarantees									0	0	0	0	0				
23. Variable without guarantees									0	0	0	0	0				
24. Life contingent payout		0	0	0					0	0	0	10	566,192	(3)	(206,196)	49	2,632,037
25. Other									0	0	0	27	1,202,745	(20)	(1,633,165)	146	5,941,375
26. Total Individual Annuities		33,020,266	272	32,293,370	0	0	0	0	272	32,293,370	7,245,885	1,688	286,358,020	(1,665)	(133,626,703)	11,285	1,375,257,067
Group Annuities																	
27. Fixed		231,888	1	231,888					1	231,888	0	0	0	(7)	100,904	211	4,492,877
28. Indexed									0	0	0	0	0				
29. Variable with guarantees									0	0	0	0	0				
30. Variable without guarantees									0	0	0	0	0				
31. Life contingent payout									0	0	0	0	0	(18)	(846,808)	373	16,803,455
32. Other									0	0	0	0	0	0	(2,058)	3	112,530
33. Total Group Annuities		231,888	1	231,888	0	0	0	0	1	231,888	0	0	0	(25)	(747,962)	587	21,408,862
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	881	4	14,428
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(2)	(686)	34	78,372
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	1	215
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(2)	195	39	93,015
47. Total		34,309,059	286	32,933,163	0	0	0	0	286	32,933,163	8,000,885	1,688	286,358,020	(1,735)	(142,562,992)	12,629	1,505,727,020

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 278,987 Group: \$ Total: \$ 278,987

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Hawaii DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0	0	0	0		0
2. Whole 2,240							0	0	0	0		0
3. Term 61,175							0	50,000	0	0		50,000
4. Indexed							0					0
5. Universal 142,200							0	30,738	0	25,983		56,722
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	205,615	0	0	0	0	0	0	80,738	0	25,983	0	106,722
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed 44,352,858							0	5,870,206		19,029,348		24,899,554
21. Indexed 35,400,953							0	2,692,871		32,531,409		35,224,280
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	189,526		0		189,526
25. Other							0					0
26. Total Individual Annuities	79,753,811	0	0	0	0	0	0	8,752,603	0	51,560,757	0	60,313,360
Group Annuities												
27. Fixed 36,572							0	273,200		1,674,566		1,947,766
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	17,144						0	950,229		0		950,229
32. Other							0					0
33. Total Group Annuities	53,716	0	0	0	0	0	0	1,223,429	0	1,674,566	0	2,897,995
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	0						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	80,013,142 (c)	0	0	0	0	0	0	10,056,770	0	53,261,307	0	63,318,077

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Hawaii		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole .....0		0	0	0	0	0	0	0	0	0	0	0	(2)	(250,440)	14	798,054	
3. Term .....0		0	1	50,000	0	0	0	0	1	50,000	0	0	(3)	(1,161,100)	49	12,238,900	
4. Indexed									0	0	0						
5. Universal .....25,000		25,000	1	30,738	0	0	0	0	1	30,738	25,000	0	(5)	(362,015)	201	24,870,406	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		25,000	2	80,738	0	0	0	0	2	80,738	25,000	0	(10)	(1,773,555)	264	37,907,360	
Group Life																	
12. Whole .....0		0	0	0					0	0	0	0	0	0	0	0	
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Individual Annuities																	
20. Fixed .....4,256,392		4,256,392	39	4,807,726					39	4,807,726	373,412	222	45,219,725	(202)	(22,759,553)	1,968	191,175,008
21. Indexed .....3,546,170		3,546,170	15	2,668,762					15	2,668,762	1,284,188	214	34,777,421	(241)	(24,306,940)	1,802	232,232,731
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout .....0		0	0	0					0	0	0	0	(3)	(125,575)	37	1,418,417	
25. Other									0	0	0	15	501,062	(28)	(877,738)	125	2,719,295
26. Total Individual Annuities		7,802,561	54	7,476,488	0	0	0	0	54	7,476,488	1,657,600	451	80,498,208	(474)	(48,069,806)	3,932	427,545,451
Group Annuities																	
27. Fixed .....276,930		276,930	9	273,200					9	273,200	55,935	0	0	(46)	(1,272,909)	719	23,379,438
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	(9)	(725,651)	430	11,649,678	
32. Other									0	0	0	0	0	0	0	0	
33. Total Group Annuities		276,930	9	273,200	0	0	0	0	9	273,200	55,935	0	0	(55)	(1,998,560)	1,149	35,029,116
Accident and Health																	
34. Comprehensive individual .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
37. Vision only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
44. Long-term care .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
45. Other health .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	
47. Total		8,104,492	65	7,830,427	0	0	0	0	65	7,830,427	1,738,535	451	80,498,208	(539)	(51,841,921)	5,345	500,481,927

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____. Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____.

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____.

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____,76,086 Group: \$ _____ Total: \$ _____,76,086

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____.

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____.



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Idaho		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	520						0	4,275	0	0		4,275
Term	56,699						0	0	0	0		0
Indexed							0					0
Universal	13,801						0	0	0	0		0
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	71,020	0	0	0	0	0	0	4,275	0	0	0	4,275
Group Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	14,897,483						0	2,607,754		3,995,996		6,603,750
Indexed	31,829,249						0	5,270,534		26,475,913		31,746,447
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	456,521		0		456,521
Other							0					0
Total Individual Annuities	46,726,732	0	0	0	0	0	0	8,334,810	0	30,471,909	0	38,806,719
Group Annuities												
Fixed	5,775						0	17,924		250,450		268,375
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	2,350,194		0		2,350,194
Other							0					0
Total Group Annuities	5,775	0	0	0	0	0	0	2,368,118	0	250,450	0	2,618,568
Accident and Health												
Comprehensive individual	(d)						0	XXX	XXX	XXX		0
Comprehensive group	(d)						0	XXX	XXX	XXX		0
Medicare Supplement	(d)	0					0	XXX	XXX	XXX	0	0
Vision only	(d)						0	XXX	XXX	XXX		0
Dental only	(d)						0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income	(d)						0	XXX	XXX	XXX		0
Long-term care	(d)	8,483					0	XXX	XXX	XXX	0	0
Other health	(d)	0					0	XXX	XXX	XXX		0
Total Accident and Health		8,483	0	0	0	0	0	XXX	XXX	XXX	0	0
Total		46,812,010 (c)	0	0	0	0	0	10,707,203	0	30,722,359	0	41,429,562

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF				Idaho		DURING THE YEAR				2024		NAIC Company Code				63312	
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)					
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount				
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount											
Individual Life																					
1. Industrial									0	0	0										
2. Whole		4,275	1	4,275	0	0	0	0	1	4,275	0	0	0	(1)	(4,065)	27	65,559				
3. Term		0	0	0	0	0	0	0	0	0	0	0	(2)	(420,000)	55	15,678,800					
4. Indexed									0	0	0										
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	12	2,698,000					
6. Universal with secondary guarantees									0	0	0										
7. Variable									0	0	0										
8. Variable universal									0	0	0										
9. Credit									0	0	0										
10. Other									0	0	0										
11. Total Individual Life		4,275	1	4,275	0	0	0	0	1	4,275	0	0	0	(3)	(424,065)	94	18,442,359				
Group Life																					
12. Whole		0	0	0					0	0	0	0	0	0	0	0					
13. Term									0	0	0										
14. Universal									0	0	0										
15. Variable									0	0	0										
16. Variable universal									0	0	0										
17. Credit									0	0	0										
18. Other									0	0	0					(a)					
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Individual Annuities																					
20. Fixed		62,833	15	1,833,067					15	1,833,067	23,665	86	15,355,775	(56)	(247,781)	666	73,053,910				
21. Indexed		6,784,804	23	5,238,698					23	5,238,698	2,003,319	205	31,887,305	(256)	(22,334,843)	1,360	175,391,332				
22. Variable with guarantees									0	0	0										
23. Variable without guarantees									0	0	0										
24. Life contingent payout		20,066	1	20,066					1	20,066	0	1	99,129	(1)	(24,063)	46	1,511,086				
25. Other									0	0	0	7	450,987	(7)	(674,133)	81	1,915,736				
26. Total Individual Annuities		6,867,703	39	7,091,830	0	0	0	0	39	7,091,830	2,026,983	299	47,793,195	(320)	(23,280,822)	2,153	251,872,064				
Group Annuities																					
27. Fixed		(105,848)	5	17,924					5	17,924	0	0	0	(9)	(110,727)	152	4,814,186				
28. Indexed									0	0	0										
29. Variable with guarantees									0	0	0										
30. Variable without guarantees									0	0	0										
31. Life contingent payout									0	0	0	0	0	(11)	(1,746,713)	484	27,817,717				
32. Other									0	0	0	0	0	0	0	0	0				
33. Total Group Annuities		(105,848)	5	17,924	0	0	0	0	5	17,924	0	0	0	(20)	(1,857,441)	636	32,631,903				
Accident and Health																					
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0				
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0				
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	3	8,483				
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0				
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	3	8,483				
47. Total			6,766,130	45	7,114,030	0	0	0	45	7,114,030	2,026,983	299	47,793,195	(343)	(25,562,327)	2,886	302,954,809				

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Illinois DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members					Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....57,390								19,000	0	0		19,000
3. Term .....322,570							0	204,000	662,800	0		866,800
4. Indexed							0					0
5. Universal .....129,830							0	175,000	0	31,764		206,764
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	509,790	0	0	0	0	0	0	398,000	662,800	31,764	0	1,092,564
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....99,431,020							0	17,367,683		51,299,641		68,667,325
21. Indexed .....213,615,131							0	17,334,240		130,004,746		147,338,986
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....5,800							0	1,202,446		(32,978)		1,169,468
25. Other							0					0
26. Total Individual Annuities	313,051,951	0	0	0	0	0	0	35,904,370	0	181,271,409	0	217,175,779
Group Annuities												
27. Fixed .....50,424							0	98,270		353,232		451,502
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....10,458							0	1,980,326		198,589		2,178,915
32. Other							0					0
33. Total Group Annuities	60,882	0	0	0	0	0	0	2,078,596	0	551,821	0	2,630,417
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	39,961						0	XXX	XXX	XXX	31,629	31,629
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	84,889						0	XXX	XXX	XXX	2,572	2,572
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	124,850	0	0	0	0	0	0	XXX	XXX	XXX	34,201	34,201
47. Total	313,747,473 (c)	0	0	0	0	0	0	38,380,966	662,800	181,854,994	34,201	220,932,960

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Illinois		DURING THE YEAR		2024		NAIC Company Code		63312				
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit						
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																		
1. Industrial									0	0	0							
2. Whole		15,000		3	19,000	0	0	0	0	3	19,000	0	1	15,000	(4)	(23,924)	71	1,368,627
3. Term		866,800		2	866,800	0	0	0	0	2	866,800	0	0	0	(60)	(23,130,000)	276	105,226,884
4. Indexed									0	0	0	0						
5. Universal		75,000		2	175,000	0	0	0	0	2	175,000	190,817	0	0	(5)	(210,224)	161	21,797,518
6. Universal with secondary guarantees									0	0	0	0						
7. Variable									0	0	0	0						
8. Variable universal									0	0	0	0						
9. Credit									0	0	0	0						
10. Other									0	0	0	0						
11. Total Individual Life		956,800		7	1,060,800	0	0	0	0	7	1,060,800	190,817	1	15,000	(69)	(23,364,148)	508	128,393,029
Group Life																		
12. Whole		0		0	0				0	0	0	0	0	0	0	63	5	13,969
13. Term									0	0	0	0						
14. Universal									0	0	0	0						
15. Variable									0	0	0	0						
16. Variable universal									0	0	0	0						
17. Credit									0	0	0	0						
18. Other									0	0	0	0						(a)
19. Total Group Life		0		0	0	0	0	0	0	0	0	0	0	0	63	5	13,969	
Individual Annuities																		
20. Fixed		10,564,709		153	13,629,727				153	13,629,727	1,642,581	726	102,518,077	(736)	(53,927,876)	5,058	522,851,791	
21. Indexed		13,809,564		163	16,430,386				163	16,430,386	3,170,143	1,365	218,640,118	(1,264)	(102,101,816)	7,483	967,262,875	
22. Variable with guarantees									0	0	0	0						
23. Variable without guarantees									0	0	0	0						
24. Life contingent payout		441,960		10	441,960				10	441,960	0	18	1,168,420	(14)	(918,167)	114	6,298,735	
25. Other									0	0	0	41	3,196,586	(46)	(2,866,527)	236	10,948,591	
26. Total Individual Annuities		24,816,233		326	30,502,074	0	0	0	326	30,502,074	4,812,724	2,150	325,523,201	(2,060)	(159,814,386)	12,891	1,507,361,993	
Group Annuities																		
27. Fixed		(44,440)		2	86,261				2	86,261	10,243	0	0	(8)	52,228	226	7,836,695	
28. Indexed									0	0	0	0						
29. Variable with guarantees									0	0	0	0						
30. Variable without guarantees									0	0	0	0						
31. Life contingent payout									0	0	0	0	0	(26)	(1,611,748)	487	25,356,002	
32. Other									0	0	0	0	0	(2)	(8,231)	3	54,712	
33. Total Group Annuities		(44,440)		2	86,261	0	0	0	2	86,261	10,243	0	0	(36)	(1,567,750)	716	33,247,408	
Accident and Health																		
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(2)	(11,280)	8	39,961	
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		(2)	(2,130)	42	86,557		
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(4)	(13,410)	50	126,518	
47. Total		25,728,593		335	31,649,134	0	0	0	335	31,649,134	5,013,784	2,151	325,538,201	(2,169)	(184,759,631)	14,170	1,669,142,916	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 587,628 Group: \$ _____ Total: \$ _____ 587,628

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF Indiana

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....23,488							0	42,086	0	3,259		45,345
3. Term .....77,775							0	50,000	129,800	0		179,800
4. Indexed							0					0
5. Universal .....38,665							0	0	0	9,797		9,797
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	139,928	0	0	0	0	0	0	92,086	129,800	13,056	0	234,942
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....22,466,093							0	9,730,916		23,642,749		33,373,665
21. Indexed .....182,552,270							0	21,691,990		181,154,736		202,846,726
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	583,779		0		583,779
25. Other							0					0
26. Total Individual Annuities	205,018,363	0	0	0	0	0	0	32,006,685	0	204,797,485	0	236,804,169
Group Annuities												
27. Fixed .....17,588							0	42,236		391,368		433,603
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	(3,851)						0	1,782,783		161,502		1,944,285
32. Other							0					0
33. Total Group Annuities	13,737	0	0	0	0	0	0	1,825,018	0	552,870	0	2,377,888
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	109,015						0	XXX	XXX	XXX	79,582	79,582
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	1,693						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	110,708	0	0	0	0	0	0	XXX	XXX	XXX	79,582	79,582
47. Total	205,282,736 (c)	0	0	0	0	0	0	33,923,789	129,800	205,363,411	79,582	239,496,582

24.IN

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Indiana		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial									0	0	0						
2. Whole .....37,086		4	42,086	0	0	0	0	4	42,086	0	0	0	(5)	(57,081)	52	496,892	
3. Term .....179,800		1	179,800	0	0	0	0	1	179,800	0	0	0	(25)	(10,891,000)	84	17,503,000	
4. Indexed								0	0	0	0	0					
5. Universal .....0		0	0	0	0	0	0	0	0	0	0	0	(2)	(783,540)	49	5,867,659	
6. Universal with secondary guarantees								0	0	0	0	0					
7. Variable								0	0	0	0	0					
8. Variable universal								0	0	0	0	0					
9. Credit								0	0	0	0	0					
10. Other								0	0	0	0	0					
11. Total Individual Life		216,886	5	221,886	0	0	0	5	221,886	0	0	0	(32)	(11,731,621)	185	23,867,551	
Group Life																	
12. Whole .....0		0	0	0				0	0	0	0	0	0	0	0	0	
13. Term								0	0	0	0	0					
14. Universal								0	0	0	0	0					
15. Variable								0	0	0	0	0					
16. Variable universal								0	0	0	0	0					
17. Credit								0	0	0	0	0					
18. Other								0	0	0	0	0				(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Individual Annuities																	
20. Fixed .....5,919,340		86	7,199,239					86	7,199,239	460,638	194	21,639,175	(329)	(24,169,081)	2,088	192,616,771	
21. Indexed .....18,756,544		216	21,273,452					216	21,273,452	4,060,379	1,445	183,129,044	(1,943)	(152,855,323)	8,160	966,598,983	
22. Variable with guarantees								0	0	0	0	0					
23. Variable without guarantees								0	0	0	0	0					
24. Life contingent payout .....271,677		6	271,677					6	271,677	0	11	905,818	(15)	(941,532)	65	2,966,815	
25. Other								0	0	0	29	1,560,067	(28)	(2,391,259)	178	7,134,134	
26. Total Individual Annuities		24,947,561	308	28,744,369	0	0	0	308	28,744,369	4,521,017	1,679	207,234,105	(2,315)	(180,357,195)	10,491	1,169,316,704	
Group Annuities																	
27. Fixed .....72,401		0	41,969					0	41,969	30,433	0	0	(16)	(331,020)	158	5,702,516	
28. Indexed								0	0	0	0	0					
29. Variable with guarantees								0	0	0	0	0					
30. Variable without guarantees								0	0	0	0	0					
31. Life contingent payout								0	0	0	0	0	(23)	(1,573,930)	417	24,735,128	
32. Other								0	0	0	0	0	0	(258)	1	799	
33. Total Group Annuities		72,401	0	41,969	0	0	0	0	41,969	30,433	0	0	(39)	(1,905,208)	576	30,438,443	
Accident and Health																	
34. Comprehensive individual .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(6)	(24,790)	25	109,015	
37. Vision only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
44. Long-term care .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	1	1,693	
45. Other health .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(6)	(24,790)	26	110,708	
47. Total		25,236,848	313	29,008,223	0	0	0	313	29,008,223	4,551,450	1,679	207,234,105	(2,392)	(194,018,814)	11,278	1,223,733,405	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 187,869 Group: \$ Total: \$ 187,869

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Iowa DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....29,443							0	19,134	0	9,168		28,302
3. Term .....71,106							0	25,000	0	0		25,000
4. Indexed							0					0
5. Universal .....19,211							0	0	0	100,870		100,870
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	119,760	0	0	0	0	0	0	44,134	0	110,038	0	154,172
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....18,259,707							0	6,360,633		6,600,331		12,960,964
21. Indexed .....46,465,526							0	8,084,075		58,243,450		66,327,524
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	480,218		0		480,218
25. Other							0					0
26. Total Individual Annuities	64,725,233	0	0	0	0	0	0	14,924,926	0	64,843,780	0	79,768,706
Group Annuities												
27. Fixed	0						0	73,301		205,265		278,566
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	539,743		0		539,743
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	613,044	0	205,265	0	818,309
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	87,174						0	XXX	XXX	XXX	80,938	80,938
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	8,113						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	95,287	0	0	0	0	0	0	XXX	XXX	XXX	80,938	80,938
47. Total	64,940,280 (c)	0	0	0	0	0	0	15,582,104	0	65,159,083	80,938	80,822,125

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Iowa		DURING THE YEAR		2024		NAIC Company Code		63312				
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount								
Individual Life																		
1. Industrial									0	0	0							
2. Whole		44,134	3	44,134	0	0	0	0	3	44,134	0	2	125,000	(9)	(189,719)	82	1,930,027	
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(5)	(2,550,000)	29	8,677,000	
4. Indexed									0	0	0							
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(297,161)	16	2,602,411	
6. Universal with secondary guarantees									0	0	0							
7. Variable									0	0	0							
8. Variable universal									0	0	0							
9. Credit									0	0	0							
10. Other									0	0	0							
11. Total Individual Life		44,134	3	44,134	0	0	0	0	3	44,134	0	2	125,000	(15)	(3,036,880)	127	13,209,439	
Group Life																		
12. Whole		0	0	0					0	0	0	0	0	0	10	1	2,040	
13. Term									0	0	0							
14. Universal									0	0	0							
15. Variable									0	0	0							
16. Variable universal									0	0	0							
17. Credit									0	0	0							
18. Other									0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	10	1	2,040		
Individual Annuities																		
20. Fixed		2,682,495	25	2,345,379					25	2,345,379	958,861	121	18,483,156	(122)	(7,474,543)	1,240	103,703,226	
21. Indexed		8,065,891	94	7,688,820					94	7,688,820	2,011,320	288	42,661,947	(543)	(42,898,516)	2,704	295,863,686	
22. Variable with guarantees									0	0	0							
23. Variable without guarantees									0	0	0							
24. Life contingent payout		52,992	1	52,992					1	52,992	0	5	151,094	(6)	(372,918)	66	3,457,299	
25. Other									0	0	0	32	1,630,082	(46)	(3,688,405)	245	10,065,378	
26. Total Individual Annuities		10,801,378	120	10,087,191	0	0	0	0	120	10,087,191	2,970,181	446	62,926,278	(717)	(54,434,382)	4,255	413,089,588	
Group Annuities																		
27. Fixed		64,595	4	73,301					4	73,301	0	0	0	(8)	(244,199)	96	2,729,607	
28. Indexed									0	0	0							
29. Variable with guarantees									0	0	0							
30. Variable without guarantees									0	0	0							
31. Life contingent payout									0	0	0	0	0	(5)	(328,816)	187	6,817,804	
32. Other									0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		64,595	4	73,301	0	0	0	0	4	73,301	0	0	0	(13)	(573,015)	283	9,547,411	
Accident and Health																		
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(6)	(8,402)	12	87,174	
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	2	8,113	
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(6)	(8,402)	14	95,287
47. Total			10,910,107	127	10,204,625	0	0	0	127	10,204,625	2,970,181	448	63,051,278	(751)	(58,052,670)	4,680	435,943,764	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 182,069 Group: \$ Total: \$ 182,069

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Kansas DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 14,437							0	7,000	0	9,084		16,084
3. Term 38,698							0	0	0	0		0
4. Indexed							0					0
5. Universal 37,677							0	25,000	0	0		25,000
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	90,812	0	0	0	0	0	0	32,000	0	9,084	0	41,084
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed 5,729,179							0	1,685,791		2,205,363		3,891,154
21. Indexed 41,532,728							0	3,058,619		30,294,093		33,352,712
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	107,927		0		107,927
25. Other							0					0
26. Total Individual Annuities	47,261,907	0	0	0	0	0	0	4,852,337	0	32,499,456	0	37,351,794
Group Annuities												
27. Fixed	0						0	0		8,207		8,207
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	1,012,701		14,685		1,027,386
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	1,012,701	0	22,893	0	1,035,594
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	59,394						0	XXX	XXX	XXX	30,094	30,094
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	63,357						0	XXX	XXX	XXX	57,198	57,198
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	122,751	0	0	0	0	0	0	XXX	XXX	XXX	87,292	87,292
47. Total	47,475,470 (c)	0	0	0	0	0	0	5,897,038	0	32,531,432	87,292	38,515,763

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Kansas		DURING THE YEAR							2024		NAIC Company Code		63312	
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
		13		Claims Settled During Current Year						23	24			25	26	27	28			
		Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount				
		14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount											
Individual Life																				
1. Industrial									0	0	0									
2. Whole		7,000	1	7,000	0	0	0	0	1	7,000	0	0	0	(6)	(60,053)	20	189,933			
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	349,001	46	11,755,000			
4. Indexed									0	0	0									
5. Universal		25,000	1	25,000	0	0	0	0	1	25,000	0	0	0	(1)	(26,146)	41	5,643,954			
6. Universal with secondary guarantees									0	0	0									
7. Variable									0	0	0									
8. Variable universal									0	0	0									
9. Credit									0	0	0									
10. Other									0	0	0									
11. Total Individual Life		32,000	2	32,000	0	0	0	0	2	32,000	0	0	0	(7)	262,802	107	17,588,887			
Group Life																				
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0			
13. Term									0	0	0									
14. Universal									0	0	0									
15. Variable									0	0	0									
16. Variable universal									0	0	0									
17. Credit									0	0	0									
18. Other									0	0	0							(a)		
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Individual Annuities																				
20. Fixed		772,780	12	1,137,598					12	1,137,598	24,476	29	5,421,527	(34)	(2,242,441)	265	32,136,998			
21. Indexed		2,562,975	34	2,726,608					34	2,726,608	927,442	319	43,583,636	(316)	(25,499,653)	1,390	160,641,754			
22. Variable with guarantees									0	0	0									
23. Variable without guarantees									0	0	0									
24. Life contingent payout		45,850	1	45,850					1	45,850	0	3	83,314	(1)	(89,606)	19	629,272			
25. Other									0	0	0	7	1,028,400	(6)	(232,465)	40	1,801,343			
26. Total Individual Annuities		3,381,604	47	3,910,055	0	0	0	0	47	3,910,055	951,918	358	50,116,877	(357)	(28,064,166)	1,714	195,209,367			
Group Annuities																				
27. Fixed		0	0	0					0	0	0	0	0	(1)	24,402	28	250,966			
28. Indexed									0	0	0									
29. Variable with guarantees									0	0	0									
30. Variable without guarantees									0	0	0									
31. Life contingent payout									0	0	0	0	0	(25)	(917,664)	584	12,757,828			
32. Other									0	0	0	0	0	0	0	0	0			
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(26)	(893,262)	612	13,008,794			
Accident and Health																				
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(14,028)	8	59,393			
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	265	36	68,967			
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(1)	(13,763)	44	128,360			
47. Total		3,413,604	49	3,942,055	0	0	0	0	49	3,942,055	951,918	358	50,116,877	(391)	(28,708,389)	2,477	225,935,408			

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$

24.KY



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Kentucky DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	21,936						0	38,027	0	3,513		41,540
3. Term	91,066						0	226,000	0	0		226,000
4. Indexed							0					0
5. Universal	28,830						0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	141,832	0	0	0	0	0	0	264,027	0	3,513	0	267,540
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	35,479,447						0	10,811,907		29,713,947		40,525,854
21. Indexed	37,804,046						0	8,343,192		60,869,235		69,212,428
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	183,466		0		183,466
25. Other							0					0
26. Total Individual Annuities	73,283,493	0	0	0	0	0	0	19,338,565	0	90,583,182	0	109,921,747
Group Annuities												
27. Fixed	8,825						0	234,744		598,956		833,700
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	(78)						0	1,733,725		0		1,733,725
32. Other							0					0
33. Total Group Annuities	8,747	0	0	0	0	0	0	1,968,469	0	598,956	0	2,567,425
Accident and Health												
34. Comprehensive individual	(d)						0	XXX	XXX	XXX		0
35. Comprehensive group	(d)						0	XXX	XXX	XXX		0
36. Medicare Supplement	(d)	122,908					0	XXX	XXX	XXX	120,180	120,180
37. Vision only	(d)						0	XXX	XXX	XXX		0
38. Dental only	(d)						0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
40. Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
41. Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income	(d)	0					0	XXX	XXX	XXX		0
44. Long-term care	(d)	0					0	XXX	XXX	XXX	800	800
45. Other health	(d)	0					0	XXX	XXX	XXX		0
46. Total Accident and Health	122,908	0	0	0	0	0	0	XXX	XXX	XXX	120,980	120,980
47. Total	73,556,980 (c)	0	0	0	0	0	0	21,571,061	0	91,185,651	120,980	112,877,692

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Kentucky		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28		
		14	15	16	17	18	19	20	21	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																			
1. Industrial									0	0	0								
2. Whole		38,027	4	38,027	0	0	0	0	4	38,027	0	0	0	(6)	(162,982)	33	304,855		
3. Term		226,000	3	226,000	0	0	0	0	3	226,000	0	0	0	(29)	(12,236,000)	91	18,803,000		
4. Indexed									0	0	0								
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	288	20	3,575,264		
6. Universal with secondary guarantees									0	0	0								
7. Variable									0	0	0								
8. Variable universal									0	0	0								
9. Credit									0	0	0								
10. Other									0	0	0								
11. Total Individual Life		264,027	7	264,027	0	0	0	0	7	264,027	0	0	0	(35)	(12,398,694)	144	22,683,119		
Group Life																			
12. Whole		0	0	0					0	0	0	0	0	0	82	2	15,933		
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0						(a)		
18. Other									0	0	0								
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	82	2	15,933		
Individual Annuities																			
20. Fixed		7,944,339	103	9,666,868					103	9,666,868	1,163,752	275	35,700,083	(412)	(27,270,363)	2,618	263,257,551		
21. Indexed		9,316,185	70	8,218,870					70	8,218,870	2,180,711	269	36,564,085	(554)	(48,003,608)	2,716	329,187,269		
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		0	0	0					0	0	0	7	240,427	(2)	(222,447)	27	1,281,226		
25. Other									0	0	0	8	551,655	(18)	(1,133,874)	68	3,057,828		
26. Total Individual Annuities		17,260,523	173	17,885,738	0	0	0	0	173	17,885,738	3,344,462	559	73,056,251	(986)	(76,630,292)	5,429	596,783,875		
Group Annuities																			
27. Fixed		123,458	5	225,926					5	225,926	44,590	0	0	(19)	(624,826)	177	4,724,456		
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0	0	0	(15)	(1,450,243)	375	21,544,709		
32. Other									0	0	0	0	0	(1)	(8,557)	1	12,271		
33. Total Group Annuities		123,458	5	225,926	0	0	0	0	5	225,926	44,590	0	0	(35)	(2,083,625)	553	26,281,437		
Accident and Health																			
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(11)	(40,992)	16	122,908		
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0		
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	2	1,010		
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0		
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(11)	(40,992)	18	123,918		
47. Total		17,648,008	185	18,375,691	0	0	0	0	185	18,375,691	3,389,053	559	73,056,251	(1,067)	(91,153,521)	6,146	645,888,282		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Louisiana		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	21,384						0	53,529	0	5,232		58,761
Term	109,934						0	100,000	0	0		100,000
Indexed							0					0
Universal	67,278						0	0	0	32,025		32,025
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	198,596	0	0	0	0	0	0	153,529	0	37,257	0	190,786
Group Life												
Whole							0	120,930	0	0		120,930
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	120,930	0	0	0	120,930
Annuities												
Fixed	20,524,060						0	7,267,991		20,296,791		27,564,782
Indexed	131,549,648						0	18,345,704		131,427,119		149,772,823
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	193,682		0		193,682
Other							0					0
Total Individual Annuities	152,073,708	0	0	0	0	0	0	25,807,376	0	151,723,910	0	177,531,286
Group Annuities												
Fixed	0						0	15,642		97,580		113,222
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	189,868		0		189,868
Other							0					0
Total Group Annuities	0	0	0	0	0	0	0	205,510	0	97,580	0	303,090
Accident and Health												
Comprehensive individual	(d)						0	XXX	XXX	XXX		0
Comprehensive group	(d)						0	XXX	XXX	XXX		0
Medicare Supplement	(d)	0					0	XXX	XXX	XXX	0	0
Vision only	(d)						0	XXX	XXX	XXX		0
Dental only	(d)						0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income	(d)	0					0	XXX	XXX	XXX		0
Long-term care	(d)	4,531					0	XXX	XXX	XXX	0	0
Other health	(d)	0					0	XXX	XXX	XXX		0
Total Accident and Health	4,531	0	0	0	0	0	0	XXX	XXX	XXX	0	0
Total	152,276,835 (c)	0	0	0	0	0	0	26,287,345	0	151,858,747	0	178,146,093

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Louisiana		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial									0	0	0						
2. Whole		53,529	3	53,529	0	0	0	0	3	53,529	0	1	25,000	(3)	(76,234)	26	343,448
3. Term		100,000	1	100,000	0	0	0	0	1	100,000	0	0	0	(7)	(1,275,999)	118	23,014,500
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(2)	(343,805)	90	8,085,455
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		153,529	4	153,529	0	0	0	0	4	153,529	0	1	25,000	(12)	(1,696,038)	234	31,443,403
Group Life																	
12. Whole		134,241	23	120,930					23	120,930	21,705	0	0	(23)	(110,481)	319	1,567,115
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		134,241	23	120,930	0	0	0	0	23	120,930	21,705	0	0	(23)	(110,481)	319	1,567,115
Individual Annuities																	
20. Fixed		8,368,045	63	6,563,041					63	6,563,041	2,660,144	126	19,933,522	(314)	(25,213,949)	1,705	212,795,888
21. Indexed		19,469,382	128	18,207,699					128	18,207,699	4,662,960	782	125,139,280	(1,027)	(101,143,192)	5,561	816,186,668
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		45,533	2	45,533					2	45,533	0	10	570,232	(4)	(276,955)	34	1,839,145
25. Other									0	0	0	12	1,638,909	(4)	(493,537)	60	3,045,445
26. Total Individual Annuities		27,882,959	193	24,816,273	0	0	0	0	193	24,816,273	7,323,104	930	147,281,943	(1,349)	(127,127,633)	7,360	1,033,867,146
Group Annuities																	
27. Fixed		15,642	2	15,642					2	15,642	0	0	0	(6)	(121,913)	72	858,903
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0		(33,209)	62	3,495,724
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		15,642	2	15,642	0	0	0	0	2	15,642	0	0	0	(6)	(155,122)	134	4,354,627
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(7,732)	0	0
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(7,732)	0	0
47. Total		28,186,371	222	25,106,374	0	0	0	0	222	25,106,374	7,344,809	931	147,306,943	(1,390)	(129,097,006)	8,047	1,071,232,290

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Maine		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	4,978						0	4,802	0	3,126		7,928
Term	57,291						0	120,000	0	0		120,000
Indexed							0					0
Universal	3,355						0	60,000	0	0		60,000
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	65,624	0	0	0	0	0	0	184,802	0	3,126	0	187,928
Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	6,829,361						0	1,649,770		2,069,342		3,719,112
Indexed	28,839,456						0	3,980,412		23,803,954		27,784,366
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	210,798		0		210,798
Other							0					0
Total Individual Annuities	35,668,817	0	0	0	0	0	0	5,840,981	0	25,873,296	0	31,714,277
Annuities												
Fixed	190,378						0	0		3,235,121		3,235,121
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	977,403		0		977,403
Other							0					0
Total Group Annuities	190,378	0	0	0	0	0	0	977,403	0	3,235,121	0	4,212,525
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	3,532						0	XXX	XXX	XXX	692	692
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (d)	3,238						0	XXX	XXX	XXX	0	0
Other health (d)	0						0	XXX	XXX	XXX		0
Total Accident and Health	6,770	0	0	0	0	0	0	XXX	XXX	XXX	692	692
Total	35,931,589 (c)	0	0	0	0	0	0	7,003,186	0	29,111,544	692	36,115,422

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Maine		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		1,302	4,802	0	0	0	0	1	4,802	1,500	0	0	(2)	(10,000)	38	555,962	
3. Term		120,000	120,000	0	0	0	0	1	120,000	0	0	0	(10)	(3,730,000)	69	14,988,000	
4. Indexed								0	0	0							
5. Universal		60,000	60,000	0	0	0	0	1	60,000	0	0	0	0	39,051	7	878,453	
6. Universal with secondary guarantees								0	0	0							
7. Variable								0	0	0							
8. Variable universal								0	0	0							
9. Credit								0	0	0							
10. Other								0	0	0							
11. Total Individual Life		181,302	184,802	0	0	0	0	3	184,802	1,500	0	0	(12)	(3,700,949)	114	16,422,415	
Group Life																	
12. Whole		0	0					0	0	0	0	0	0	147	5	34,205	
13. Term								0	0	0							
14. Universal								0	0	0							
15. Variable								0	0	0							
16. Variable universal								0	0	0							
17. Credit								0	0	0							
18. Other								0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	147	5	34,205	
Individual Annuities																	
20. Fixed		761,030	916,401					14	916,401	94,446	41	6,192,644	(59)	(2,142,152)	538	44,215,907	
21. Indexed		3,592,341	3,820,882					33	3,820,882	636,506	180	28,117,717	(203)	(11,555,475)	1,406	184,911,297	
22. Variable with guarantees								0	0	0							
23. Variable without guarantees								0	0	0							
24. Life contingent payout		2,120	2,120					1	2,120	0	2	88,050	(11)	(177,429)	56	1,662,998	
25. Other								0	0	0	9	949,589	(22)	(621,251)	50	2,090,291	
26. Total Individual Annuities		4,355,491	4,739,403	0	0	0	0	48	4,739,403	730,951	232	35,348,000	(295)	(14,496,306)	2,050	232,880,492	
Group Annuities																	
27. Fixed		0	0					0	0	0	0	0	(44)	(2,581,929)	300	9,815,710	
28. Indexed								0	0	0							
29. Variable with guarantees								0	0	0							
30. Variable without guarantees								0	0	0							
31. Life contingent payout								0	0	0	0	0	(13)	(761,145)	222	10,928,633	
32. Other								0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	(57)	(3,343,074)	522	20,744,343	
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	86	1	3,531	
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(1,608)	3	3,442	
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(1,522)	4	6,973	
47. Total		4,536,793	4,924,205	0	0	0	0	51	4,924,205	732,451	232	35,348,000	(365)	(21,541,704)	2,695	270,088,428	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Maryland		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	25,956						0	16,691	871	3,578		21,140
Term	238,986						0	328,100	158,000	0		486,100
Indexed							0					0
Universal	162,799						0	650,470	0	170,547		821,017
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	427,741	0	0	0	0	0	0	995,261	158,871	174,126	0	1,328,257
Group Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	82,835,946						0	12,344,106		29,595,416		41,939,522
Indexed	146,563,118						0	11,442,840		71,550,525		82,993,365
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	124,116		0		124,116
Other							0					0
Total Individual Annuities	229,399,064	0	0	0	0	0	0	23,911,062	0	101,145,941	0	125,057,003
Group Annuities												
Fixed	0						0	1,296,659		67,443		1,364,103
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	587,494		15,358		602,852
Other							0					0
Total Group Annuities	0	0	0	0	0	0	0	1,884,154	0	82,801	0	1,966,955
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (3,895) (d)	(3,895)						0	XXX	XXX	XXX	123,874	123,874
Other health (d)	0						0	XXX	XXX	XXX		0
Total Accident and Health	(3,895)	0	0	0	0	0	0	XXX	XXX	XXX	123,874	123,874
Total	229,822,910 (c)	0	0	0	0	0	0	26,790,477	158,871	101,402,868	123,874	128,476,089

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Maryland		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		26,562	3	17,562	0	0	0	0	3	17,562	15,000	3	175,000	(5)	(106,201)	57	1,364,345
3. Term		422,600	2	486,100	0	0	0	0	2	486,100	100,000	0	0	(34)	(17,100,000)	256	67,206,668
4. Indexed									0	0	0						
5. Universal		600,470	7	650,470	0	0	0	0	7	650,470	250,000	0	0	(22)	(2,668,597)	212	26,391,851
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		1,049,632	12	1,154,132	0	0	0	0	12	1,154,132	365,000	3	175,000	(61)	(19,874,797)	525	94,962,864
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	14	1	2,884
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	14	1	2,884	
Individual Annuities																	
20. Fixed		10,373,979	89	10,728,078					89	10,728,078	1,011,336	581	90,381,422	(428)	(44,119,791)	2,661	327,944,607
21. Indexed		12,681,479	92	11,073,129					92	11,073,129	3,304,520	869	161,211,269	(677)	(78,400,229)	3,813	537,939,790
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		7,191	1	7,191					1	7,191	0	4	466,231	(2)	(49,603)	27	1,029,944
25. Other									0	0	0	29	2,092,240	(19)	(1,914,275)	111	4,846,889
26. Total Individual Annuities		23,062,650	182	21,808,398	0	0	0	0	182	21,808,398	4,315,856	1,483	254,151,162	(1,126)	(124,483,898)	6,612	871,761,230
Group Annuities																	
27. Fixed		1,296,659	1	1,296,659					1	1,296,659	0	0	0	(6)	(81,281)	66	1,964,630
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(6)	(423,431)	163	6,480,649
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		1,296,659	1	1,296,659	0	0	0	0	1	1,296,659	0	0	0	(12)	(504,712)	229	8,445,279
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			2	10,057	3	20,190
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	2	10,057	3	20,190
47. Total		25,408,941	195	24,259,189	0	0	0	0	195	24,259,189	4,680,856	1,486	254,326,162	(1,197)	(144,853,337)	7,370	975,192,446

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____, 60,690 Group: \$ _____ Total: \$ _____, 60,690

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Massachusetts DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....17,675							0	28,280	0	1,961		29,961
3. Term .....222,541							0	400,000	0	0		400,000
4. Indexed							0					0
5. Universal .....149,249							0	352,000	0	141,216		493,216
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	389,465	0	0	0	0	0	0	780,280	0	142,898	0	923,178
Group Life												
12. Whole							0	51,833	0	0		51,833
13. Term							0	945	0	0		945
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	52,778	0	0	0	52,778
Individual Annuities												
20. Fixed .....57,071,443							0	13,444,007		23,043,582		36,487,589
21. Indexed .....122,559,157							0	12,631,052		81,614,726		94,245,778
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....200,000							0	1,730,101		0		1,730,101
25. Other							0					0
26. Total Individual Annuities	179,830,600	0	0	0	0	0	0	27,805,160	0	104,658,309	0	132,463,469
Group Annuities												
27. Fixed .....1,030,639							0	85,271		10,104,852		10,190,123
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....28							0	3,979,466		0		3,979,466
32. Other							0					0
33. Total Group Annuities	1,030,667	0	0	0	0	0	0	4,064,737	0	10,104,852	0	14,169,589
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	181,250,732 (c)	0	0	0	0	0	0	32,702,954	0	114,906,059	0	147,609,013

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF							Massachusetts		DURING THE YEAR				2024		NAIC Company Code				63312	
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits															22		Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
		13		Claims Settled During Current Year								23	24	25	26	27			28					
		Incurred During Current Year	Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount					
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount														
Individual Life																								
1. Industrial										0	0			0										
2. Whole		18,294	5	28,280	0	0	0	0	5	28,280	5,014	0	0	(6)	(164,645)	66	1,340,570							
3. Term		400,000	3	400,000	0	0	0	0	3	400,000	300,000	0	0	(8)	111,000	164	45,316,350							
4. Indexed									0	0	0													
5. Universal		452,000	3	352,000	0	0	0	0	3	352,000	100,000	0	0	(7)	(1,060,672)	135	26,608,030							
6. Universal with secondary guarantees									0	0	0													
7. Variable									0	0	0													
8. Variable universal									0	0	0													
9. Credit									0	0	0													
10. Other									0	0	0													
11. Total Individual Life		870,294	11	780,280	0	0	0	0	11	780,280	405,014	0	0	(21)	(1,114,317)	365	73,264,950							
Group Life																								
12. Whole		51,768	8	51,833					8	51,833	0	0	0	(7)	(41,105)	46	289,297							
13. Term									0	0	0													
14. Universal									0	0	0													
15. Variable									0	0	0													
16. Variable universal									0	0	0													
17. Credit									0	0	0													
18. Other									0	0	0										(a)			
19. Total Group Life		51,768	8	51,833	0	0	0	0	8	51,833	0	0	0	(7)	(41,105)	46	289,297							
Individual Annuities																								
20. Fixed		6,923,596	103	6,515,263					103	6,515,263	2,484,543	336	59,057,437	(409)	(27,325,658)	4,232	451,806,803							
21. Indexed		12,466,683	82	12,174,754					82	12,174,754	1,937,837	792	133,135,640	(744)	(47,267,054)	4,484	671,709,000							
22. Variable with guarantees									0	0	0													
23. Variable without guarantees									0	0	0													
24. Life contingent payout		0	0	0					0	0	0	18	1,505,498	(18)	(1,135,070)	238	11,848,684							
25. Other									0	0	0	78	5,118,179	(84)	(5,920,563)	470	21,234,810							
26. Total Individual Annuities		19,390,279	185	18,690,017	0	0	0	0	185	18,690,017	4,422,380	1,224	198,816,753	(1,255)	(81,648,345)	9,424	1,156,599,298							
Group Annuities																								
27. Fixed		314,883	7	85,271					7	85,271	303,603	0	0	(127)	(5,999,458)	2,018	106,905,830							
28. Indexed									0	0	0													
29. Variable with guarantees									0	0	0													
30. Variable without guarantees									0	0	0													
31. Life contingent payout									0	0	0	0	0	(39)	(3,195,995)	844	53,725,813							
32. Other									0	0	0	0	0	(1)	(47,886)	0	0							
33. Total Group Annuities		314,883	7	85,271	0	0	0	0	7	85,271	303,603	0	0	(167)	(9,243,339)	2,862	160,631,644							
Accident and Health																								
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0							
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX													
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0							
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0							
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0							
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0							
47. Total		20,627,224	211	19,607,401	0	0	0	0	211	19,607,401	5,130,997	1,224	198,816,753	(1,450)	(92,047,106)	12,697	1,390,785,189							

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 1,660,278 Group: \$ Total: \$ 1,660,278

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Michigan		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					
Whole	11,345						0	12,008	0	7,704		19,712
Term	138,471						0	0	0	0		0
Indexed							0					0
Universal	69,545						0	0	0	10,000		10,000
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	219,361	0	0	0	0	0	0	12,008	0	17,704	0	29,712
Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	86,087,461						0	28,039,166		48,895,347		76,934,512
Indexed	244,064,800						0	30,475,628		215,711,166		246,186,794
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	890,213		10,597		900,810
Other							0					0
Total Individual Annuities	330,152,261	0	0	0	0	0	0	59,405,007	0	264,617,109	0	324,022,116
Annuities												
Fixed	22,012						0	37,331		1,585,151		1,622,481
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	(108,651)						0	2,058,407		150,128		2,208,535
Other							0					0
Total Group Annuities	(86,639)	0	0	0	0	0	0	2,095,738	0	1,735,279	0	3,831,017
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	3,258						0	XXX	XXX	XXX	9,812	9,812
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (d)	0						0	XXX	XXX	XXX	0	0
Other health (d)	0						0	XXX	XXX	XXX		0
Total Accident and Health	3,258	0		0	0	0	0	XXX	XXX	XXX	9,812	9,812
Total	330,288,241 (c)	0	0	0	0	0	0	61,512,752	0	266,370,092	9,812	327,892,657

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Michigan		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		10,008	4	12,008	0	0	0	0	4	12,008	0	0	0	(5)	(66,964)	88	961,993
3. Term		0	0	0	0	0	0	0	0	0	0	0	(24)	(10,645,000)	106	28,933,921	
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(135,109)	53	9,615,674	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		10,008	4	12,008	0	0	0	0	4	12,008	0	0	0	(29)	(10,847,073)	247	39,511,589
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	72	3	12,887	
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	72	3	12,887	
Individual Annuities																	
20. Fixed		17,328,562	237	18,385,516					237	18,385,516	3,718,715	555	89,935,033	(785)	(59,102,555)	6,504	602,030,597
21. Indexed		28,714,928	299	29,791,719					299	29,791,719	6,085,839	1,677	245,323,370	(2,166)	(187,375,880)	11,535	1,330,248,474
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		41,441	3	41,441					3	41,441	0	15	1,002,581	(19)	(1,312,386)	136	5,999,774
25. Other									0	0	0	111	9,779,428	(121)	(8,048,064)	554	32,871,841
26. Total Individual Annuities		46,084,930	539	48,218,676	0	0	0	0	539	48,218,676	9,804,554	2,358	346,040,413	(3,091)	(255,838,886)	18,729	1,971,150,686
Group Annuities																	
27. Fixed		(38,896)	6	33,523					6	33,523	1,206	0	0	(42)	(1,251,179)	429	13,557,447
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(16)	(1,583,143)	454	28,538,598
32. Other									0	0	0	0	0	0	(3,561)	1	5,259
33. Total Group Annuities		(38,896)	6	33,523	0	0	0	0	6	33,523	1,206	0	0	(58)	(2,837,883)	884	42,101,303
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	79	1	3,258
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	79	1	3,258
47. Total			46,056,042	549	48,264,206	0	0	0	549	48,264,206	9,805,760	2,358	346,040,413	(3,178)	(269,523,691)	19,864	2,052,779,723

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 692,458 Group: \$ Total: \$ 692,458

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF Minnesota

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....20,466							0	146,969	0	2,688		149,657
3. Term .....133,090							0	0	16,400	0		16,400
4. Indexed							0					0
5. Universal .....232,585							0	350,000	0	5,788		355,788
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	386,141	0	0	0	0	0	0	496,969	16,400	8,476	0	521,845
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....33,011,240							0	8,294,429		16,722,954		25,017,383
21. Indexed .....108,291,712							0	12,372,298		120,580,283		132,952,581
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	392,458		0		392,458
25. Other							0					0
26. Total Individual Annuities	141,302,952	0	0	0	0	0	0	21,059,186	0	137,303,236	0	158,362,423
Group Annuities												
27. Fixed .....7,213							0	119,180		348,418		467,598
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	1,210,458		0		1,210,458
32. Other							0					0
33. Total Group Annuities	7,213	0	0	0	0	0	0	1,329,638	0	348,418	0	1,678,056
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	5,252						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	5,252	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	141,701,558 (c)	0	0	0	0	0	0	22,885,793	16,400	137,660,131	0	160,562,324

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Minnesota		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		111,610	17	146,969	0	0	0	0	17	146,969	1,500	0	0	(19)	(160,905)	107	730,036
3. Term		16,400	0	16,400	0	0	0	0	0	16,400	0	0	20,000	(10)	(3,105,000)	119	32,258,400
4. Indexed									0	0	0						
5. Universal		600,000	1	350,000	0	0	0	0	1	350,000	250,000	0	10,000	(1)	(379,835)	58	7,935,311
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		728,010	18	513,369	0	0	0	0	18	513,369	251,500	0	30,000	(30)	(3,645,740)	284	40,923,747
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities																	
20. Fixed		5,315,491	57	5,078,472					57	5,078,472	1,437,448	257	38,794,248	(237)	(25,370,317)	1,699	161,784,384
21. Indexed		10,372,097	115	11,911,382					115	11,911,382	4,513,787	716	109,514,406	(1,167)	(100,415,387)	5,318	643,913,162
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		65,155	1	65,155					1	65,155	0	16	3,353,184	(14)	(3,086,617)	58	2,140,418
25. Other									0	0	0	40	1,616,894	(55)	(2,785,001)	218	7,737,708
26. Total Individual Annuities		15,752,744	173	17,055,010	0	0	0	0	173	17,055,010	5,951,235	1,029	153,278,731	(1,473)	(131,657,322)	7,293	815,575,672
Group Annuities																	
27. Fixed		109,832	2	109,832					2	109,832	0	0	0	(13)	(213,772)	216	5,070,476
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(16)	(938,394)	237	15,165,426
32. Other									0	0	0	0	0	0	(8,664)	3	29,908
33. Total Group Annuities		109,832	2	109,832	0	0	0	0	2	109,832	0	0	0	(29)	(1,160,830)	456	20,265,810
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	2	5,252	
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	2	5,252
47. Total		16,590,586	193	17,678,211	0	0	0	0	193	17,678,211	6,202,735	1,029	153,308,731	(1,532)	(136,463,892)	8,035	876,770,481

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 45,578 Group: \$ Total: \$ 45,578

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Mississippi DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0	0	0	0		0
2. Whole 3,949							0	0	0	0		0
3. Term 66,603							0	0	25,100	0		25,100
4. Indexed							0					0
5. Universal 32,998							0	150,000	0	0		150,000
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life 103,550		0	0	0	0	0	0	150,000	25,100	0	0	175,100
Group Life												
12. Whole							0	2,861	0	0		2,861
13. Term 0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life 0		0	0	0	0	0	0	2,861	0	0	0	2,861
Individual Annuities												
20. Fixed 14,231,155							0	6,845,219		15,567,650		22,412,869
21. Indexed 28,329,627							0	4,350,813		32,356,694		36,707,506
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout 27,852							0	102,194		0		102,194
25. Other							0					0
26. Total Individual Annuities 42,588,634		0	0	0	0	0	0	11,298,226	0	47,924,343	0	59,222,569
Group Annuities												
27. Fixed 2,845							0	0		11,528		11,528
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout 15,078							0	607,267		0		607,267
32. Other							0					0
33. Total Group Annuities 17,923		0	0	0	0	0	0	607,267	0	11,528	0	618,795
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	2,932						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health 2,932		0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total 42,713,039 (c)		0	0	0	0	0	0	12,058,354	25,100	47,935,871	0	60,019,325

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF				Mississippi		DURING THE YEAR				2024		NAIC Company Code				63312		
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)						
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount					
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount												
Individual Life																						
1. Industrial																						
2. Whole		0		0		0		0		0		0		1	4,156	15	70,261					
3. Term		25,100		25,100		0		0		0		25,100		(14)	(7,020,000)	62	17,641,600					
4. Indexed																						
5. Universal		150,000		150,000		0		0		1		150,000		(3)	(429,764)	50	5,134,103					
6. Universal with secondary guarantees										0		0										
7. Variable										0		0										
8. Variable universal										0		0										
9. Credit										0		0										
10. Other										0		0										
11. Total Individual Life		175,100		175,100		0		0		1		175,100		(16)	(7,445,608)	127	22,845,964					
Group Life																						
12. Whole		2,861		2,861						1		2,861		(1)	(2,677)	4	34,245					
13. Term										0		0										
14. Universal										0		0										
15. Variable										0		0										
16. Variable universal										0		0										
17. Credit										0		0										
18. Other										0		0					(a)					
19. Total Group Life		2,861		2,861		0		0		1		2,861		(1)	(2,677)	4	34,245					
Individual Annuities																						
20. Fixed		5,225,204		63		6,217,639				63		6,217,639		466,166	91	14,316,355	(263)	(17,122,311)	1,594	130,532,781		
21. Indexed		4,082,144		37		4,273,684				37		4,273,684		332,238	180	28,178,076	(221)	(23,685,309)	1,489	209,601,388		
22. Variable with guarantees										0		0		0								
23. Variable without guarantees										0		0		0								
24. Life contingent payout		25,178		2		25,178				2		25,178		0	2	44,452	(10)	(316,849)	16	629,688		
25. Other										0		0		0	5	468,665	(9)	(643,513)	29	1,804,784		
26. Total Individual Annuities		9,332,525		102		10,516,502		0		0		0		798,405	278	43,007,548	(503)	(41,767,983)	3,128	342,568,640		
Group Annuities																						
27. Fixed		8,014		1		0				1		0		8,014	0	0	(4)	13,356	67	1,066,381		
28. Indexed										0		0		0		0						
29. Variable with guarantees										0		0		0		0						
30. Variable without guarantees										0		0		0		0						
31. Life contingent payout										0		0		0		0	(7)	(583,795)	175	7,561,127		
32. Other										0		0		0		0	0	0	0	0		
33. Total Group Annuities		8,014		1		0		0		1		0		8,014	0	0	(11)	(570,439)	242	8,627,508		
Accident and Health																						
34. Comprehensive individual		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
35. Comprehensive group		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
36. Medicare Supplement		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
37. Vision only		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
38. Dental only		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
40. Title XVIII Medicare		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
41. Title XIX Medicaid		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX								
42. Credit A&H			XXX	XXX		XXX		XXX		XXX		XXX		XXX								
43. Disability income		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX		0	0	0	0	0		
44. Long-term care		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX		0	0	0	1	2,932		
45. Other health		(d)	XXX	XXX		XXX		XXX		XXX		XXX		XXX		0	0	0	0	0		
46. Total Accident and Health			XXX	XXX		XXX		XXX		XXX		XXX		XXX		0	0	0	1	2,932		
47. Total			9,518,501		105		10,694,463		0	0		0		105		806,419	278	43,007,548	(531)	(49,786,707)	3,502	374,079,289

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____. Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____.

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____.

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____ 0.

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____.

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____.



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF Missouri

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....43,712								21,646	0	9,241		30,886
3. Term .....168,956							0	200,000	38,100	0		238,100
4. Indexed							0					0
5. Universal .....50,059							0	0	0	39,755		39,755
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	262,727	0	0	0	0	0	0	221,646	38,100	48,995	0	308,741
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....210,759,273							0	14,119,627		95,052,728		109,172,356
21. Indexed .....252,880,669							0	22,182,020		274,873,881		297,055,901
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	290,592		0		290,592
25. Other							0					0
26. Total Individual Annuities	463,639,942	0	0	0	0	0	0	36,592,239	0	369,926,609	0	406,518,848
Group Annuities												
27. Fixed .....2,300							0	55,323		160,764		216,087
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	(115,960)						0	1,058,957		0		1,058,957
32. Other							0					0
33. Total Group Annuities	(113,660)	0	0	0	0	0	0	1,114,280	0	160,764	0	1,275,045
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	50,212						0	XXX	XXX	XXX	49,975	49,975
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	108,402						0	XXX	XXX	XXX	113,583	113,583
45. Other health .....(d)	41						0	XXX	XXX	XXX		0
46. Total Accident and Health	158,655	0	0	0	0	0	0	XXX	XXX	XXX	163,558	163,558
47. Total	463,947,664 (c)	0	0	0	0	0	0	37,928,165	38,100	370,136,369	163,558	408,266,192

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF				Missouri		DURING THE YEAR				2024		NAIC Company Code		63312	
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)			
			Claims Settled During Current Year		Total Settled During Current Year		23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount		27 Number of Pols/ Certs	28 Amount						
			Totals Paid		Reduction by Compromise									Amount Rejected					
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount								18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		
Individual Life																			
1. Industrial									0	0	0								
2. Whole .....21,646		4	21,646	0	0	0	0	4	21,646	0	0	0	0	(6)	(52,384)	42	695,842		
3. Term .....238,100		2	238,100	0	0	0	0	2	238,100	0	0	0	0	(6)	(2,689,001)	153	35,752,999		
4. Indexed								0	0	0									
5. Universal .....0		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(107,676)	58	7,693,820		
6. Universal with secondary guarantees								0	0	0									
7. Variable								0	0	0									
8. Variable universal								0	0	0									
9. Credit								0	0	0									
10. Other								0	0	0									
11. Total Individual Life		259,746	6	259,746	0	0	0	6	259,746	0	0	0	(13)	(2,849,061)	253	44,142,660			
Group Life																			
12. Whole .....0		0	0	0				0	0	0	0	0	0		504	24	97,629		
13. Term								0	0	0									
14. Universal								0	0	0									
15. Variable								0	0	0									
16. Variable universal								0	0	0									
17. Credit								0	0	0									
18. Other								0	0	0							(a)		
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	504	24	97,629			
Individual Annuities																			
20. Fixed .....12,887,386		113	12,239,646					113	12,239,646	1,977,299	158	23,676,254	422	97,568,678	5,897	791,077,373			
21. Indexed .....19,096,581		209	21,289,460					209	21,289,460	3,122,631	603	95,198,206	(1,497)	(80,244,497)	10,350	1,383,975,112			
22. Variable with guarantees								0	0	0									
23. Variable without guarantees								0	0	0									
24. Life contingent payout .....49,241		3	49,241					3	49,241	0	3	8,766	(5)	(176,868)	50	1,927,098			
25. Other								0	0	0	19	2,598,360	(19)	(1,343,484)	98	6,139,960			
26. Total Individual Annuities		32,033,208	325	33,578,347	0	0	0	325	33,578,347	5,099,931	783	121,481,586	(1,099)	15,803,829	16,395	2,183,119,544			
Group Annuities																			
27. Fixed .....(1,189,231)		1	51,178					1	51,178	2,554	0	0	(3)	(7,185)	100	2,177,074			
28. Indexed								0	0	0									
29. Variable with guarantees								0	0	0									
30. Variable without guarantees								0	0	0									
31. Life contingent payout								0	0	0	0	0	(14)	(923,573)	283	10,715,328			
32. Other								0	0	0	0	0	(1)	(4,081)	1	1,015			
33. Total Group Annuities		(1,189,231)	1	51,178	0	0	0	1	51,178	2,554	0	0	(18)	(934,839)	384	12,893,417			
Accident and Health																			
34. Comprehensive individual .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
35. Comprehensive group .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
36. Medicare Supplement .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(4)	(12,872)	12	50,213			
37. Vision only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
38. Dental only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
39. Federal Employees Health Benefits Plan .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
40. Title XVIII Medicare .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
41. Title XIX Medicaid .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
43. Disability income .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	0		
44. Long-term care .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(4)	13,689	69	137,143			
45. Other health .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	1	41			
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(8)	817	82	187,397			
47. Total		31,103,723	332	33,889,271	0	0	0	332	33,889,271	5,102,485	783	121,481,586	(1,138)	12,021,250	17,138	2,240,440,647			

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 773,519 Group: \$ Total: \$ 773,519

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Montana DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....1,269							0	0	0	0		0
3. Term .....4,730							0	0	0	0		0
4. Indexed							0					0
5. Universal .....445							0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	6,444	0	0	0	0	0	0	0	0	0	0	0
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....4,607,128							0	847,164		1,093,425		1,940,588
21. Indexed .....2,062,868							0	1,645,842		10,842,585		12,488,427
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	54,692		0		54,692
25. Other							0					0
26. Total Individual Annuities	6,669,996	0	0	0	0	0	0	2,547,698	0	11,936,009	0	14,483,707
Group Annuities												
27. Fixed .....0							0	0		32,763		32,763
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	103,558		0		103,558
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	103,558	0	32,763	0	136,320
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	6,676,440 (c)	0	0	0	0	0	0	2,651,256	0	11,968,772	0	14,620,028

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Montana		DURING THE YEAR						2024		NAIC Company Code		63312							
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)							
		13		Claims Settled During Current Year						23				24		25		26		27		28			
		Incurred During Current Year		Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		Unpaid December 31, Current Year		Number of Pols/ Certs		Amount		Number of Pols/ Certs		Amount		Number of Pols/ Certs		Amount	
				14	15	16	17	18	19	20	21														
			Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount															
Individual Life																									
1. Industrial																									
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	0	(482)	10	69,424							
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	(4)	(1,410,000)	6	1,589,000							
4. Indexed																									
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	241	1	108,212							
6. Universal with secondary guarantees																									
7. Variable																									
8. Variable universal																									
9. Credit																									
10. Other																									
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	(4)	(1,410,241)		17	1,766,636							
Group Life																									
12. Whole		0	0	0					0	0	0	0	0	0	0	10	1	1,942							
13. Term									0	0	0	0	0	0											
14. Universal									0	0	0	0	0	0											
15. Variable									0	0	0	0	0	0											
16. Variable universal									0	0	0	0	0	0											
17. Credit									0	0	0	0	0	0											
18. Other									0	0	0	0	0	0				(a)							
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	10	1	1,942								
Individual Annuities																									
20. Fixed		350,466	2	435,482				2	435,482	46,403	21	4,338,979	(7)	(359,858)	159	12,766,420									
21. Indexed		1,561,279	8	1,611,793				8	1,611,793	113,607	27	2,156,003	(55)	(7,847,733)	308	31,082,316									
22. Variable with guarantees								0	0	0		0	0	0											
23. Variable without guarantees								0	0	0		0	0	0											
24. Life contingent payout		6,939	1	6,939				1	6,939	0	0	0	(2)	(66,139)	12	252,326									
25. Other								0	0	0	5	135,608	(2)	(237,790)	31	1,716,536									
26. Total Individual Annuities		1,918,684	11	2,054,214	0	0	0	11	2,054,214	160,011	53	6,630,590	(66)	(8,511,521)	510	45,817,599									
Group Annuities																									
27. Fixed		0	0	0				0	0	0	0	0	(2)	(6,272)	39	1,361,914									
28. Indexed								0	0	0		0													
29. Variable with guarantees								0	0	0		0													
30. Variable without guarantees								0	0	0		0													
31. Life contingent payout								0	0	0	0	0	(1)	(190,835)	24	1,216,783									
32. Other								0	0	0	0	0	0	0	0	0	0	0							
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	(3)	(197,107)	63	2,578,697									
Accident and Health																									
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	0	0							
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX															
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0	0							
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(6,987)	1	0	0	0							
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0	0							
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(6,987)	1	0	0	0							
47. Total		1,918,684	11	2,054,214	0	0	0	11	2,054,214	160,011	53	6,630,590	(73)	(10,125,846)	592	50,164,874									

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Nebraska DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	5,189						0	0	0	52		52
3. Term	98,103						0	0	0	0		0
4. Indexed							0					0
5. Universal	7,914						0	200,000	0	0		200,000
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	111,206	0	0	0	0	0	0	200,000	0	52	0	200,052
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	7,488,297						0	1,160,496		3,033,768		4,194,263
21. Indexed	27,333,557						0	4,423,405		16,538,206		20,961,612
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	45,866		0		45,866
25. Other							0					0
26. Total Individual Annuities	34,821,854	0	0	0	0	0	0	5,629,767	0	19,571,974	0	25,201,741
Group Annuities												
27. Fixed	0						0	3,714		83,617		87,331
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	18,291						0	328,824		0		328,824
32. Other							0					0
33. Total Group Annuities	18,291	0	0	0	0	0	0	332,538	0	83,617	0	416,156
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	11,639						0	XXX	XXX	XXX	3,413	3,413
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	60,030						0	XXX	XXX	XXX	1,130	1,130
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	71,669	0	0	0	0	0	0	XXX	XXX	XXX	4,543	4,543
47. Total	35,023,020 (c)	0	0	0	0	0	0	6,162,306	0	19,655,644	4,543	25,822,492

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Nebraska		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial								0	0	0							
2. Whole		0	0	0	0	0	0	0	0	0	0	0	(1)	(25,500)	8	164,792	
3. Term		0	0	0	0	0	0	0	0	0	0	0	(8)	(2,666,000)	55	15,184,000	
4. Indexed								0	0	0							
5. Universal		200,000	1	200,000	0	0	0	1	200,000	0	0	0	(1)	(197,512)	14	1,290,265	
6. Universal with secondary guarantees								0	0	0							
7. Variable								0	0	0							
8. Variable universal								0	0	0							
9. Credit								0	0	0							
10. Other								0	0	0							
11. Total Individual Life		200,000	1	200,000	0	0	0	1	200,000	0	0	0	(10)	(2,889,012)	77	16,639,057	
Group Life																	
12. Whole		0	0	0				0	0	0	0	0	0	0	0	0	
13. Term								0	0	0							
14. Universal								0	0	0							
15. Variable								0	0	0							
16. Variable universal								0	0	0							
17. Credit								0	0	0							
18. Other								0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Individual Annuities																	
20. Fixed		551,209	7	522,493				7	522,493	34,097	47	6,577,357	(39)	(2,134,497)	416	44,086,603	
21. Indexed		3,233,747	31	3,983,959				31	3,983,959	236,555	233	29,612,202	(176)	(15,357,438)	1,083	145,244,843	
22. Variable with guarantees								0	0	0							
23. Variable without guarantees								0	0	0							
24. Life contingent payout		0	0	0				0	0	0	2	97,038	(1)	(30,485)	10	398,745	
25. Other								0	0	0	9	971,163	(11)	(491,780)	46	1,739,566	
26. Total Individual Annuities		3,784,956	38	4,506,453	0	0	0	38	4,506,453	270,651	291	37,257,760	(227)	(18,014,200)	1,555	191,469,757	
Group Annuities																	
27. Fixed		1,417	0	1,417				0	1,417	0	0	0	(2)	(48,397)	48	968,519	
28. Indexed								0	0	0							
29. Variable with guarantees								0	0	0							
30. Variable without guarantees								0	0	0							
31. Life contingent payout								0	0	0	0	0	(2)	(212,405)	109	3,954,814	
32. Other								0	0	0	0	0	0	(2,130)	2	3,718	
33. Total Group Annuities		1,417	0	1,417	0	0	0	0	1,417	0	0	0	(4)	(262,932)	159	4,927,050	
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(2)	(7,049)	2	11,639	
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	3,817	24	61,554	
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(3)	(3,232)	26	73,193	
47. Total		3,986,372	39	4,707,869	0	0	0	39	4,707,869	270,651	291	37,257,760	(244)	(21,169,376)	1,817	213,109,058	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF Nevada

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members					Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....16,609								5,547	0	0		5,547
3. Term .....114,876							0	320,000	45,900	0		365,900
4. Indexed							0					0
5. Universal .....114,261							0	100,000	0	189,203		289,203
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	245,746	0	0	0	0	0	0	425,547	45,900	189,203	0	660,650
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....39,079,145							0	3,408,781		10,368,401		13,777,183
21. Indexed .....30,583,256							0	6,800,553		38,044,136		44,844,689
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	216,055		0		216,055
25. Other							0					0
26. Total Individual Annuities	69,662,401	0	0	0	0	0	0	10,425,390	0	48,412,537	0	58,837,927
Group Annuities												
27. Fixed .....5,400							0	525,607		311,009		836,617
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	527,171		0		527,171
32. Other							0					0
33. Total Group Annuities	5,400	0	0	0	0	0	0	1,052,779	0	311,009	0	1,363,788
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	14,452						0	XXX	XXX	XXX	4,925	4,925
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	357						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	14,809	0	0	0	0	0	0	XXX	XXX	XXX	4,925	4,925
47. Total	69,928,356 (c)	0	0	0	0	0	0	11,903,716	45,900	48,912,749	4,925	60,867,290

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Nevada		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year				Total Settled During Current Year					Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		5,547	3	5,547	0	0	0	0	3	5,547	0	0	0	(3)	(5,393)	33	321,246
3. Term		245,900	2	365,900	0	0	0	0	2	365,900	0	0	10,000	(9)	(1,674,000)	126	30,235,810
4. Indexed									0	0	0						
5. Universal		0	1	100,000	0	0	0	0	1	100,000	0	0	0	0	(929,577)	114	20,325,672
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		251,447	6	471,447	0	0	0	0	6	471,447	0	0	10,000	(12)	(2,608,970)	273	50,882,729
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	0	1	234
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	1	234	
Individual Annuities																	
20. Fixed		2,280,444	25	1,906,210					25	1,906,210	692,011	187	37,508,414	(126)	(7,349,970)	778	124,510,951
21. Indexed		6,478,687	32	6,549,840					32	6,549,840	901,194	167	29,918,764	(265)	(32,554,245)	1,331	189,023,350
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		63,750	2	63,750					2	63,750	0	1	89,501	(5)	(211,601)	25	1,097,926
25. Other									0	0	0	9	1,175,642	(23)	(1,343,040)	66	2,766,243
26. Total Individual Annuities		8,822,881	59	8,519,800	0	0	0	0	59	8,519,800	1,593,205	364	68,692,321	(419)	(41,458,856)	2,200	317,398,470
Group Annuities																	
27. Fixed		35,156	2	525,607					2	525,607	1,390	0	0	(1)	(325,552)	130	2,729,461
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(6)	(444,580)	151	8,554,578
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		35,156	2	525,607	0	0	0	0	2	525,607	1,390	0	0	(7)	(770,132)	281	11,284,039
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	948	2	14,452
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	2	357
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	948	4	14,809
47. Total			9,109,483	67	9,516,854	0	0	0	67	9,516,854	1,594,595	364	68,702,321	(438)	(44,837,009)	2,759	379,580,281

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF New Hampshire DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0	0	0	6,054		0
2. Whole 7,555							0	0	0	0		6,054
3. Term 25,232							0	0	7,000	0		7,000
4. Indexed							0					0
5. Universal 19,521							0	0	0	3,458		3,458
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	52,308	0	0	0	0	0	0	0	7,000	9,512	0	16,512
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed 8,225,692							0	4,399,141		3,842,696		8,241,837
21. Indexed 35,491,431							0	3,174,003		30,085,436		33,259,439
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout 0							0	407,828		0		407,828
25. Other							0					0
26. Total Individual Annuities	43,717,123	0	0	0	0	0	0	7,980,972	0	33,928,132	0	41,909,104
Group Annuities												
27. Fixed 29,497							0	34,565		724,228		758,793
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout 0							0	653,203		0		653,203
32. Other							0					0
33. Total Group Annuities	29,497	0	0	0	0	0	0	687,769	0	724,228	0	1,411,997
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	15,482						0	XXX	XXX	XXX	7,945	7,945
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	44,352						0	XXX	XXX	XXX	305,691	305,691
45. Other health (d)	83						0	XXX	XXX	XXX		0
46. Total Accident and Health	59,917	0	0	0	0	0	0	XXX	XXX	XXX	313,636	313,636
47. Total	43,858,845 (c)	0	0	0	0	0	0	8,668,741	7,000	34,661,872	313,636	43,651,249

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF				New Hampshire				DURING THE YEAR				2024		NAIC Company Code				63312	
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)					
		13		Claims Settled During Current Year						23	24			25	26	27	28						
		Incurred During Current Year	Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount						
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount													
Individual Life																							
1. Industrial																							
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	(1)	(3,176)	41	403,095					
3. Term		7,000	0	7,000	0	0	0	0	0	7,000	0	0	0	0	(2)	(650,000)	26	7,915,000					
4. Indexed																							
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	(1)	(391,304)	14	3,464,251					
6. Universal with secondary guarantees																							
7. Variable																							
8. Variable universal																							
9. Credit																							
10. Other																							
11. Total Individual Life		7,000	0	7,000	0	0	0	0	0	7,000	0	0	0	0	(4)	(1,044,480)	81	11,782,346					
Group Life																							
12. Whole		0	0	0					0	0	0	0	0	0		60	2	11,495					
13. Term									0	0	0	0	0										
14. Universal									0	0	0	0	0										
15. Variable									0	0	0	0	0										
16. Variable universal									0	0	0	0	0										
17. Credit									0	0	0	0	0										
18. Other									0	0	0	0	0							(a)			
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0		60	2	11,495					
Individual Annuities																							
20. Fixed		2,216,893	30	2,135,958					30	2,135,958	440,911	42	7,638,232	(75)	(2,463,019)	939	77,314,058						
21. Indexed		2,759,939	32	3,078,012					32	3,078,012	162,993	235	35,313,357	(221)	(17,646,138)	1,699	221,203,728						
22. Variable with guarantees									0	0	0	0	0										
23. Variable without guarantees									0	0	0	0	0										
24. Life contingent payout		0	0	0					0	0	0	1	26,432	(12)	(495,443)	85	2,980,198						
25. Other									0	0	0	24	1,651,931	(29)	(1,900,731)	144	7,417,238						
26. Total Individual Annuities		4,976,832	62	5,213,971	0	0	0	0	62	5,213,971	603,904	302	44,629,952	(337)	(22,505,331)	2,867	308,915,223						
Group Annuities																							
27. Fixed		34,565	0	34,565					0	34,565	0	0	0	(7)	(532,995)	145	5,142,761						
28. Indexed									0	0	0	0	0										
29. Variable with guarantees									0	0	0	0	0										
30. Variable without guarantees									0	0	0	0	0										
31. Life contingent payout									0	0	0	0	0	1	(333,381)	136	11,197,386						
32. Other									0	0	0	0	0	0	0	0	0						
33. Total Group Annuities		34,565	0	34,565	0	0	0	0	0	34,565	0	0	0	(6)	(866,377)	281	16,340,146						
Accident and Health																							
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	1,057	3	15,481						
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX												
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0						
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(3)	2,499	30	53,582						
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	17	2	83						
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(3)	3,573	35	69,146						
47. Total		5,018,397	62	5,255,536	0	0	0	0	62	5,255,536	603,904	302	44,629,952	(350)	(24,412,555)	3,266	337,118,357						

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 1,358,044 Group: \$ Total: \$ 1,358,044

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF New Jersey

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....20,143							0	57,830	0	0		57,830
3. Term .....305,435							0	560,000	0	0		560,000
4. Indexed							0					0
5. Universal .....141,880							0	50,000	0	35,880		85,880
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	467,458	0	0	0	0	0	0	667,830	0	35,880	0	703,710
Group Life												
12. Whole							0	0	0	0		0
13. Term .....0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....161,617,675							0	24,408,908		88,121,394		112,530,303
21. Indexed .....227,464,581							0	21,727,723		156,356,760		178,084,483
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....246,288							0	560,986		0		560,986
25. Other							0					0
26. Total Individual Annuities	389,328,544	0	0	0	0	0	0	46,697,617	0	244,478,155	0	291,175,772
Group Annuities												
27. Fixed .....155,822							0	344,633		2,012,803		2,357,436
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....7,922							0	2,635,630		159,277		2,794,907
32. Other							0					0
33. Total Group Annuities	163,744	0	0	0	0	0	0	2,980,262	0	2,172,080	0	5,152,343
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	2,792						0	XXX	XXX	XXX	112	112
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	144						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	3,303						0	XXX	XXX	XXX	1,844	1,844
45. Other health .....(d)	221						0	XXX	XXX	XXX		0
46. Total Accident and Health	6,460	0	0	0	0	0	0	XXX	XXX	XXX	1,956	1,956
47. Total	389,966,206 (c)	0	0	0	0	0	0	50,345,710	0	246,686,114	1,956	297,033,781

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		New Jersey		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										Policy Exhibit							
		13 Incurred During Current Year		Claims Settled During Current Year								22 Unpaid December 31, Current Year		Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year				23	24	25	26	27	28
				14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount			Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																			
1. Industrial									0	0	0								
2. Whole		70,375		14	67,523	0	0	0	14	67,523	5,177	1	10,000	(11)	(122,821)	152	2,195,812		
3. Term		400,000		4	560,000	0	0	0	4	560,000	0	0	0	(20)	(6,403,000)	280	69,814,140		
4. Indexed									0	0	0								
5. Universal		50,000		1	50,000	0	0	0	1	50,000	0	0	10,000	(7)	(606,229)	174	24,786,671		
6. Universal with secondary guarantees									0	0	0								
7. Variable									0	0	0								
8. Variable universal									0	0	0								
9. Credit									0	0	0								
10. Other									0	0	0								
11. Total Individual Life		520,375		19	677,523	0	0	0	19	677,523	5,177	1	20,000	(38)	(7,132,050)	606	96,796,623		
Group Life																			
12. Whole		0		0	0				0	0	0	0	0	(6)	(12,529)	27	52,657		
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0								
18. Other									0	0	0						(a)		
19. Total Group Life		0		0	0	0	0	0	0	0	0	0	0	(6)	(12,529)	27	52,657		
Individual Annuities																			
20. Fixed		18,757,101		201	20,674,500				201	20,674,500	4,898,987	1,051	175,336,221	(1,079)	(102,091,227)	7,389	907,256,913		
21. Indexed		21,026,382		173	21,410,470				173	21,410,470	5,511,908	1,557	253,361,480	(1,605)	(166,938,333)	8,045	1,085,827,594		
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		176,118		6	176,118				6	176,118	0	11	750,384	(13)	(520,012)	73	3,270,554		
25. Other									0	0	0	36	4,169,880	(40)	(3,070,907)	203	10,568,422		
26. Total Individual Annuities		39,959,602		380	42,261,089	0	0	0	380	42,261,089	10,410,895	2,655	433,617,965	(2,737)	(272,620,479)	15,710	2,006,923,483		
Group Annuities																			
27. Fixed		702,131		6	343,805				6	343,805	427,402	0	0	(40)	(1,408,065)	664	23,585,351		
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0	0	0	(26)	(2,051,780)	530	34,161,823		
32. Other									0	0	0	0	0	0	0	0	0		
33. Total Group Annuities		702,131		6	343,805	0	0	0	6	343,805	427,402	0	0	(66)	(3,459,845)	1,194	57,747,174		
Accident and Health																			
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	68	1	2,792		
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	1	144		
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	229	4	5,242		
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	1	221		
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	297	7	8,399		
47. Total		41,182,108		405	43,282,417	0	0	0	405	43,282,417	10,843,475	2,656	433,637,965	(2,847)	(283,224,606)	17,544	2,161,528,336		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 2,519,990 Group: \$ _____ Total: \$ _____ 2,519,990

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF New Mexico		DURING THE YEAR 2024				NAIC Company Code 63312					
Line of Business		1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
				3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life													
1. Industrial								0					0
2. Whole		149,583						0	0	0	21,549		21,549
3. Term		100,170						0	100,000	0	0		100,000
4. Indexed								0					0
5. Universal		48,972						0	0	0	47,098		47,098
6. Universal with secondary guarantees								0					0
7. Variable								0					0
8. Variable universal								0					0
9. Credit								0					0
10. Other								0					0
11. Total Individual Life		298,725	0	0	0	0	0	0	100,000	0	68,647	0	168,647
Group Life													
12. Whole								0	0	0	0		0
13. Term								0	0	0	0		0
14. Universal								0	0	0	0		0
15. Variable								0					0
16. Variable universal								0					0
17. Credit								0					0
18. Other								0					0
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities													
20. Fixed		10,542,394						0	1,811,408		3,202,519		5,013,926
21. Indexed		15,344,646						0	2,477,519		19,673,432		22,150,951
22. Variable with guarantees								0					0
23. Variable without guarantees								0					0
24. Life contingent payout		0						0	175,169		0		175,169
25. Other								0					0
26. Total Individual Annuities		25,887,040	0	0	0	0	0	0	4,464,096	0	22,875,950	0	27,340,046
Group Annuities													
27. Fixed		7,060						0	3,846		44,801		48,648
28. Indexed								0					0
29. Variable with guarantees								0					0
30. Variable without guarantees								0					0
31. Life contingent payout		0						0	126,728		0		126,728
32. Other								0					0
33. Total Group Annuities		7,060	0	0	0	0	0	0	130,574	0	44,801	0	175,375
Accident and Health													
34. Comprehensive individual (d)								0	XXX	XXX	XXX		0
35. Comprehensive group (d)								0	XXX	XXX	XXX		0
36. Medicare Supplement (d)		0						0	XXX	XXX	XXX	0	0
37. Vision only (d)								0	XXX	XXX	XXX		0
38. Dental only (d)								0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)								0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d) (e)								0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)								0	XXX	XXX	XXX		0
42. Credit A&H								0	XXX	XXX	XXX		0
43. Disability income (d)		0						0	XXX	XXX	XXX		0
44. Long-term care (d)		0						0	XXX	XXX	XXX	0	0
45. Other health (d)		0						0	XXX	XXX	XXX		0
46. Total Accident and Health			0		0		0	0	XXX	XXX	XXX		0
47. Total		26,192,825 (c)	0	0	0	0	0	0	4,694,670	0	22,989,399	0	27,684,068

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		New Mexico		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits															
		13	Claims Settled During Current Year								22	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14	15	16	17	18	19	20	21							
	Incurred During Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																	
1. Industrial																	
2. Whole		0	0	0	0	0	0	0	0	0	0	0	1	1,948,723	11	2,183,856	
3. Term		250,000	1	100,000	0	0	0	0	100,000	150,000	0	0	(5)	(4,710,000)	63	13,692,450	
4. Indexed																	
5. Universal		0	0	0	0	0	0	0	0	0	0	0	(3)	(252,010)	47	6,578,489	
6. Universal with secondary guarantees																	
7. Variable																	
8. Variable universal																	
9. Credit																	
10. Other																	
11. Total Individual Life		250,000	1	100,000	0	0	0	0	100,000	150,000	0	0	(7)	(3,013,286)	121	22,454,795	
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	62	3	12,466	
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	62	3	12,466	
Individual Annuities																	
20. Fixed		.902,527	.5	832,588					.5	832,588	78,163	.47	10,373,925	(25)	(2,642,860)	.294	34,974,855
21. Indexed		2,503,456	.16	2,418,022					.16	2,418,022	596,018	.104	15,453,823	(153)	(16,511,320)	.727	85,656,787
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	0	0	(1)	(110,306)	.16	1,250,165
25. Other									0	0	0	.4	239,125	(9)	(874,853)	.43	2,589,412
26. Total Individual Annuities		3,405,983	.21	3,250,610	0	0	0	0	.21	3,250,610	674,181	.155	26,066,873	(188)	(20,139,339)	1,080	124,471,220
Group Annuities																	
27. Fixed		(7,327)	.1	3,636					.1	3,636	0	0	0	(2)	97,388	.72	1,764,342
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(1)	(116,956)	.39	1,733,808
32. Other									0	0	0	0	0	(1)	(699)	.0	0
33. Total Group Annuities		(7,327)	.1	3,636	0	0	0	0	1	3,636	0	0	0	(4)	(20,267)	111	3,498,150
Accident and Health																	
34. Comprehensive individual		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
35. Comprehensive group		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
36. Medicare Supplement		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX			0	0	0	
37. Vision only		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
38. Dental only		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
40. Title XVIII Medicare		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
41. Title XIX Medicaid		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
42. Credit A&H		XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX						
43. Disability income		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX			0	0	0	
44. Long-term care		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX			0	0	0	
45. Other health		(d) XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX			0	0	0	
46. Total Accident and Health		XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	.XXX	0	0	0	0	0	
47. Total		3,648,656	23	3,354,245	0	0	0	0	23	3,354,245	824,181	155	26,066,873	(199)	(23,172,830)	1,315	150,436,631

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 11,035 Group: \$ Total: \$ 11,035

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF New York

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....4,086							0	11,347	0	0		11,347
3. Term .....35,849							0	100,300	0	0		100,300
4. Indexed							0					0
5. Universal .....59,213							0	0	0	20,739		20,739
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	99,148	0	0	0	0	0	0	111,647	0	20,739	0	132,386
Group Life												
12. Whole							0	0	0	0		0
13. Term .....1,240							0	1,240	0	0		1,240
14. Universal .....0							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	1,240	0	0	0	1,240
Individual Annuities												
20. Fixed .....5,844,871							0	5,384,695		4,130,084		9,514,779
21. Indexed .....30,536,450							0	5,247,273		29,341,960		34,589,233
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	285,608		0		285,608
25. Other							0					0
26. Total Individual Annuities	36,381,321	0	0	0	0	0	0	10,917,575	0	33,472,044	0	44,389,620
Group Annuities												
27. Fixed .....2,000							0	20,185		168,339		188,524
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	891,305		0		891,305
32. Other							0					0
33. Total Group Annuities	2,000	0	0	0	0	0	0	911,490	0	168,339	0	1,079,829
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	12,163						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	433						0	XXX	XXX	XXX		0
46. Total Accident and Health	12,596	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	36,495,065 (c)	0	0	0	0	0	0	11,941,953	0	33,661,122	0	45,603,075

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		New York		DURING THE YEAR					2024		NAIC Company Code		63312	
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount								
Individual Life																		
1. Industrial									0	0	0							
2. Whole		11,347	2	11,347	0	0	0	0	2	11,347	0	0	0	(1)	(6,280)	9	76,999	
3. Term		100,000	2	100,300	0	0	0	0	2	100,300	0	0	0	(4)	40,000	34	12,847,000	
4. Indexed									0	0	0							
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(6)	(794,323)	51	10,765,747	
6. Universal with secondary guarantees									0	0	0							
7. Variable									0	0	0							
8. Variable universal									0	0	0							
9. Credit									0	0	0							
10. Other									0	0	0							
11. Total Individual Life		111,347	4	111,647	0	0	0	0	4	111,647	0	0	0	(11)	(760,603)	94	23,689,746	
Group Life																		
12. Whole		0	0	0					0	0	3,543	0	0	0	301	8	62,546	
13. Term									0	0	0							
14. Universal									0	0	0							
15. Variable									0	0	0							
16. Variable universal									0	0	0							
17. Credit									0	0	0							
18. Other									0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	3,543	0	0	0	301	8	62,546	
Individual Annuities																		
20. Fixed		3,060,690	19	3,934,666					19	3,934,666	268,279	0	0	13	4,822,217	385	34,079,146	
21. Indexed		5,940,938	27	5,139,795					27	5,139,795	1,675,974	0	0	(14)	24,483,712	1,295	208,980,993	
22. Variable with guarantees									0	0	0							
23. Variable without guarantees									0	0	0							
24. Life contingent payout		0	0	0					0	0	0	1	31,008	(1)	(128,500)	25	2,323,589	
25. Other									0	0	0	4	203,571	(9)	(742,425)	81	2,985,810	
26. Total Individual Annuities		9,001,628	46	9,074,461	0	0	0	0	46	9,074,461	1,944,253	5	234,579	(11)	28,435,004	1,786	248,369,538	
Group Annuities																		
27. Fixed		21,772	1	19,389					1	19,389	2,384	0	0	(6)	(437,758)	138	1,995,306	
28. Indexed									0	0	0							
29. Variable with guarantees									0	0	0							
30. Variable without guarantees									0	0	0							
31. Life contingent payout									0	0	0	0	0	(12)	(722,263)	290	11,591,820	
32. Other									0	0	0	0	0	0	(630)	1	4,177	
33. Total Group Annuities		21,772	1	19,389	0	0	0	0	1	19,389	2,384	0	0	(18)	(1,160,651)	429	13,591,303	
Accident and Health																		
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0	
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	2,224	4	13,113	
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	42	3	434	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	2,266	7	13,547	
47. Total		9,134,748	51	9,205,497	0	0	0	0	51	9,205,497	1,950,179	5	234,579	(40)	26,516,317	2,324	285,726,681	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF North Carolina DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	146,156						0	439,943	33	21,063		461,039
3. Term	532,134						0	750,000	0	0		750,000
4. Indexed							0					0
5. Universal	232,454						0	833,021	0	104,772		937,793
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	910,744	0	0	0	0	0	0	2,022,964	33	125,835	0	2,148,832
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	120,327,830						0	26,744,366		72,243,753		98,988,119
21. Indexed	252,536,846						0	44,344,187		216,826,566		261,170,754
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	514,090						0	1,162,939		(14,416)		1,148,523
25. Other							0					0
26. Total Individual Annuities	373,378,766	0	0	0	0	0	0	72,251,493	0	289,055,903	0	361,307,396
Group Annuities												
27. Fixed	58,853						0	168,231		1,822,232		1,990,463
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	1,386,411		0		1,386,411
32. Other							0					0
33. Total Group Annuities	58,853	0	0	0	0	0	0	1,554,641	0	1,822,232	0	3,376,874
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	157,398						0	XXX	XXX	XXX	96,877	96,877
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	1,094,349						0	XXX	XXX	XXX	1,099,641	1,099,641
45. Other health (d)	170						0	XXX	XXX	XXX		0
46. Total Accident and Health	1,251,917	0	0	0	0	0	0	XXX	XXX	XXX	1,196,518	1,196,518
47. Total	375,600,280 (c)	0	0	0	0	0	0	75,829,098	33	291,003,970	1,196,518	368,029,620

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		North Carolina		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial									0	0	0						
2. Whole		409,999	66	439,976	0	0	0	0	66	439,976	1,931	0	0	(65)	(428,869)	806	5,705,338
3. Term		750,000	6	750,000	0	0	0	0	6	750,000	0	0	40,000	(34)	(13,685,000)	483	116,492,672
4. Indexed									0	0	0						
5. Universal		788,021	12	833,021	0	0	0	0	12	833,021	30,000	0	0	(26)	(2,305,897)	292	34,972,853
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		1,948,020	84	2,022,997	0	0	0	0	84	2,022,997	31,931	0	40,000	(125)	(16,419,767)	1,581	157,170,863
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	212	7	38,644
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	212	7	38,644	
Individual Annuities																	
20. Fixed		21,269,169	235	22,506,291					235	22,506,291	4,408,043	740	132,520,802	(802)	(83,845,709)	5,962	608,850,060
21. Indexed		39,498,135	331	43,297,906					331	43,297,906	6,909,783	1,556	260,960,905	(2,013)	(181,186,315)	11,299	1,481,738,400
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		308,868	6	308,868					6	308,868	0	12	1,518,714	(16)	(1,407,458)	145	7,264,669
25. Other									0	0	0	65	4,766,486	(72)	(3,982,487)	298	13,086,754
26. Total Individual Annuities		61,076,172	572	66,113,065	0	0	0	0	572	66,113,065	11,317,826	2,373	399,766,908	(2,903)	(270,421,969)	17,704	2,110,939,883
Group Annuities																	
27. Fixed		174,018	10	166,462					10	166,462	111,848	0	0	(70)	(1,384,394)	904	16,147,708
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(25)	(1,062,988)	408	16,276,804
32. Other									0	0	0	0	0	0	(1,727)	1	1,614
33. Total Group Annuities		174,018	10	166,462	0	0	0	0	10	166,462	111,848	0	0	(95)	(2,449,109)	1,313	32,426,125
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(10)	(56,218)	23	157,398
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(12)	(29,224)	438	1,216,198
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	(22)	2	170
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(22)	(85,464)	463	1,373,766
47. Total		63,198,209	666	68,302,524	0	0	0	0	666	68,302,524	11,461,605	2,373	399,806,908	(3,145)	(289,376,097)	21,068	2,301,949,281

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 551,725 Group: \$ Total: \$ 551,725

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF North Dakota DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 2,091							0	0	0	0		0
3. Term 30,003							0	0	0	0		0
4. Indexed							0					0
5. Universal 13,270							0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	45,364	0	0	0	0	0	0	0	0	0	0	0
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed 7,307,169							0	466,023		331,187		797,210
21. Indexed 12,546,786							0	1,586,454		19,474,692		21,061,145
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	4,321		28,542		32,863
25. Other							0					0
26. Total Individual Annuities	19,853,955	0	0	0	0	0	0	2,056,797	0	19,834,421	0	21,891,218
Group Annuities												
27. Fixed 0							0	0		5,299		5,299
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	20,692						0	20,459		0		20,459
32. Other							0					0
33. Total Group Annuities	20,692	0	0	0	0	0	0	20,459	0	5,299	0	25,757
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	0						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	19,920,011 (c)	0	0	0	0	0	0	2,077,256	0	19,839,719	0	21,916,975

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		North Dakota		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28		
				14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																			
1. Industrial																			
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	3	25,171			
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(250,000)	6	1,473,000		
4. Indexed																			
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	(871)	4	963,539		
6. Universal with secondary guarantees																			
7. Variable																			
8. Variable universal																			
9. Credit																			
10. Other																			
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(250,871)	13	2,461,710		
Group Life																			
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0		
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0								
18. Other									0	0	0					(a)			
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Individual Annuities																			
20. Fixed		305,465	3	273,773					3	273,773	31,693	46	7,308,414	(6)	333,422	229	29,351,196		
21. Indexed		17,967	16	1,537,411					16	1,537,411	0	74	12,260,168	(157)	(15,968,483)	457	71,242,604		
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		0	0	0					0	0	0	1	338,635	(1)	(46,647)	3	463,513		
25. Other									0	0	0	4	72,323	(2)	(152,340)	17	639,601		
26. Total Individual Annuities		323,433	19	1,811,183	0	0	0	0	19	1,811,183	31,693	125	19,979,540	(166)	(15,834,048)	706	101,696,913		
Group Annuities																			
27. Fixed		0	0	0					0	0	0	0	0	0	3,616	13	239,732		
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0	0	0	(1)	(87,177)	10	303,680		
32. Other									0	0	0	0	0	0	0	0	0		
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(83,561)	23	543,413		
Accident and Health																			
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0		
47. Total			323,433	19	1,811,183	0	0	0	0	19	1,811,183	31,693	125	19,979,540	(168)	(16,168,480)	742	104,702,036	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Ohio DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....38,852								40,000	0	13,399		53,399
3. Term .....202,440							0	365,000	89,400	0		454,400
4. Indexed							0					0
5. Universal .....82,624							0	266,090	0	53,100		319,189
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	323,916	0	0	0	0	0	0	671,090	89,400	66,499	0	826,988
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....120,434,757							0	28,428,544		66,348,091		94,776,635
21. Indexed .....263,988,325							0	32,897,130		227,148,739		260,045,869
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....202,525							0	1,222,613		51,823		1,274,436
25. Other							0					0
26. Total Individual Annuities	384,625,607	0	0	0	0	0	0	62,548,287	0	293,548,653	0	356,096,940
Group Annuities												
27. Fixed .....440,255							0	603,458		5,229,305		5,832,763
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....196,594							0	5,516,776		60,152		5,576,928
32. Other							0					0
33. Total Group Annuities	636,849	0	0	0	0	0	0	6,120,234	0	5,289,457	0	11,409,691
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	45,142						0	XXX	XXX	XXX	16,035	16,035
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	767						0	XXX	XXX	XXX	4,258	4,258
45. Other health .....(d)	133						0	XXX	XXX	XXX		0
46. Total Accident and Health	46,042	0	0	0	0	0	0	XXX	XXX	XXX	20,293	20,293
47. Total	385,632,414 (c)	0	0	0	0	0	0	69,339,611	89,400	298,904,609	20,293	368,353,913

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Ohio		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		18,000	5	40,000	0	0	0	0	5	40,000	0	2	100,000	(7)	(67,982)	138	1,206,912
3. Term		454,400	3	454,400	0	0	0	0	3	454,400	0	0	5,000	(26)	(12,680,000)	219	55,232,278
4. Indexed									0	0	0						
5. Universal		516,090	4	266,090	0	0	0	0	4	266,090	250,000	0	0	(9)	(1,771,800)	102	13,876,075
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		988,490	12	760,490	0	0	0	0	12	760,490	250,000	2	105,000	(42)	(14,519,782)	459	70,315,265
Group Life																	
12. Whole		0	0	0					0	0	258	0	0	0	0	2	287
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						
19. Total Group Life		0	0	0	0	0	0	0	0	0	258	0	0	0	0	2	287
Individual Annuities																	
20. Fixed		19,585,886	290	21,472,882					290	21,472,882	4,195,583	882	118,917,949	(1,123)	(70,882,374)	8,151	695,200,726
21. Indexed		34,289,082	358	31,113,016					358	31,113,016	10,062,078	1,760	266,507,209	(2,386)	(195,451,807)	13,171	1,542,728,000
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		363,937	7	363,937					7	363,937	0	17	653,546	(25)	(1,313,126)	153	5,699,964
25. Other									0	0	0	81	5,723,245	(112)	(6,589,878)	456	19,010,949
26. Total Individual Annuities		54,238,905	655	52,949,835	0	0	0	0	655	52,949,835	14,257,661	2,740	391,801,949	(3,646)	(274,237,186)	21,931	2,262,639,638
Group Annuities																	
27. Fixed		293,286	19	398,948					19	398,948	154,664	0	0	(160)	(3,237,183)	2,232	67,933,535
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	1	47,192	(66)	(4,646,076)	1,371	75,131,395
32. Other									0	0	0	0	0	(1)	(15,219)	6	29,665
33. Total Group Annuities		293,286	19	398,948	0	0	0	0	19	398,948	154,664	1	47,192	(227)	(7,898,478)	3,609	143,094,595
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(11,838)	7	45,143
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	272	2	767	
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	1	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(1)	(11,566)	10	46,043
47. Total		55,520,681	686	54,109,273	0	0	0	0	686	54,109,273	14,662,583	2,743	391,954,141	(3,916)	(296,667,012)	26,011	2,476,095,828

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 887,090 Group: \$ Total: \$ 887,090

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Oklahoma DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....19,902							0	21,000	0	0		21,000
3. Term .....430,556							0	250,000	0	0		250,000
4. Indexed							0					0
5. Universal .....22,193							0	1,318,339	0	60,132		1,378,471
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	472,651	0	0	0	0	0	0	1,589,339	0	60,132	0	1,649,471
Group Life												
12. Whole							0	7,514	0	0		7,514
13. Term .....0							0		0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	7,514	0	0	0	7,514
Individual Annuities												
20. Fixed .....6,884,852							0	1,272,342		3,285,860		4,558,202
21. Indexed .....36,657,075							0	3,850,108		17,427,356		21,277,464
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	120,367		0		120,367
25. Other							0					0
26. Total Individual Annuities	43,541,927	0	0	0	0	0	0	5,242,816	0	20,713,216	0	25,956,033
Group Annuities												
27. Fixed .....1,200							0	34,488		378,949		413,437
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	368,018		0		368,018
32. Other							0					0
33. Total Group Annuities	1,200	0	0	0	0	0	0	402,506	0	378,949	0	781,454
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	80,891						0	XXX	XXX	XXX	53,509	53,509
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	3,073						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	83,964	0	0	0	0	0	0	XXX	XXX	XXX	53,509	53,509
47. Total	44,099,742 (c)	0	0	0	0	0	0	7,242,175	0	21,152,297	53,509	28,447,982

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Oklahoma		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		11,000	4	121,000	0	0	0	0	4	121,000	0	2	50,000	(5)	(221,776)	56	1,632,466
3. Term		250,000	1	250,000	0	0	0	0	1	250,000	0	0	0	(27)	(6,681,972)	298	52,332,028
4. Indexed									0	0	0						
5. Universal		1,218,339	2	1,218,339	0	0	0	0	2	1,218,339	0	0	0	(5)	(1,468,239)	20	2,523,358
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		1,479,339	7	1,589,339	0	0	0	0	7	1,589,339	0	2	50,000	(37)	(8,371,987)	374	56,487,853
Group Life																	
12. Whole		7,514	3	7,514					3	7,514	0	0	0	(3)	(7,056)	28	92,805
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		7,514	3	7,514	0	0	0	0	3	7,514	0	0	0	(3)	(7,056)	28	92,805
Individual Annuities																	
20. Fixed		1,058,935	17	877,532					17	877,532	251,104	48	6,550,229	(49)	(3,626,005)	736	54,921,645
21. Indexed		4,894,199	16	3,763,163					16	3,763,163	1,508,753	196	35,665,313	(168)	(13,056,922)	1,050	152,398,213
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	6	321,171	(5)	(153,445)	23	940,797
25. Other									0	0	0	7	802,482	(16)	(632,390)	39	1,443,980
26. Total Individual Annuities		5,953,134	33	4,640,695	0	0	0	0	33	4,640,695	1,759,856	257	43,339,195	(238)	(17,468,762)	1,848	209,704,635
Group Annuities																	
27. Fixed		30,311	5	34,488					5	34,488	1,970	0	0	(13)	(265,694)	302	4,223,568
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(1)	(126,526)	133	4,477,401
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		30,311	5	34,488	0	0	0	0	5	34,488	1,970	0	0	(14)	(392,220)	435	8,700,969
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(2)	6,688	12	80,890
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	3	3,073
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(2)	6,688	15	83,963
47. Total			7,470,298	48	6,272,036	0	0	0	48	6,272,036	1,761,826	259	43,389,195	(294)	(26,233,337)	2,700	275,070,225

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 51,969 Group: \$ Total: \$ 51,969

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Oregon DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....2,801								450,427	19,871	4,330		474,628
3. Term .....38,290							0	0	0	0		0
4. Indexed							0					0
5. Universal .....45,416							0	50,000	0	26,131		76,131
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	86,507	0	0	0	0	0	0	500,427	19,871	30,461	0	550,759
Group Life												
12. Whole							0	0	0	0		0
13. Term .....0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....37,349,261							0	3,744,721		8,583,764		12,328,485
21. Indexed .....43,290,923							0	11,045,196		59,919,189		70,964,385
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....145,338							0	578,884		0		578,884
25. Other							0					0
26. Total Individual Annuities	80,785,522	0	0	0	0	0	0	15,368,801	0	68,502,953	0	83,871,754
Group Annuities												
27. Fixed .....0							0	231,534		555,428		786,962
28. Indexed .....0							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....0							0	450,519		0		450,519
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	682,053	0	555,428	0	1,237,482
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	13,280						0	XXX	XXX	XXX	6,564	6,564
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	64,247						0	XXX	XXX	XXX	1,453	1,453
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	77,527	0	0	0	0	0	0	XXX	XXX	XXX	8,017	8,017
47. Total	80,949,556 (c)	0	0	0	0	0	0	16,551,281	19,871	69,088,843	8,017	85,668,013

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Oregon		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		477,051	158	490,298	0	0	0	0	158	490,298	40,035	1	5,000	(170)	(481,472)	2,242	5,477,675
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(6)	(1,839,000)	46	7,085,000
4. Indexed									0	0	0						
5. Universal		50,000	1	50,000	0	0	0	0	1	50,000	0	0	0	(3)	(147,205)	49	6,580,558
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		527,051	159	540,298	0	0	0	0	159	540,298	40,035	1	5,000	(179)	(2,467,677)	2,337	19,143,233
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	82	2	15,071
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	82	2	15,071	
Individual Annuities																	
20. Fixed		2,177,469	14	2,056,093					14	2,056,093	407,482	224	42,527,869	(103)	(13,480,534)	1,103	125,347,031
21. Indexed		7,853,714	78	10,715,681					78	10,715,681	706,841	225	43,832,381	(518)	(54,930,818)	2,081	252,914,614
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		208,017	3	208,017					3	208,017	0	7	660,963	(2)	(279,136)	79	2,970,085
25. Other									0	0	0	19	1,943,515	(29)	(972,324)	126	5,484,681
26. Total Individual Annuities		10,239,200	95	12,979,791	0	0	0	0	95	12,979,791	1,114,324	475	88,964,727	(652)	(69,662,813)	3,389	386,716,410
Group Annuities																	
27. Fixed		220,266	7	231,534					7	231,534	0	0	0	(15)	(414,898)	280	7,471,212
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(1)	(242,815)	137	5,092,504
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		220,266	7	231,534	0	0	0	0	7	231,534	0	0	0	(16)	(657,713)	417	12,563,716
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	(1,307)	2	13,280
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX				4,094	31	68,443
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	63	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	2,850	33	81,723
47. Total		10,986,516	261	13,751,623	0	0	0	0	261	13,751,623	1,154,358	476	88,969,727	(847)	(72,785,271)	6,178	418,520,153

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 216,207 Group: \$ Total: \$ 216,207

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Pennsylvania DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	74,596						0	38,076	2,069	2,640		42,785
3. Term	489,216						0	274,000	133,100	0		407,100
4. Indexed							0					0
5. Universal	455,795						0	500,358	0	261,584		761,942
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	1,019,607	0	0	0	0	0	0	812,434	135,169	264,224	0	1,211,827
Group Life												
12. Whole							0	7,163	0	0		7,163
13. Term							0	6,757	0	0		6,757
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	13,920	0	0	0	13,920
Individual Annuities												
20. Fixed	232,668,364						0	28,880,190		102,736,563		131,616,753
21. Indexed	284,997,257						0	36,410,520		259,699,734		296,110,255
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	20,000						0	862,166		0		862,166
25. Other							0					0
26. Total Individual Annuities	517,685,621	0	0	0	0	0	0	66,152,877	0	362,436,297	0	428,589,173
Group Annuities												
27. Fixed	4,121						0	(2,536)		348,017		345,481
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	31,659						0	3,660,270		53,613		3,713,884
32. Other							0					0
33. Total Group Annuities	35,780	0	0	0	0	0	0	3,657,734	0	401,630	0	4,059,365
Accident and Health												
34. Comprehensive individual	(d)						0	XXX	XXX	XXX		0
35. Comprehensive group	(d)						0	XXX	XXX	XXX		0
36. Medicare Supplement	(d)	10,071					0	XXX	XXX	XXX	14,372	14,372
37. Vision only	(d)						0	XXX	XXX	XXX		0
38. Dental only	(d)						0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
40. Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
41. Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income	(d)	0					0	XXX	XXX	XXX		0
44. Long-term care	(d)	6,300					0	XXX	XXX	XXX	0	0
45. Other health	(d)	0					0	XXX	XXX	XXX		0
46. Total Accident and Health		16,371	0	0	0	0	0	XXX	XXX	XXX	14,372	14,372
47. Total	518,757,379 (c)	0	0	0	0	0	0	70,636,964	135,169	363,102,152	14,372	433,888,658

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Pennsylvania		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Claims Settled During Current Year		Total Settled During Current Year		23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount		27 Number of Pols/ Certs	28 Amount				
			Totals Paid		Reduction by Compromise									Amount Rejected			
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount								18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount
Individual Life																	
1. Industrial																	
2. Whole		63,214	7	40,145	0	0	0	0	7	40,145	23,069	2	50,000	(6)	(31,160)	154	1,944,748
3. Term		607,100	3	407,100	0	0	0	0	3	407,100	200,000	0	0	(50)	(19,526,000)	457	112,104,999
4. Indexed									0	0	0						
5. Universal		525,358	5	500,358	0	0	0	0	5	500,358	225,000	0	0	(16)	(2,945,100)	314	42,858,048
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		1,195,672	15	947,603	0	0	0	0	15	947,603	448,069	2	50,000	(72)	(22,502,260)	925	156,907,795
Group Life																	
12. Whole		7,163	1	7,163					1	7,163	0	0	0	(1)	(7,057)	4	22,932
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						(a)
18. Other									0	0	0						
19. Total Group Life		7,163	1	7,163	0	0	0	0	1	7,163	0	0	0	(1)	(7,057)	4	22,932
Individual Annuities																	
20. Fixed		22,364,024	255	23,533,046					255	23,533,046	4,898,256	1,660	238,519,843	(1,376)	(108,778,016)	10,013	1,101,037,164
21. Indexed		32,318,193	313	34,414,361					313	34,414,361	6,159,066	2,072	290,609,254	(2,617)	(211,396,171)	13,295	1,565,636,594
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		40,271	2	40,271					2	40,271	0	12	556,554	(11)	(933,682)	98	4,762,176
25. Other									0	0	0	68	6,006,007	(76)	(5,047,888)	338	16,146,556
26. Total Individual Annuities		54,722,488	570	57,987,678	0	0	0	0	570	57,987,678	11,057,323	3,812	535,691,659	(4,080)	(326,155,758)	23,744	2,687,582,490
Group Annuities																	
27. Fixed		(5,362)	0	(5,362)					0	(5,362)	0	0	0	(6)	(184,681)	159	5,513,496
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(42)	(2,112,506)	1,088	45,829,423
32. Other									0	0	0	0	0	0	(2,525)	1	7,409
33. Total Group Annuities		(5,362)	0	(5,362)	0	0	0	0	0	(5,362)	0	0	0	(48)	(2,299,712)	1,248	51,350,328
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	155	3	10,070
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	2	6,300
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	155	5	16,370
47. Total		55,919,960	586	58,937,081	0	0	0	0	586	58,937,081	11,505,392	3,814	535,741,659	(4,201)	(350,964,633)	25,926	2,895,879,914

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 2,306,380 Group: \$ Total: \$ 2,306,380

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Rhode Island DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 3,715								10,000	0	0		10,000
3. Term 28,588							0	0	0	0		0
4. Indexed							0					0
5. Universal 11,216							0	0	0	39,309		39,309
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	43,519	0	0	0	0	0	0	10,000	0	39,309	0	49,309
Group Life												
12. Whole							0	267	0	0		267
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	267	0	0	0	267
Individual Annuities												
20. Fixed 17,336,277							0	4,036,015		6,479,498		10,515,513
21. Indexed 46,773,604							0	4,823,909		32,936,054		37,759,964
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout 2,631,998							0	233,056		0		233,056
25. Other							0					0
26. Total Individual Annuities	66,741,879	0	0	0	0	0	0	9,092,980	0	39,415,552	0	48,508,532
Group Annuities												
27. Fixed 154,842							0	0		1,248,472		1,248,472
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout 0							0	487,512		0		487,512
32. Other							0					0
33. Total Group Annuities	154,842	0	0	0	0	0	0	487,512	0	1,248,472	0	1,735,985
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care 4,040							0	XXX	XXX	XXX	74,042	74,042
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	4,040	0	0	0	0	0	0	XXX	XXX	XXX	74,042	74,042
47. Total	66,944,280 (c)	0	0	0	0	0	0	9,590,760	0	40,703,334	74,042	50,368,136

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Rhode Island		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										Policy Exhibit					
		13	Claims Settled During Current Year								22	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14	15	16	17	18	19	20	21		Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
		Incurred During Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		30,500	2	10,000	0	0	0	0	2	10,000	25,500	0	0	(1)	(5,175)	22	546,079
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(3)	(1,250,000)	18	3,910,000
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(2)	(348,748)	10	1,513,841
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		30,500	2	10,000	0	0	0	0	2	10,000	25,500	0	0	(6)	(1,603,923)	50	5,969,920
Group Life																	
12. Whole		267	1	267					1	267	0	0	0	(2)	(9,225)	4	29,390
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		267	1	267	0	0	0	0	1	267	0	0	0	(2)	(9,225)	4	29,390
Individual Annuities																	
20. Fixed		2,870,972	26	3,084,964					26	3,084,964	895,106	97	16,629,079	(79)	(4,998,557)	1,248	132,644,702
21. Indexed		3,817,232	35	4,562,114					35	4,562,114	887,122	273	45,778,658	(284)	(23,317,341)	1,523	188,759,269
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		47,496	2	47,496					2	47,496	0	1	34,322	(1)	2,474,134	43	4,245,473
25. Other									0	0	0	15	562,497	(19)	(803,608)	83	2,300,501
26. Total Individual Annuities		6,735,700	63	7,694,574	0	0	0	0	63	7,694,574	1,782,228	386	63,004,556	(383)	(26,645,372)	2,897	327,949,946
Group Annuities																	
27. Fixed		0	0	0					0	0	0	0	0	(21)	(712,161)	355	22,418,548
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(2)	(310,491)	123	7,371,595
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(23)	(1,022,652)	478	29,790,144
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(1,624)	2	10,193
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(1,624)	2	10,193
47. Total		6,766,467	66	7,704,841	0	0	0	0	66	7,704,841	1,807,728	386	63,004,556	(415)	(29,282,796)	3,431	363,749,593

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF South Carolina DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....51,231								23,108	0	0		23,108
3. Term .....183,701							0	204,187	61,800	0		265,987
4. Indexed							0					0
5. Universal .....85,409							0	80,000	0	85,098		165,098
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	320,341	0	0	0	0	0	0	307,295	61,800	85,098	0	454,193
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....55,563,368							0	13,316,528		31,393,246		44,709,773
21. Indexed .....196,407,935							0	22,742,420		127,457,726		150,200,145
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	781,200		0		781,200
25. Other							0					0
26. Total Individual Annuities	251,971,303	0	0	0	0	0	0	36,840,148	0	158,850,971	0	195,691,119
Group Annuities												
27. Fixed .....5,315							0	49,925		350,251		400,176
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	931,712		0		931,712
32. Other							0					0
33. Total Group Annuities	5,315	0	0	0	0	0	0	981,637	0	350,251	0	1,331,888
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	187,781						0	XXX	XXX	XXX	112,075	112,075
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	16,747						0	XXX	XXX	XXX	146,938	146,938
45. Other health .....(d)	65						0	XXX	XXX	XXX		0
46. Total Accident and Health	204,593	0	0	0	0	0	0	XXX	XXX	XXX	259,013	259,013
47. Total	252,501,552 (c)	0	0	0	0	0	0	38,129,080	61,800	159,286,320	259,013	197,736,213

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		South Carolina		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										Policy Exhibit					
		13	Claims Settled During Current Year								22	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14	15	16	17	18	19	20	21		Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Incurred During Current Year		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount		
Individual Life																	
1. Industrial									0	0	0						
2. Whole		30,608	3	23,108	0	0	0	3	23,108	7,500	0	0	(5)	(37,801)	110	1,147,944	
3. Term		164,987	3	265,987	0	0	0	3	265,987	0	0	0	(15)	(5,291,750)	175	39,101,249	
4. Indexed								0	0	0							
5. Universal		80,000	1	80,000	0	0	0	1	80,000	0	0	0	(5)	(589,987)	86	11,102,126	
6. Universal with secondary guarantees								0	0	0							
7. Variable								0	0	0							
8. Variable universal								0	0	0							
9. Credit								0	0	0							
10. Other								0	0	0							
11. Total Individual Life		275,595	7	369,095	0	0	0	7	369,095	7,500	0	0	(25)	(5,919,538)	371	51,351,320	
Group Life																	
12. Whole		0	0	0				0	0	0	0	0	0	178	4	18,911	
13. Term								0	0	0							
14. Universal								0	0	0							
15. Variable								0	0	0							
16. Variable universal								0	0	0							
17. Credit								0	0	0							
18. Other								0	0	0							
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	178	4	18,911	
Individual Annuities																	
20. Fixed		8,601,462	86	10,072,680				86	10,072,680	1,163,745	307	55,707,105	(325)	(29,905,410)	2,423	315,479,483	
21. Indexed		20,865,463	175	22,414,184				175	22,414,184	3,046,311	1,201	199,777,348	(1,075)	(100,248,958)	6,609	936,495,286	
22. Variable with guarantees								0	0	0							
23. Variable without guarantees								0	0	0							
24. Life contingent payout		139,267	4	139,267				4	139,267	0	2	168,670	(7)	(613,710)	44	1,960,459	
25. Other								0	0	0	36	3,043,686	(32)	(2,920,422)	199	10,367,250	
26. Total Individual Annuities		29,606,192	265	32,626,131	0	0	0	265	32,626,131	4,210,056	1,546	258,696,809	(1,439)	(133,688,500)	9,275	1,264,302,479	
Group Annuities																	
27. Fixed		50,528	1	49,925				1	49,925	602	0	0	(7)	(21,930)	189	4,064,189	
28. Indexed								0	0	0							
29. Variable with guarantees								0	0	0							
30. Variable without guarantees								0	0	0							
31. Life contingent payout								0	0	0	0	0	(9)	(555,358)	191	13,679,060	
32. Other								0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		50,528	1	49,925	0	0	0	1	49,925	602	0	0	(16)	(577,288)	380	17,743,249	
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(16)	(40,971)	26	187,782	
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0	
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	1,576	0	1,576	13	26,458	
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(2)	(78)	1	65	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(18)	(39,473)	40	214,305	
47. Total		29,932,314	273	33,045,151	0	0	0	273	33,045,151	4,218,158	1,546	258,696,809	(1,498)	(140,224,620)	10,070	1,333,630,263	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 784,286 Group: \$ Total: \$ 784,286

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF South Dakota		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	1,200						0	0				0
Term	45,717						0	0	30,900	0		30,900
Indexed							0					0
Universal	6,261						0	0	0	0		0
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	53,178	0	0	0	0	0	0	0	30,900	0	0	30,900
Group Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	5,587,137						0	1,061,662		1,973,271		3,034,933
Indexed	12,351,709						0	1,753,010		12,847,535		14,600,545
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	44,993		0		44,993
Other							0					0
Total Individual Annuities	17,938,846	0	0	0	0	0	0	2,859,665	0	14,820,806	0	17,680,471
Group Annuities												
Fixed	2,400						0	13,136		68,392		81,527
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	86,409						0	617,699		0		617,699
Other							0					0
Total Group Annuities	88,809	0	0	0	0	0	0	630,835	0	68,392	0	699,227
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (d)	0						0	XXX	XXX	XXX	0	0
Other health (d)	25						0	XXX	XXX	XXX		0
Total Accident and Health	25	0	0	0	0	0	0	XXX	XXX	XXX	0	0
Total	18,080,858 (c)	0	0	0	0	0	0	3,490,500	30,900	14,889,198	0	18,410,598

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		South Dakota		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	3	14,244	
3. Term		30,900	0	30,900	0	0	0	0	0	30,900	0	0	0	(3)	(1,025,000)	17	5,701,000
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(100,000)	8	1,080,925
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		30,900	0	30,900	0	0	0	0	0	30,900	0	0	0	(4)	(1,125,000)	28	6,796,169
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities																	
20. Fixed		561,988	4	398,634					4	398,634	189,441	31	6,536,841	(28)	(2,742,776)	254	31,902,692
21. Indexed		1,046,047	20	1,745,968					20	1,745,968	120,803	88	11,736,165	(111)	(10,915,548)	528	66,915,332
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	0	0		(14,350)	7	412,417
25. Other									0	0	0	3	307,315	(2)	(363,063)	34	1,280,346
26. Total Individual Annuities		1,608,035	24	2,144,602	0	0	0	0	24	2,144,602	310,244	122	18,580,321	(141)	(14,035,737)	823	100,510,787
Group Annuities																	
27. Fixed		590	3	7,376					3	7,376	0	0	0	(7)	(53,456)	107	1,605,787
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(11)	(1,071,858)	158	8,028,507
32. Other									0	0	0	0	0	0	(2,669)	1	8,247
33. Total Group Annuities		590	3	7,376	0	0	0	0	3	7,376	0	0	0	(18)	(1,127,983)	266	9,642,541
Accident and Health																	
34. Comprehensive individual		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
37. Vision only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
44. Long-term care		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
45. Other health		(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	1	25
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	1	25
47. Total		1,639,525	27	2,182,878	0	0	0	0	27	2,182,878	310,244	122	18,580,321	(163)	(16,288,720)	1,118	116,949,522

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____. Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____.
(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____.
(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____.
(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____.
(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____.



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Tennessee				DURING THE YEAR 2024				NAIC Company Code 63312			
Line of Business		1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
				3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life													
1. Industrial								0					0
2. Whole		23,991						0	21,787	0	0		21,787
3. Term		252,626						0	500,000	9,500	0		509,500
4. Indexed								0					0
5. Universal		66,040						0	101,000	0	0		101,000
6. Universal with secondary guarantees								0					0
7. Variable								0					0
8. Variable universal								0					0
9. Credit								0					0
10. Other								0					0
11. Total Individual Life		342,657	0	0	0	0	0	0	622,787	9,500	0	0	632,287
Group Life													
12. Whole								0	281,757	76	216		282,049
13. Term								0	0	0	0		0
14. Universal								0	0	0	0		0
15. Variable								0					0
16. Variable universal								0					0
17. Credit								0					0
18. Other								0					0
19. Total Group Life		0	0	0	0	0	0	0	281,757	76	216	0	282,049
Individual Annuities													
20. Fixed		41,758,427						0	22,288,365		48,064,617		70,352,982
21. Indexed		195,957,987						0	32,778,001		170,756,521		203,534,523
22. Variable with guarantees								0					0
23. Variable without guarantees								0					0
24. Life contingent payout		200,707						0	655,698		0		655,698
25. Other								0					0
26. Total Individual Annuities		237,917,121	0	0	0	0	0	0	55,722,065	0	218,821,139	0	274,543,203
Group Annuities													
27. Fixed		33,240						0	418,888		602,173		1,021,060
28. Indexed								0					0
29. Variable with guarantees								0					0
30. Variable without guarantees								0					0
31. Life contingent payout		45,983						0	1,796,524		0		1,796,524
32. Other								0					0
33. Total Group Annuities		79,223	0	0	0	0	0	0	2,215,412	0	602,173	0	2,817,585
Accident and Health													
34. Comprehensive individual (d)								0	XXX	XXX	XXX		0
35. Comprehensive group (d)								0	XXX	XXX	XXX		0
36. Medicare Supplement (d)		69,750						0	XXX	XXX	XXX	35,590	35,590
37. Vision only (d)								0	XXX	XXX	XXX		0
38. Dental only (d)								0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)								0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)		(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)								0	XXX	XXX	XXX		0
42. Credit A&H								0	XXX	XXX	XXX		0
43. Disability income (d)		0						0	XXX	XXX	XXX		0
44. Long-term care (d)		105,940						0	XXX	XXX	XXX	132,287	132,287
45. Other health (d)		0						0	XXX	XXX	XXX		0
46. Total Accident and Health		175,690	0	0	0	0	0	0	XXX	XXX	XXX	167,877	167,877
47. Total		238,514,691 (c)	0	0	0	0	0	0	58,842,021	9,576	219,423,527	167,877	278,443,001

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Tennessee		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										Policy Exhibit							
		13 Incurred During Current Year		Claims Settled During Current Year								22 Unpaid December 31, Current Year		Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year				23	24	25	26	27	28
				14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount			Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																			
1. Industrial									0	0	0								
2. Whole		21,787	5	21,787	0	0	0	0	5	21,787	0	1	2,000,000	(5)	(21,679)	79	2,607,290		
3. Term		509,500	1	509,500	0	0	0	0	1	509,500	0	0	0	(64)	(33,282,803)	190	60,772,900		
4. Indexed									0	0	0								
5. Universal		101,000	1	101,000	0	0	0	0	1	101,000	0	0	0	(2)	(200,587)	65	8,155,529		
6. Universal with secondary guarantees									0	0	0								
7. Variable									0	0	0								
8. Variable universal									0	0	0								
9. Credit									0	0	0								
10. Other									0	0	0								
11. Total Individual Life		632,287	7	632,287	0	0	0	0	7	632,287	0	1	2,000,000	(71)	(33,505,069)	334	71,535,719		
Group Life																			
12. Whole		286,935	50	281,833					50	281,833	9,889	0	0	(53)	(256,264)	728	3,941,678		
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0								
18. Other									0	0	0						(a)		
19. Total Group Life		286,935	50	281,833	0	0	0	0	50	281,833	9,889	0	0	(53)	(256,264)	728	3,941,678		
Individual Annuities																			
20. Fixed		20,529,803	216	20,509,228					216	20,509,228	2,178,756	258	42,101,726	(790)	(57,026,406)	4,035	423,780,470		
21. Indexed		31,843,647	248	32,430,806					248	32,430,806	6,077,223	1,207	198,450,346	(1,527)	(130,796,013)	8,412	1,187,319,133		
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		236,230	5	236,230					5	236,230	0	21	1,167,355	(8)	(375,581)	82	4,286,070		
25. Other									0	0	0	12	836,093	(16)	(1,871,726)	125	5,117,049		
26. Total Individual Annuities		52,609,680	469	53,176,264	0	0	0	0	469	53,176,264	8,255,979	1,498	242,555,519	(2,341)	(190,069,726)	12,654	1,620,502,722		
Group Annuities																			
27. Fixed		(510,754)	10	335,340					10	335,340	4,078	0	0	(35)	(393,110)	725	9,961,074		
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0	0	0	(20)	(1,565,056)	487	21,767,630		
32. Other									0	0	0	0	0	(1)	(4,067)	1	5,666		
33. Total Group Annuities		(510,754)	10	335,340	0	0	0	0	10	335,340	4,078	0	0	(56)	(1,962,233)	1,213	31,734,370		
Accident and Health																			
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(3)	(20,863)	11	69,750		
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0		
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		(2)	21,272	43	142,912			
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0		
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(5)	409	54		
47. Total		53,018,148	536	54,425,724	0	0	0	0	536	54,425,724	8,269,946	1,499	244,555,519	(2,526)	(225,792,883)	14,983	1,727,927,151		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 71,724 Group: \$ Total: \$ 71,724

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Texas DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 110,305								57,158	0	44,737		101,895
3. Term 1,352,261							0	1,401,000	372,900	0		1,773,900
4. Indexed							0					0
5. Universal 497,261							0	895,000	0	237,656		1,132,656
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	1,959,827	0	0	0	0	0	0	2,353,158	372,900	282,393	0	3,008,451
Group Life												
12. Whole							0	14,855	0	0		14,855
13. Term							0	2,425	0	0		2,425
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	17,280	0	0	0	17,280
Individual Annuities												
20. Fixed 165,777,928							0	32,770,960		73,069,638		105,840,598
21. Indexed 263,343,389							0	33,554,452		204,220,100		237,774,552
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout 0							0	1,983,199		(67,201)		1,915,998
25. Other							0					0
26. Total Individual Annuities	429,121,317	0	0	0	0	0	0	68,308,611	0	277,222,537	0	345,531,148
Group Annuities												
27. Fixed 334,092							0	564,065		4,997,491		5,561,555
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout (618)							0	2,374,920		31,268		2,406,188
32. Other							0					0
33. Total Group Annuities	333,474	0	0	0	0	0	0	2,938,985	0	5,028,759	0	7,967,743
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	93,609						0	XXX	XXX	XXX	42,187	42,187
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	7,417						0	XXX	XXX	XXX	0	0
45. Other health (d)	47						0	XXX	XXX	XXX		0
46. Total Accident and Health	101,073	0	0	0	0	0	0	XXX	XXX	XXX	42,187	42,187
47. Total	431,515,691 (c)	0	0	0	0	0	0	73,618,034	372,900	282,533,688	42,187	356,566,809

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Texas		DURING THE YEAR		2024		NAIC Company Code		63312				
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount								
Individual Life																		
1. Industrial									0	0								
2. Whole		42,996	7	59,583	0	0	0	0	7	59,583	0	3	2,100,000	(14)	(2,201,236)	209	2,313,051	
3. Term		2,273,900	7	1,773,900	0	0	0	0	7	1,773,900	1,000,000	0	10,000	(118)	(47,388,028)	1,001	232,708,054	
4. Indexed									0	0	0							
5. Universal		945,000	12	895,000	0	0	0	0	12	895,000	75,000	0	0	(33)	(2,997,477)	576	83,201,710	
6. Universal with secondary guarantees									0	0	0							
7. Variable									0	0	0							
8. Variable universal									0	0	0							
9. Credit									0	0	0							
10. Other									0	0	0							
11. Total Individual Life		3,261,896	26	2,728,483	0	0	0	0	26	2,728,483	1,075,000	3	2,110,000	(165)	(52,586,742)	1,786	318,222,815	
Group Life																		
12. Whole		14,855	2	14,855					2	14,855	0	0	0	(2)	(14,012)	25	124,295	
13. Term									0	0	0							
14. Universal									0	0	0							
15. Variable									0	0	0							
16. Variable universal									0	0	0							
17. Credit									0	0	0							
18. Other									0	0	0						(a)	
19. Total Group Life		14,855	2	14,855	0	0	0	0	2	14,855	0	0	0	(2)	(14,012)	25	124,295	
Individual Annuities																		
20. Fixed		29,055,650	246	25,929,980					246	25,929,980	8,824,874	919	173,000,887	(847)	(86,584,830)	7,012	910,669,154	
21. Indexed		35,431,240	219	31,439,855					219	31,439,855	9,425,346	1,561	263,549,141	(1,655)	(153,611,484)	9,599	1,333,052,761	
22. Variable with guarantees									0	0	0							
23. Variable without guarantees									0	0	0							
24. Life contingent payout		430,754	7	430,754					7	430,754	0	20	1,176,657	(25)	(1,623,315)	204	10,421,749	
25. Other									0	0	0	59	5,265,736	(107)	(5,855,815)	387	18,842,300	
26. Total Individual Annuities		64,917,644	472	57,800,590	0	0	0	0	472	57,800,590	18,250,220	2,559	442,992,421	(2,634)	(247,675,445)	17,202	2,272,985,963	
Group Annuities																		
27. Fixed		(3,010)	30	558,046					30	558,046	261,784	0	0	(229)	(3,631,534)	3,505	57,405,001	
28. Indexed									0	0	0							
29. Variable with guarantees									0	0	0							
30. Variable without guarantees									0	0	0							
31. Life contingent payout									0	0	0	0	0	(22)	(1,816,415)	635	35,139,320	
32. Other									0	0	0	0	0	0	(11,113)	1	56,109	
33. Total Group Annuities		(3,010)	30	558,046	0	0	0	0	30	558,046	261,784	0	0	(251)	(5,459,061)	4,141	92,600,429	
Accident and Health																		
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(18,709)	16	93,607	
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	6	7,417	
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	24	1	47	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	(1)	(18,685)	23	101,071
47. Total		68,191,386	530	61,101,974	0	0	0	0	530	61,101,974	19,587,004	2,562	445,102,421	(3,053)	(305,753,945)	23,177	2,684,034,573	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 110,345 Group: \$ Total: \$ 110,345

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Utah DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....26,431							0	29,895	0	1,707		31,602
3. Term .....44,437							0	250,000	0	0		250,000
4. Indexed							0					0
5. Universal .....16,274							0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	87,142	0	0	0	0	0	0	279,895	0	1,707	0	281,602
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed .....14,879,685							0	5,647,765		7,309,248		12,957,013
21. Indexed .....44,798,734							0	15,055,031		71,809,689		86,864,720
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....1,915,000							0	2,962,402		0		2,962,402
25. Other							0					0
26. Total Individual Annuities	61,593,419	0	0	0	0	0	0	23,665,199	0	79,118,937	0	102,784,135
Group Annuities												
27. Fixed .....0							0	45,919		71,638		117,557
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....0							0	152,112		0		152,112
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	198,031	0	71,638	0	269,668
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	38,571						0	XXX	XXX	XXX	13,622	13,622
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	38,571	0	0	0	0	0	0	XXX	XXX	XXX	13,622	13,622
47. Total	61,719,132 (c)	0	0	0	0	0	0	24,143,124	0	79,192,281	13,622	103,349,028

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF				Utah		DURING THE YEAR				2024		NAIC Company Code				63312	
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)					
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount				
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount											
Individual Life																					
1. Industrial																					
2. Whole		29,895	3	29,895	0	0	0	0	3	29,895	0	0	0	(4)	(39,828)	22	642,377				
3. Term		250,000	1	250,000	0	0	0	0	1	250,000	0	0	0	(6)	(3,240,000)	57	16,776,000				
4. Indexed									0	0	0	0									
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1,221,961				
6. Universal with secondary guarantees									0	0	0	0									
7. Variable									0	0	0	0									
8. Variable universal									0	0	0	0									
9. Credit									0	0	0	0									
10. Other									0	0	0	0									
11. Total Individual Life		279,895	4	279,895	0	0	0	0	4	279,895	0	0	0	(10)	(3,279,828)	89	18,640,338				
Group Life																					
12. Whole		0	0	0					0	0	0	0	0	15		1	2,550				
13. Term									0	0	0	0									
14. Universal									0	0	0	0									
15. Variable									0	0	0	0									
16. Variable universal									0	0	0	0									
17. Credit									0	0	0	0									
18. Other									0	0	0	0						(a)			
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	15		1	2,550				
Individual Annuities																					
20. Fixed		3,126,673	39	2,925,959					39	2,925,959	517,549	82	16,504,768	(123)	(8,035,527)	838	83,541,469				
21. Indexed		11,795,619	137	14,444,053					137	14,444,053	847,801	320	47,597,473	(734)	(68,925,556)	2,718	325,985,151				
22. Variable with guarantees									0	0	0										
23. Variable without guarantees									0	0	0										
24. Life contingent payout		43,352	2	43,352					2	43,352	0	12	2,309,607	(9)	(1,855,933)	99	18,160,432				
25. Other									0	0	0	17	827,405	(45)	(2,449,537)	132	4,816,869				
26. Total Individual Annuities		14,965,644	178	17,413,364	0	0	0	0	178	17,413,364	1,365,349	431	67,239,253	(911)	(81,266,553)	3,787	432,503,922				
Group Annuities																					
27. Fixed		125,118	9	125,118					9	125,118	0	0	0	(6)	(92,315)	46	721,794				
28. Indexed									0	0	0	0									
29. Variable with guarantees									0	0	0	0									
30. Variable without guarantees									0	0	0	0									
31. Life contingent payout									0	0	0	0									
32. Other									0	0	0	0									
33. Total Group Annuities		125,118	9	125,118	0	0	0	0	9	125,118	0	0	0	(7)	(81,967)	99	3,379,715				
Accident and Health																					
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(1,541)	7	38,571				
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0			
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0			
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	0			
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	(1)	(1,541)	7	38,571				
47. Total		15,370,658	191	17,818,378	0	0	0	0	191	17,818,378	1,365,349	431	67,239,253	(929)	(84,629,873)	3,983	454,565,096				

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____. Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____.

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____.

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____ 0.

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____.

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____.



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Vermont DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 1,469								8,224	0	0		8,224
3. Term 21,296							0	0	0	0		0
4. Indexed							0					0
5. Universal 10,371							0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	33,136	0	0	0	0	0	0	8,224	0	0	0	8,224
Group Life												
12. Whole							0	0	0	0		0
13. Term							0					0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed 3,440,552							0	1,240,328		1,863,025		3,103,353
21. Indexed 11,599,803							0	1,502,329		10,429,602		11,931,931
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	166,371		0		166,371
25. Other							0					0
26. Total Individual Annuities	15,040,355	0	0	0	0	0	0	2,909,027	0	12,292,627	0	15,201,654
Group Annuities												
27. Fixed 11,076							0	0		167,685		167,685
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	197,488		0		197,488
32. Other							0					0
33. Total Group Annuities	11,076	0	0	0	0	0	0	197,488	0	167,685	0	365,173
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	20,367						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	20,367	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	15,104,934 (c)	0	0	0	0	0	0	3,114,739	0	12,460,312	0	15,575,052

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Vermont		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		8,224	1	8,224	0	0	0	0	1	8,224	0	0	0	(1)	(8,035)	17	114,091
3. Term		0	0	0	0	0	0	0	0	0	0	0	(3)	(1,350,000)	11	2,203,000	
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	11,363	4	1,665,866	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		8,224	1	8,224	0	0	0	0	1	8,224	0	0	0	(4)	(1,346,672)	32	3,982,957
Group Life																	
12. Whole		0	0	0					0	0	0	0	0		21	1	4,149
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	21	1	4,149	
Individual Annuities																	
20. Fixed		23,745	11	596,216					11	596,216	127,186	21	2,954,557	(40)	(1,977,180)	403	31,082,590
21. Indexed		1,176,744	12	1,451,291					12	1,451,291	89,113	79	12,332,667	(117)	(8,031,811)	685	79,807,407
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	0	0	(1)	(72,466)	31	1,307,467
25. Other									0	0	0	8	255,479	(14)	(553,447)	47	1,839,480
26. Total Individual Annuities		1,200,489	23	2,047,507	0	0	0	0	23	2,047,507	216,299	108	15,542,703	(172)	(10,634,904)	1,166	114,036,943
Group Annuities																	
27. Fixed		0	0	0					0	0	0	0	0	(12)	(166,518)	93	2,399,266
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(3)	(254,987)	56	1,953,078
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(15)	(421,505)	149	4,352,343
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	13	20,367
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	13	20,367
47. Total			1,208,713	24	2,055,731	0	0	0	24	2,055,731	216,299	108	15,542,703	(191)	(12,403,060)	1,361	122,396,759

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Virginia DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....61,452								8,000	0	1,234		9,234
3. Term .....394,361							0	900,000	43,500	0		943,500
4. Indexed							0					0
5. Universal .....232,875							0	340,000	0	70,126		410,126
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	688,688	0	0	0	0	0	0	1,248,000	43,500	71,360	0	1,362,860
Group Life												
12. Whole							0	12,766	0	0		12,766
13. Term .....0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	12,766	0	0	0	12,766
Individual Annuities												
20. Fixed .....81,353,051							0	13,459,810		16,754,628		30,214,438
21. Indexed .....159,224,493							0	16,030,436		106,236,305		122,266,741
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....45,374							0	366,620		0		366,620
25. Other							0					0
26. Total Individual Annuities	240,622,918	0	0	0	0	0	0	29,856,866	0	122,990,933	0	152,847,799
Group Annuities												
27. Fixed .....11,059							0	113,016		409,610		522,626
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....0							0	728,365		26,359		754,723
32. Other							0					0
33. Total Group Annuities	11,059	0	0	0	0	0	0	841,380	0	435,969	0	1,277,349
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	33,670						0	XXX	XXX	XXX	14,692	14,692
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	178,847						0	XXX	XXX	XXX	195,066	195,066
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	212,517	0	0	0	0	0	0	XXX	XXX	XXX	209,758	209,758
47. Total	241,535,182 (c)	0	0	0	0	0	0	31,959,012	43,500	123,498,262	209,758	155,710,532

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Virginia		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial									0	0	0						
2. Whole .....11,000		2	8,000	0	0	0	0	2	8,000	6,000	1	10,000	(2)	(7,585)	136	2,033,015	
3. Term .....193,500		3	943,500	0	0	0	0	3	943,500	0	0	0	(35)	(14,333,000)	408	103,554,762	
4. Indexed								0	0	0							
5. Universal .....340,000		5	340,000	0	0	0	0	5	340,000	150,000	0	0	(10)	(1,328,779)	269	44,080,624	
6. Universal with secondary guarantees								0	0	0							
7. Variable								0	0	0							
8. Variable universal								0	0	0							
9. Credit								0	0	0							
10. Other								0	0	0							
11. Total Individual Life		544,500	10	1,291,500	0	0	0	10	1,291,500	156,000	1	10,000	(47)	(15,669,364)	813	149,668,400	
Group Life																	
12. Whole .....12,766		1	12,766					1	12,766	0	0	0	(1)	(12,072)	11	59,901	
13. Term								0	0	0							
14. Universal								0	0	0							
15. Variable								0	0	0							
16. Variable universal								0	0	0							
17. Credit								0	0	0							
18. Other								0	0	0						(a)	
19. Total Group Life		12,766	1	12,766	0	0	0	1	12,766	0	0	0	(1)	(12,072)	11	59,901	
Individual Annuities																	
20. Fixed .....9,338,011		63	9,690,859					63	9,690,859	1,098,204	463	82,013,133	(240)	(17,833,117)	2,101	249,898,353	
21. Indexed .....15,424,835		136	15,508,158					136	15,508,158	2,686,907	987	163,527,329	(1,026)	(92,337,581)	6,122	773,936,364	
22. Variable with guarantees								0	0	0							
23. Variable without guarantees								0	0	0							
24. Life contingent payout .....90,691		2	90,691					2	90,691	0	8	317,081	(4)	(204,626)	47	1,978,290	
25. Other								0	0	0	27	1,918,851	(50)	(3,327,541)	170	8,144,997	
26. Total Individual Annuities		24,853,536	201	25,289,708	0	0	0	201	25,289,708	3,785,111	1,485	247,776,394	(1,320)	(113,702,864)	8,440	1,033,958,003	
Group Annuities																	
27. Fixed .....128,475		7	113,016					7	113,016	38,342	0	0	(16)	(160,526)	381	6,015,136	
28. Indexed								0	0	0							
29. Variable with guarantees								0	0	0							
30. Variable without guarantees								0	0	0							
31. Life contingent payout								0	0	0	0	0	(7)	(820,368)	206	7,343,639	
32. Other								0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		128,475	7	113,016	0	0	0	7	113,016	38,342	0	0	(23)	(980,894)	587	13,358,775	
Accident and Health																	
34. Comprehensive individual .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			1	2,037	6	33,669	
37. Vision only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
44. Long-term care .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(3)	(9,710)	91	204,196	
45. Other health .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(2)	(7,673)	97	237,865	
47. Total		25,539,277	219	26,706,990	0	0	0	219	26,706,990	3,979,453	1,486	247,786,394	(1,393)	(130,372,868)	9,948	1,197,282,944	

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Washington DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....10,968							0	41,040	0	1,086		42,126
3. Term .....226,212							0	200,000	0	0		200,000
4. Indexed							0					0
5. Universal .....62,352							0	0	0	14,771		14,771
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	299,532	0	0	0	0	0	0	241,040	0	15,856	0	256,896
Group Life												
12. Whole							0	861	0	0		861
13. Term .....0							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	861	0	0	0	861
Individual Annuities												
20. Fixed .....47,965,028							0	10,085,168		22,112,137		32,197,305
21. Indexed .....123,711,064							0	18,711,588		146,106,149		164,817,737
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout .....14,027,715							0	19,624,962		0		19,624,962
25. Other							0					0
26. Total Individual Annuities	185,703,807	0	0	0	0	0	0	48,421,719	0	168,218,286	0	216,640,004
Group Annuities												
27. Fixed .....56,392							0	250,193		2,255,099		2,505,292
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....(43,170)							0	865,817		104,318		970,135
32. Other							0					0
33. Total Group Annuities	13,222	0	0	0	0	0	0	1,116,010	0	2,359,417	0	3,475,427
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....0							0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(7)							0	XXX	XXX	XXX		0
44. Long-term care .....167,847							0	XXX	XXX	XXX	321,642	321,642
45. Other health .....(d)							0	XXX	XXX	XXX		0
46. Total Accident and Health	167,840	0	0	0	0	0	0	XXX	XXX	XXX	321,642	321,642
47. Total	186,184,401 (c)	0	0	0	0	0	0	49,779,630	0	170,593,559	321,642	220,694,830

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Washington		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28		
				14	15	16	17	18	19	20	21								
		Incurred During Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount		
Individual Life																			
1. Industrial									0	0	0								
2. Whole		42,074	13	41,040	0	0	0	0	13	41,040	1,034	0	0	(11)	(25,826)	159	1,102,641		
3. Term		200,000	2	200,000	0	0	0	0	2	200,000	0	0	0	(9)	(1,624,000)	128	31,198,500		
4. Indexed									0	0	0								
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	(4)	(864,478)	70	12,321,578		
6. Universal with secondary guarantees									0	0	0								
7. Variable									0	0	0								
8. Variable universal									0	0	0								
9. Credit									0	0	0								
10. Other									0	0	0								
11. Total Individual Life		242,074	15	241,040	0	0	0	0	15	241,040	1,034	0	0	(24)	(2,514,304)	357	44,622,719		
Group Life																			
12. Whole		861	1	861					1	861	0	0	0	(1)	(812)	2	9,341		
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0								
18. Other									0	0	0						(a)		
19. Total Group Life		861	1	861	0	0	0	0	1	861	0	0	0	(1)	(812)	2	9,341		
Individual Annuities																			
20. Fixed		5,857,153	68	5,455,920					68	5,455,920	1,773,708	227	46,117,113	(240)	(23,802,243)	2,261	228,134,891		
21. Indexed		14,156,927	176	17,760,107					176	17,760,107	3,688,513	655	127,545,170	(1,197)	(131,565,318)	5,040	693,174,493		
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		173,780	5	173,780					5	173,780	0	30	15,456,307	(27)	(11,069,892)	341	128,080,789		
25. Other									0	0	0	52	4,154,247	(68)	(4,132,238)	295	13,170,826		
26. Total Individual Annuities		20,187,860	249	23,389,807	0	0	0	0	249	23,389,807	5,462,222	964	193,272,836	(1,532)	(170,569,692)	7,937	1,062,560,999		
Group Annuities																			
27. Fixed		53,370	14	250,193					14	250,193	26,579	0	0	(68)	(1,620,304)	1,107	23,517,499		
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0		0	(11)	(1,006,481)	262	11,342,662		
32. Other									0	0	0		0	0	0	0	0		
33. Total Group Annuities		53,370	14	250,193	0	0	0	0	14	250,193	26,579	0	0	(79)	(2,626,785)	1,369	34,860,161		
Accident and Health																			
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0		
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(1)	(111)	0	(7)		
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	(1)	24,258	(1)	24,258	60	212,431		
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0		
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(2)	24,147	60	212,424		
47. Total		20,484,165	279	23,881,900	0	0	0	0	279	23,881,900	5,489,835	964	193,272,836	(1,638)	(175,687,446)	9,725	1,142,265,644		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 400,334 Group: \$ Total: \$ 400,334

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF West Virginia DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole 8,691							0	0	0	5,145		5,145
3. Term 34,258							0	101,000	12,900	0		113,900
4. Indexed							0					0
5. Universal 63,999							0	0	0	43,941		43,941
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	106,948	0	0	0	0	0	0	101,000	12,900	49,086	0	162,986
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed 10,246,677							0	3,302,982		6,368,444		9,671,426
21. Indexed 29,548,419							0	5,851,667		34,269,064		40,120,731
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	27,075		0		27,075
25. Other							0					0
26. Total Individual Annuities	39,795,096	0	0	0	0	0	0	9,181,724	0	40,637,508	0	49,819,232
Group Annuities												
27. Fixed	0						0	67,936		2,358		70,294
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	185,940		0		185,940
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	253,876	0	2,358	0	256,234
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	6,134						0	XXX	XXX	XXX	376	376
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	0						0	XXX	XXX	XXX	0	0
45. Other health (d)	42						0	XXX	XXX	XXX		0
46. Total Accident and Health	6,176	0	0	0	0	0	0	XXX	XXX	XXX	376	376
47. Total	39,908,220 (c)	0	0	0	0	0	0	9,536,600	12,900	40,688,952	376	50,238,828

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		West Virginia		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		13 Incurred During Current Year		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year		Policy Exhibit					
				Claims Settled During Current Year				Total Settled During Current Year						Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year				23	24	25	26	27	28
				14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount			Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																			
1. Industrial																			
2. Whole .....0		0	0	0	0	0	0	0	0	0	0	0	0	(2)	(19,990)	15	199,647		
3. Term .....113,900		1	113,900	0	0	0	0	1	113,900	0	0	0	0	(4)	(1,651,000)	18	4,376,000		
4. Indexed																			
5. Universal .....0		0	0	0	0	0	0	0	0	0	0	0	0	(3)	(271,776)	16	3,805,541		
6. Universal with secondary guarantees																			
7. Variable																			
8. Variable universal																			
9. Credit																			
10. Other																			
11. Total Individual Life		113,900	1	113,900	0	0	0	0	113,900	0	0	0	(9)	(1,942,766)	49	8,381,188			
Group Life																			
12. Whole .....0		0	0	0				0	0	0	0	0	0	0	0	0	0		
13. Term								0	0	0	0	0	0						
14. Universal								0	0	0	0	0	0						
15. Variable								0	0	0	0	0	0						
16. Variable universal								0	0	0	0	0	0						
17. Credit								0	0	0	0	0	0						
18. Other								0	0	0	0	0	0				(a)		
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Individual Annuities																			
20. Fixed .....2,731,873		26	3,050,523					26	3,050,523	204,757	88	11,194,651	(87)	(7,185,855)	617	78,701,341			
21. Indexed .....6,270,106		51	5,846,320					51	5,846,320	662,651	210	30,782,264	(367)	(33,260,973)	1,623	185,566,605			
22. Variable with guarantees								0	0	0	0	0	0						
23. Variable without guarantees								0	0	0	0	0	0						
24. Life contingent payout .....0		0	0	0				0	0	0	1	14,472	1	64,751	8	138,971			
25. Other								0	0	0	3	250,976	(2)	(123,660)	18	902,426			
26. Total Individual Annuities		9,001,980	77	8,896,842	0	0	0	77	8,896,842	867,408	302	42,242,365	(455)	(40,505,736)	2,266	265,309,342			
Group Annuities																			
27. Fixed .....66,283		1	66,283					1	66,283	0	0	0	0	(53,216)	18	413,265			
28. Indexed								0	0	0	0	0	0						
29. Variable with guarantees								0	0	0	0	0	0						
30. Variable without guarantees								0	0	0	0	0	0						
31. Life contingent payout								0	0	0	0	0	0	(4)	(233,095)	46	2,013,220		
32. Other								0	0	0	0	0	0	(1)	(1,647)	0	0		
33. Total Group Annuities		66,283	1	66,283	0	0	0	1	66,283	0	0	0	(5)	(287,958)	64	2,426,485			
Accident and Health																			
34. Comprehensive individual .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
35. Comprehensive group .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
36. Medicare Supplement .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	153	1	6,134			
37. Vision only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
38. Dental only .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
39. Federal Employees Health Benefits Plan .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
40. Title XVIII Medicare .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
41. Title XIX Medicaid .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
43. Disability income .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	0		
44. Long-term care .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	0		
45. Other health .....(d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	1	42			
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	153	2	6,176			
47. Total		9,182,163	79	9,077,025	0	0	0	79	9,077,025	867,408	302	42,242,365	(469)	(42,736,306)	2,381	276,123,191			

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 93,248 Group: \$ Total: \$ 93,248

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Wisconsin DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....45,433							0	83,855	0	19,575		103,431
3. Term .....123,531							0	0	29,700	0		29,700
4. Indexed							0					0
5. Universal .....40,929							0	100,000	0	16		100,016
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	209,893	0	0	0	0	0	0	183,855	29,700	19,592	0	233,147
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	752	0	0		752
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	752	0	0	0	752
Individual Annuities												
20. Fixed .....75,109,378							0	9,114,272		14,356,537		23,470,810
21. Indexed .....104,423,248							0	13,298,360		103,358,978		116,657,338
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	276,921		0		276,921
25. Other							0					0
26. Total Individual Annuities	179,532,626	0	0	0	0	0	0	22,689,554	0	117,715,515	0	140,405,069
Group Annuities												
27. Fixed .....0							0	17,717		122,924		140,642
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout .....509							0	3,856,157		0		3,856,157
32. Other							0					0
33. Total Group Annuities	509	0	0	0	0	0	0	3,873,875	0	122,924	0	3,996,799
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	45,669						0	XXX	XXX	XXX	54,813	54,813
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)							0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....197,513							0	XXX	XXX	XXX	132,340	132,340
45. Other health .....(d)	68						0	XXX	XXX	XXX		0
46. Total Accident and Health	243,250	0	0	0	0	0	0	XXX	XXX	XXX	187,153	187,153
47. Total	179,986,278 (c)	0	0	0	0	0	0	26,748,036	29,700	117,858,031	187,153	144,822,920

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Wisconsin		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		66,855	12	83,855	0	0	0	0	12	83,855	0	0	(17)	(119,846)	66	973,242	
3. Term		129,700	0	29,700	0	0	0	0	0	29,700	100,000	0	(9)	(3,605,000)	127	31,135,000	
4. Indexed									0	0	0						
5. Universal		0	1	100,000	0	0	0	0	1	100,000	0	0	(2)	104,721	25	3,456,673	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		196,555	13	213,555	0	0	0	0	13	213,555	100,000	0	(28)	(3,620,125)	218	35,564,915	
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	0	0	
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0					(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Individual Annuities																	
20. Fixed		4,705,000	51	5,758,596					51	5,758,596	610,243	536	78,141,266	(203)	(16,982,500)	2,250	284,204,059
21. Indexed		10,626,369	139	12,828,456					139	12,828,456	1,276,204	728	103,600,635	(981)	(83,942,189)	4,916	592,239,049
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		14,829	1	14,829					1	14,829	0	2	69,366	(13)	(1,029,415)	52	1,730,259
25. Other									0	0	0	32	2,007,062	(26)	(2,875,973)	137	7,120,694
26. Total Individual Annuities		15,346,198	191	18,601,882	0	0	0	0	191	18,601,882	1,886,447	1,298	183,818,329	(1,223)	(104,830,077)	7,355	885,294,061
Group Annuities																	
27. Fixed		11,095	1	11,095					1	11,095	0	0	0	(7)	(66,072)	54	1,409,830
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(24)	(2,847,206)	808	47,955,582
32. Other									0	0	0	0	0	(1)	(5,543)	2	19,699
33. Total Group Annuities		11,095	1	11,095	0	0	0	0	1	11,095	0	0	0	(32)	(2,918,822)	864	49,385,112
Accident and Health																	
34. Comprehensive individual (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(2)	(1,581)	7	45,668
37. Vision only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
44. Long-term care (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			(5)	(19,818)	159	218,027
45. Other health (d)		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	1	68
46. Total Accident and Health		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(7)	(21,399)	167	263,763
47. Total		15,553,848	205	18,826,532	0	0	0	0	205	18,826,532	1,986,447	1,298	183,818,329	(1,290)	(111,390,422)	8,604	970,507,852

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 287,822 Group: \$ Total: \$ 287,822

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Wyoming		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				Claims and Benefits Paid					
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Life												
Industrial							0					0
Whole	42						0	0	0	0		0
Term	15,674						0	0	0	0		0
Indexed							0					0
Universal	5,012						0	0	0	0		0
Universal with secondary guarantees							0					0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Individual Life	20,728	0	0	0	0	0	0	0	0	0	0	0
Group Life												
Whole							0	0	0	0		0
Term							0	0	0	0		0
Universal							0	0	0	0		0
Variable							0					0
Variable universal							0					0
Credit							0					0
Other							0					0
Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Annuities												
Fixed	1,624,661						0	330,231		712,573		1,042,804
Indexed	5,587,481						0	1,732,474		6,399,598		8,132,072
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	42,995		0		42,995
Other							0					0
Total Individual Annuities	7,212,142	0	0	0	0	0	0	2,105,699	0	7,112,171	0	9,217,871
Group Annuities												
Fixed	0						0	0		0		0
Indexed							0					0
Variable with guarantees							0					0
Variable without guarantees							0					0
Life contingent payout	0						0	15,613		0		15,613
Other							0					0
Total Group Annuities	0	0	0	0	0	0	0	15,613	0	0	0	15,613
Accident and Health												
Comprehensive individual (d)							0	XXX	XXX	XXX		0
Comprehensive group (d)							0	XXX	XXX	XXX		0
Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
Vision only (d)							0	XXX	XXX	XXX		0
Dental only (d)							0	XXX	XXX	XXX		0
Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
Credit A&H							0	XXX	XXX	XXX		0
Disability income (d)	0						0	XXX	XXX	XXX		0
Long-term care (d)	0						0	XXX	XXX	XXX	0	0
Other health (d)	0						0	XXX	XXX	XXX		0
Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
Total	7,232,870 (c)	0	0	0	0	0	0	2,121,313	0	7,112,171	0	9,233,484

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Wyoming		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit					
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount
Individual Life																	
1. Industrial									0	0	0						
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3. Term		0	0	0	0	0	0	0	0	0	0	0	(2)	(450,000)	15	2,546,000	
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	436	4	491,107	
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	(2)	(449,564)	19	3,037,107	
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	16	1	3,055	
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0					(a)	
18. Other									0	0	0						
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	16	1	3,055	
Individual Annuities																	
20. Fixed		19,320	4	256,347					4	256,347	0	6	1,656,422	(7)	10,818	107	9,111,958
21. Indexed		1,387,330	12	1,732,474					12	1,732,474	0	25	5,210,655	(35)	(4,690,526)	228	31,200,560
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	0	0	(15,146)	11	380,424	
25. Other									0	0	0	0	(1)	(68,668)	9	110,738	
26. Total Individual Annuities		1,406,650	16	1,988,821	0	0	0	0	16	1,988,821	0	31	6,867,077	(43)	(4,763,522)	355	40,803,680
Group Annuities																	
27. Fixed		0	0	0					0	0	0	0	2	40,288	8	95,030	
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	(5,740)	5	148,876	
32. Other									0	0	0	0	0	0	0	0	
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	2	34,548	13	243,906	
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	
47. Total			1,406,650	16	1,988,821	0	0	0	16	1,988,821	0	31	6,867,077	(43)	(5,178,522)	388	44,087,747

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ _____, current year \$ _____. Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ _____, current year \$ _____.

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: _____ 2) covering number of lives: _____ 3) face amount \$ _____.

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ _____ 0 Group: \$ _____ Total: \$ _____ 0.

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products _____ and number of persons insured under indemnity only products _____.

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ _____.

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		American Samoa		DURING THE YEAR		2024		NAIC Company Code		63312							
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit		In Force December 31, Current Year (b)							
			Claims Settled During Current Year				Total Settled During Current Year					Issued During Year		Other Changes to In Force (Net)							
			Totals Paid		Reduction by Compromise		Amount Rejected		23			24		25		26		27		28	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount				
Individual Life																					
1. Industrial																					
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4. Indexed																					
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6. Universal with secondary guarantees																					
7. Variable																					
8. Variable universal																					
9. Credit																					
10. Other																					
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Group Life																					
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0	0	0		
13. Term									0	0	0	0	0	0	0	0	0	0	0		
14. Universal									0	0	0	0	0	0	0	0	0	0	0		
15. Variable									0	0	0	0	0	0	0	0	0	0	0		
16. Variable universal									0	0	0	0	0	0	0	0	0	0	0		
17. Credit									0	0	0	0	0	0	0	0	0	0	0		
18. Other									0	0	0	0	0	0	0	0	0	0	(a)		
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Individual Annuities																					
20. Fixed		0	0	0					0	0	0	0	0	0	0	0	0	0	0		
21. Indexed		0	0	0					0	0	0	0	0	0	0	0	0	0	0		
22. Variable with guarantees									0	0	0	0	0	0	0	0	0	0	0		
23. Variable without guarantees									0	0	0	0	0	0	0	0	0	0	0		
24. Life contingent payout		0	0	0					0	0	0	0	0	0	0	0	0	0	0		
25. Other									0	0	0	0	0	0	0	0	0	0	0		
26. Total Individual Annuities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Group Annuities																					
27. Fixed		0	0	0					0	0	0	0	0	0	0	0	0	0	0		
28. Indexed									0	0	0	0	0	0	0	0	0	0	0		
29. Variable with guarantees									0	0	0	0	0	0	0	0	0	0	0		
30. Variable without guarantees									0	0	0	0	0	0	0	0	0	0	0		
31. Life contingent payout									0	0	0	0	0	0	0	0	0	0	0		
32. Other									0	0	0	0	0	0	0	0	0	0	0		
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Accident and Health																					
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX				0	0	0	0	0		
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX										
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX				0	0	0	0	0		
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX				0	0	0	0	0		
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX				0	0	0	0	0		
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0	0	0		
47. Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$
(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$
(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0
(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products
(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435		BUSINESS IN THE STATE OF Guam		DURING THE YEAR 2024				NAIC Company Code 63312				
Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other		8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....683							0	25,000	0	0		25,000
3. Term .....20,599							0	0	0	0		0
4. Indexed							0					0
5. Universal .....50,774							0	200,000	0	3,821		203,821
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	72,056	0	0	0	0	0	0	225,000	0	3,821	0	228,821
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	0						0	0		0		0
21. Indexed	0						0	0		0		0
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	0		0		0
25. Other							0					0
26. Total Individual Annuities	0	0	0	0	0	0	0	0	0	0	0	0
Group Annuities												
27. Fixed	0						0	0		0		0
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	1,369		0		1,369
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	1,369	0	0	0	1,369
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	72,056 (c)	0	0	0	0	0	0	226,369	0	3,821	0	230,190

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Guam		DURING THE YEAR		2024		NAIC Company Code		63312				
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Policy Exhibit						
			Claims Settled During Current Year									Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)		
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23	24	25	26	27	28	
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount		Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																		
1. Industrial									0	0	0							
2. Whole		25,000	1	25,000	0	0	0	0	1	25,000	0	0	0	(1)	(25,000)	1	100,000	
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(130,000)	15	4,540,000	
4. Indexed									0	0	0							
5. Universal		200,000	1	200,000	0	0	0	0	1	200,000	0	0	0	(4)	(1,316,469)	68	11,256,490	
6. Universal with secondary guarantees									0	0	0							
7. Variable									0	0	0							
8. Variable universal									0	0	0							
9. Credit									0	0	0							
10. Other									0	0	0							
11. Total Individual Life		225,000	2	225,000	0	0	0	0	2	225,000	0	0	0	(6)	(1,471,469)	84	15,896,490	
Group Life																		
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0	
13. Term									0	0	0							
14. Universal									0	0	0							
15. Variable									0	0	0							
16. Variable universal									0	0	0							
17. Credit									0	0	0							
18. Other									0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Individual Annuities																		
20. Fixed		0	0	0					0	0	0	0	0	0	24,901	2	62,658	
21. Indexed		0	0	0					0	0	0	0	0	0	0	0	0	
22. Variable with guarantees									0	0	0							
23. Variable without guarantees									0	0	0							
24. Life contingent payout		0	0	0					0	0	0	0	0	0	0	0	0	
25. Other									0	0	0	0	0	0	0	0	0	
26. Total Individual Annuities		0	0	0	0	0	0	0	0	0	0	0	0	24,901	2	62,658		
Group Annuities																		
27. Fixed		0	0	0					0	0	0	0	0	0	1,041	1	27,059	
28. Indexed									0	0	0							
29. Variable with guarantees									0	0	0							
30. Variable without guarantees									0	0	0							
31. Life contingent payout									0	0	0	0	0	(708)	1	12,760		
32. Other									0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	333	2	39,819		
Accident and Health																		
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0	
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX							
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0	0	
47. Total			225,000	2	225,000	0	0	0	0	2	225,000	0	0	0	(6)	(1,446,235)	88	15,998,968

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Puerto Rico DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole .....478							0	0	0	0		0
3. Term	0						0	0	0	0		0
4. Indexed							0					0
5. Universal	0						0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	478	0	0	0	0	0	0	0	0	0	0	0
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	0						0	0		250,978		250,978
21. Indexed .....36,000							0	0		236,648		236,648
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	0		0		0
25. Other							0					0
26. Total Individual Annuities	36,000	0	0	0	0	0	0	0	0	487,626	0	487,626
Group Annuities												
27. Fixed	0						0	0		0		0
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	147,437		0		147,437
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	147,437	0	0	0	147,437
Accident and Health												
34. Comprehensive individual .....(d)							0	XXX	XXX	XXX		0
35. Comprehensive group .....(d)							0	XXX	XXX	XXX		0
36. Medicare Supplement .....(d)	0						0	XXX	XXX	XXX	0	0
37. Vision only .....(d)							0	XXX	XXX	XXX		0
38. Dental only .....(d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan .....(d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare .....(d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid .....(d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income .....(d)	0						0	XXX	XXX	XXX		0
44. Long-term care .....(d)	0						0	XXX	XXX	XXX	0	0
45. Other health .....(d)							0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	36,478 (c)	0	0	0	0	0	0	147,437	0	487,626	0	635,063

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Puerto Rico		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Claims Settled During Current Year		Total Settled During Current Year		23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount		27 Number of Pols/ Certs	28 Amount				
			Totals Paid		Reduction by Compromise									Amount Rejected			
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount								18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount
Individual Life																	
1. Industrial																	
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	3	18,000	
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. Indexed																	
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6. Universal with secondary guarantees																	
7. Variable																	
8. Variable universal																	
9. Credit																	
10. Other																	
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	0	3	18,000	
Group Life																	
12. Whole		0	0	0				0	0	0	0	0	0	0	0	0	
13. Term								0	0	0							
14. Universal								0	0	0							
15. Variable								0	0	0							
16. Variable universal								0	0	0							
17. Credit								0	0	0							
18. Other								0	0	0						(a)	
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Individual Annuities																	
20. Fixed		0	0	0				0	0	0	0	0	2	1,268,473	10	1,675,032	
21. Indexed		0	0	0				0	0	0	1	36,003	1	(45,582)	12	1,032,959	
22. Variable with guarantees								0	0	0							
23. Variable without guarantees								0	0	0							
24. Life contingent payout		0	0	0				0	0	0	0	0	0	0	0	0	
25. Other								0	0	0	0	0	0	0	0	0	
26. Total Individual Annuities		0	0	0	0	0	0	0	0	0	1	36,003	3	1,222,891	22	2,707,991	
Group Annuities																	
27. Fixed		0	0	0				0	0	0	0	0	0	760	6	19,421	
28. Indexed								0	0	0							
29. Variable with guarantees								0	0	0							
30. Variable without guarantees								0	0	0							
31. Life contingent payout								0	0	0	0	0	(1)	(75,093)	50	1,960,239	
32. Other								0	0	0	0	0	0	0	0	0	
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	(1)	(74,333)	56	1,979,660	
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	
47. Total			0	0	0	0	0	0	0	0	0	1	36,003	2	1,148,558	81	4,705,652

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF U.S. Virgin Islands DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0					0
2. Whole	0						0	0	0	0		0
3. Term	1,269						0	0	0	0		0
4. Indexed							0					0
5. Universal	0						0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	1,269	0	0	0	0	0	0	0	0	0	0	0
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	0						0	387		3,879		4,266
21. Indexed	0						0	0		171,856		171,856
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	0		0		0
25. Other							0					0
26. Total Individual Annuities	0	0	0	0	0	0	0	387	0	175,735	0	176,122
Group Annuities												
27. Fixed	0						0	0		13,416		13,416
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	2,712		0		2,712
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	2,712	0	13,416	0	16,128
Accident and Health												
34. Comprehensive individual	(d)						0	XXX	XXX	XXX		0
35. Comprehensive group	(d)						0	XXX	XXX	XXX		0
36. Medicare Supplement	(d)	0					0	XXX	XXX	XXX	0	0
37. Vision only	(d)						0	XXX	XXX	XXX		0
38. Dental only	(d)						0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan	(d)						0	XXX	XXX	XXX		0
40. Title XVIII Medicare	(d)	(e)					0	XXX	XXX	XXX		0
41. Title XIX Medicaid	(d)						0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income	(d)	0					0	XXX	XXX	XXX		0
44. Long-term care	(d)	0					0	XXX	XXX	XXX	0	0
45. Other health	(d)						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	1,269 (c)	0	0	0	0	0	0	3,098	0	189,151	0	192,250

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		U.S. Virgin Islands		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits															
		13 Incurred During Current Year	Claims Settled During Current Year								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial									0	0	0						
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1,350,000
4. Indexed									0	0	0						
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Universal with secondary guarantees									0	0	0						
7. Variable									0	0	0						
8. Variable universal									0	0	0						
9. Credit									0	0	0						
10. Other									0	0	0						
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1,350,000
Group Life																	
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0
13. Term									0	0	0						
14. Universal									0	0	0						
15. Variable									0	0	0						
16. Variable universal									0	0	0						
17. Credit									0	0	0						
18. Other									0	0	0						(a)
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities																	
20. Fixed		0	0	0					0	0	0	0	0	0	0	12	390,973
21. Indexed		0	0	0					0	0	0	0	0	(1)	(136,892)	4	642,333
22. Variable with guarantees									0	0	0						
23. Variable without guarantees									0	0	0						
24. Life contingent payout		0	0	0					0	0	0	0	0	0	0	0	0
25. Other									0	0	0	0	0	0	0	0	0
26. Total Individual Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(124,582)	16	1,033,306
Group Annuities																	
27. Fixed		0	0	0					0	0	0	0	0	(1)	(13,816)	3	62,870
28. Indexed									0	0	0						
29. Variable with guarantees									0	0	0						
30. Variable without guarantees									0	0	0						
31. Life contingent payout									0	0	0	0	0	0	(1,327)	1	42,739
32. Other									0	0	0	0	0	0	0	0	0
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	(1)	(15,143)	4	105,609
Accident and Health																	
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX						
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
47. Total			0	0	0	0	0	0	0	0	0	0	0	(2)	(139,725)	23	2,488,914

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Northern Mariana Islands DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0	0	0	0		0
2. Whole	0						0	0	0	0		0
3. Term	0						0	0	0	0		0
4. Indexed							0					0
5. Universal	0						0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	0	0	0	0	0	0	0	0	0	0	0	0
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	0						0	0		0		0
21. Indexed	0						0	0		0		0
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	0		0		0
25. Other							0					0
26. Total Individual Annuities	0	0	0	0	0	0	0	0	0	0	0	0
Group Annuities												
27. Fixed	0						0	0		0		0
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	0		0		0
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	0	0	0	0	0
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	0						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	0 (c)	0	0	0	0	0	0	0	0	0	0	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Northern Mariana Islands		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year		23	24	25	26	27	28		
				14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount	Unpaid December 31, Current Year	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	
Individual Life																			
1. Industrial									0	0	0								
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4. Indexed									0	0	0								
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6. Universal with secondary guarantees									0	0	0								
7. Variable									0	0	0								
8. Variable universal									0	0	0								
9. Credit									0	0	0								
10. Other									0	0	0								
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Group Life																			
12. Whole		0	0	0					0	0	0	0	0	0	0	0			
13. Term									0	0	0								
14. Universal									0	0	0								
15. Variable									0	0	0								
16. Variable universal									0	0	0								
17. Credit									0	0	0								
18. Other									0	0	0					(a)			
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Individual Annuities																			
20. Fixed		0	0	0					0	0	0	0	0	0	0	0			
21. Indexed		0	0	0					0	0	0	0	0	0	0	0			
22. Variable with guarantees									0	0	0								
23. Variable without guarantees									0	0	0								
24. Life contingent payout		0	0	0					0	0	0	0	0	0	0	0			
25. Other									0	0	0	0	0	0	0	0			
26. Total Individual Annuities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Group Annuities																			
27. Fixed		0	0	0					0	0	0	0	0	0	0	0			
28. Indexed									0	0	0								
29. Variable with guarantees									0	0	0								
30. Variable without guarantees									0	0	0								
31. Life contingent payout									0	0	0	0	0	0	0	0			
32. Other									0	0	0	0	0	0	0	0			
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Accident and Health																			
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0			
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX								
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0			
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0			
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX		0	0	0	0			
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0			
47. Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0			

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$

24.CN



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435

BUSINESS IN THE STATE OF Canada

DURING THE YEAR 2024

NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members					Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial							0	0	0	0		0
2. Whole	0						0	0	0	0		0
3. Term	0						0	0	0	0		0
4. Indexed							0					0
5. Universal	0						0	0	0	0		0
6. Universal with secondary guarantees							0					0
7. Variable							0					0
8. Variable universal							0					0
9. Credit							0					0
10. Other							0					0
11. Total Individual Life	0	0	0	0	0	0	0	0	0	0	0	0
Group Life												
12. Whole							0	0	0	0		0
13. Term							0	0	0	0		0
14. Universal							0	0	0	0		0
15. Variable							0					0
16. Variable universal							0					0
17. Credit							0					0
18. Other							0					0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	0						0	0		0		0
21. Indexed	0						0	0		4,298		4,298
22. Variable with guarantees							0					0
23. Variable without guarantees							0					0
24. Life contingent payout	0						0	0		0		0
25. Other							0					0
26. Total Individual Annuities	0	0	0	0	0	0	0	0	0	4,298	0	4,298
Group Annuities												
27. Fixed	0						0	0		0		0
28. Indexed							0					0
29. Variable with guarantees							0					0
30. Variable without guarantees							0					0
31. Life contingent payout	0						0	0		0		0
32. Other							0					0
33. Total Group Annuities	0	0	0	0	0	0	0	0	0	0	0	0
Accident and Health												
34. Comprehensive individual (d)							0	XXX	XXX	XXX		0
35. Comprehensive group (d)							0	XXX	XXX	XXX		0
36. Medicare Supplement (d)	0						0	XXX	XXX	XXX	0	0
37. Vision only (d)							0	XXX	XXX	XXX		0
38. Dental only (d)							0	XXX	XXX	XXX		0
39. Federal Employees Health Benefits Plan (d)							0	XXX	XXX	XXX		0
40. Title XVIII Medicare (d)	(e)						0	XXX	XXX	XXX		0
41. Title XIX Medicaid (d)							0	XXX	XXX	XXX		0
42. Credit A&H							0	XXX	XXX	XXX		0
43. Disability income (d)	0						0	XXX	XXX	XXX		0
44. Long-term care (d)	0						0	XXX	XXX	XXX	0	0
45. Other health (d)	0						0	XXX	XXX	XXX		0
46. Total Accident and Health	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	0 (c)	0	0	0	0	0	0	0	0	4,298	0	4,298

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Canada		DURING THE YEAR							2024		NAIC Company Code		63312	
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)				
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount			
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount										
Individual Life																				
1. Industrial																				
2. Whole		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3. Term		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4. Indexed																				
5. Universal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6. Universal with secondary guarantees																				
7. Variable																				
8. Variable universal																				
9. Credit																				
10. Other																				
11. Total Individual Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Group Life																				
12. Whole		0	0	0					0	0	0	0	0	0	0	0	0			
13. Term									0	0	0									
14. Universal									0	0	0									
15. Variable									0	0	0									
16. Variable universal									0	0	0									
17. Credit									0	0	0									
18. Other									0	0	0						(a)			
19. Total Group Life		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Individual Annuities																				
20. Fixed		0	0	0					0	0	0	0	0	0	0	0	0			
21. Indexed		0	0	0					0	0	0	0	0	0	0	0	0			
22. Variable with guarantees									0	0	0									
23. Variable without guarantees									0	0	0									
24. Life contingent payout		0	0	0					0	0	0	0	0	0	0	0	0			
25. Other									0	0	0	0	0	0	0	0	0			
26. Total Individual Annuities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Group Annuities																				
27. Fixed		0	0	0					0	0	0	0	0	0	0	0	0			
28. Indexed									0	0	0									
29. Variable with guarantees									0	0	0									
30. Variable without guarantees									0	0	0									
31. Life contingent payout									0	0	0	0	0	0	0	0	0			
32. Other									0	0	0	0	0	0	0	0	0			
33. Total Group Annuities		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Accident and Health																				
34. Comprehensive individual		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
35. Comprehensive group		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
36. Medicare Supplement		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0			
37. Vision only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
38. Dental only		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
39. Federal Employees Health Benefits Plan		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
40. Title XVIII Medicare		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
41. Title XIX Medicaid		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
42. Credit A&H			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX									
43. Disability income		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0			
44. Long-term care		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0			
45. Other health		(d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX			0	0	0	0			
46. Total Accident and Health			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
47. Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$, current year \$ Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$, current year \$
(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 2) covering number of lives: 3) face amount \$
(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ Total: \$ 0
(d) For health business on indicated lines report: Number of persons insured under PPO managed care products and number of persons insured under indemnity only products
(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Other Aliens DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members				7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	Claims and Benefits Paid			
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other			9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial	0	0	0	0	0	0	0	0	0	0	0	0
2. Whole	0	0	0	0	0	0	0	0	0	4,938	0	4,938
3. Term	24,646	0	0	0	0	0	0	0	0	0	0	0
4. Indexed	0	0	0	0	0	0	0	0	0	0	0	0
5. Universal	57,711	0	0	0	0	0	0	0	0	2,683	0	2,683
6. Universal with secondary guarantees	0	0	0	0	0	0	0	0	0	0	0	0
7. Variable	0	0	0	0	0	0	0	0	0	0	0	0
8. Variable universal	0	0	0	0	0	0	0	0	0	0	0	0
9. Credit	0	0	0	0	0	0	0	0	0	0	0	0
10. Other	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Individual Life	82,357	0	0	0	0	0	0	0	0	7,621	0	7,621
Group Life												
12. Whole	0	0	0	0	0	0	0	0	0	0	0	0
13. Term	0	0	0	0	0	0	0	0	0	0	0	0
14. Universal	0	0	0	0	0	0	0	0	0	0	0	0
15. Variable	0	0	0	0	0	0	0	0	0	0	0	0
16. Variable universal	0	0	0	0	0	0	0	0	0	0	0	0
17. Credit	0	0	0	0	0	0	0	0	0	0	0	0
18. Other	0	0	0	0	0	0	0	0	0	0	0	0
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0
Individual Annuities												
20. Fixed	176,321	0	0	0	0	0	0	2,497,072	0	286,522	0	2,783,594
21. Indexed	0	0	0	0	0	0	0	643,028	0	1,202,476	0	1,845,505
22. Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0
23. Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0
24. Life contingent payout	0	0	0	0	0	0	0	17,167	0	0	0	17,167
25. Other	0	0	0	0	0	0	0	0	0	0	0	0
26. Total Individual Annuities	176,321	0	0	0	0	0	0	3,157,268	0	1,488,998	0	4,646,266
Group Annuities												
27. Fixed	0	0	0	0	0	0	0	31,928	0	16,574	0	48,503
28. Indexed	0	0	0	0	0	0	0	0	0	0	0	0
29. Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0
30. Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0
31. Life contingent payout	187,157	0	0	0	0	0	0	147,825	0	0	0	147,825
32. Other	0	0	0	0	0	0	0	0	0	0	0	0
33. Total Group Annuities	187,157	0	0	0	0	0	0	179,754	0	16,574	0	196,328
Accident and Health												
34. Comprehensive individual	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
35. Comprehensive group	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
36. Medicare Supplement	(d) 2,960	0	0	0	0	0	0	XXX	XXX	XXX	0	0
37. Vision only	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
38. Dental only	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
39. Federal Employees Health Benefits Plan	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
40. Title XVIII Medicare	(d) 0 (e)	0	0	0	0	0	0	XXX	XXX	XXX	0	0
41. Title XIX Medicaid	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
42. Credit A&H	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
43. Disability income	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
44. Long-term care	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
45. Other health	(d) 0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
46. Total Accident and Health	2,960	0	0	0	0	0	0	XXX	XXX	XXX	0	0
47. Total	448,795 (c)	0	0	0	0	0	0	3,337,021	0	1,513,193	0	4,850,214

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Other Aliens		DURING THE YEAR		2024		NAIC Company Code		63312			
Line of Business		13 Incurred During Current Year	Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits								22 Unpaid December 31, Current Year	Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
			Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year			23 Number of Pols/ Certs	24 Amount	25 Number of Pols/ Certs	26 Amount	27 Number of Pols/ Certs	28 Amount
			14 Number of Pols/ Certs	15 Amount	16 Number of Pols/ Certs	17 Amount	18 Number of Pols/ Certs	19 Amount	20 Number of Pols/ Certs	21 Amount							
Individual Life																	
1. Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Whole	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1,023
3. Term	0	0	0	0	0	0	0	0	0	0	0	0	0	(3)	(575,000)	12	3,611,000
4. Indexed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Universal	101,000	0	0	0	0	0	0	0	0	0	101,000	0	0	0	118,479	16	2,593,597
6. Universal with secondary guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Variable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Variable universal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Individual Life	101,000	0	0	0	0	0	0	0	0	0	101,000	0	0	(3)	(456,518)	30	6,205,620
Group Life																	
12. Whole	0	0	0	0	0	0	0	0	0	0	0	0	0	(1)	(2,425)	4	4,053
13. Term	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Universal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Variable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Variable universal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17. Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (a)
19. Total Group Life	0	0	0	0	0	0	0	0	0	0	0	0	0	(1)	(2,425)	4	4,053
Individual Annuities																	
20. Fixed	3,270,394	1	2,128,668	0	0	0	0	0	1	2,128,668	1,141,726	0	0	758	112,669,520	937	129,287,804
21. Indexed	3,041,077	0	642,617	0	0	0	0	0	0	642,617	2,398,460	0	0	1,917	246,458,184	2,124	275,672,717
22. Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23. Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24. Life contingent payout	0	0	0	0	0	0	0	0	0	0	0	0	0	20	855,944	24	1,082,594
25. Other	0	0	0	0	0	0	0	0	0	0	0	1	25,611	119	7,295,444	151	9,771,555
26. Total Individual Annuities	6,311,471	1	2,771,285	0	0	0	0	0	1	2,771,285	3,540,186	1	25,611	2,814	367,279,093	3,236	415,814,670
Group Annuities																	
27. Fixed	33,843	1	31,928	0	0	0	0	0	1	31,928	2,535	0	0	49	2,921,923	94	3,702,822
28. Indexed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29. Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30. Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31. Life contingent payout	0	0	0	0	0	0	0	0	0	0	0	0	0	66	3,806,794	99	6,787,140
32. Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33. Total Group Annuities	33,843	1	31,928	0	0	0	0	0	1	31,928	2,535	0	0	115	6,728,717	193	10,489,962
Accident and Health																	
34. Comprehensive individual	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
35. Comprehensive group	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
36. Medicare Supplement	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
37. Vision only	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
38. Dental only	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
39. Federal Employees Health Benefits Plan	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
40. Title XVIII Medicare	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
41. Title XIX Medicaid	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
42. Credit A&H	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
43. Disability income	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
44. Long-term care	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
45. Other health	(d) XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
46. Total Accident and Health	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0
47. Total		6,446,314	2	2,803,213	0	0	0	0	2	2,803,213	3,643,721	1	25,611	2,925	373,548,867	3,463	432,514,305

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ 0 , current year \$ 0 Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ 0 , current year \$ 0

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 0 2) covering number of lives: 0 3) face amount \$ 0

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 0 Group: \$ 0 Total: \$ 0

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products 0 and number of persons insured under indemnity only products 0

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ 0



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

LIFE INSURANCE (STATE PAGE)^(b)

NAIC Group Code 0435 BUSINESS IN THE STATE OF Grand Total DURING THE YEAR 2024 NAIC Company Code 63312

Line of Business	1 Premiums and Annuities Considerations	2 Other Considerations	Dividends to Policyholders/Refunds to Members					Claims and Benefits Paid				
			3 Paid in Cash or Left on Deposit	4 Applied to Pay Renewal Premiums	5 Applied to Provide Paid-Up Additions or Shorten the Endowment or Premium-Paying Period	6 Other	7 Total (Col. 3+4+5+6)	8 Death and Annuity Benefits	9 Matured Endowments	10 Surrender Values and Withdrawals for Life Contracts	11 All Other Benefits	12 Total (Sum Columns 8 through 11)
Individual Life												
1. Industrial	0	0	0	0	0	0	0	0	0	0	0	0
2. Whole	1,508,019	0	0	0	0	0	0	2,180,934	20,934	258,134	0	2,459,967
3. Term	11,443,459	0	0	0	0	0	0	11,590,827	2,416,737	225,226	0	14,232,790
4. Indexed	0	0	0	0	0	0	0	0	0	0	0	0
5. Universal	6,316,157	0	0	0	0	0	0	8,778,450	0	3,298,176	0	12,076,626
6. Universal with secondary guarantees	0	0	0	0	0	0	0	0	0	0	0	0
7. Variable	0	0	0	0	0	0	0	0	0	0	0	0
8. Variable universal	0	0	0	0	0	0	0	0	0	0	0	0
9. Credit	0	0	0	0	0	0	0	0	0	0	0	0
10. Other	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Individual Life	19,267,635	0	0	0	0	0	0	22,550,177	2,437,670	3,781,536	0	28,769,383
Group Life												
12. Whole	0	0	0	0	0	0	0	802,632	13,887	4,064	0	820,583
13. Term	0	0	0	0	0	0	0	22,118	0	0	0	22,118
14. Universal	0	0	0	0	0	0	0	0	0	0	0	0
15. Variable	0	0	0	0	0	0	0	0	0	0	0	0
16. Variable universal	0	0	0	0	0	0	0	0	0	0	0	0
17. Credit	0	0	0	0	0	0	0	0	0	0	0	0
18. Other	0	0	0	0	0	0	0	0	0	0	0	0
19. Total Group Life	0	0	0	0	0	0	0	824,750	13,887	4,064	0	842,701
Individual Annuities												
20. Fixed	3,139,302,021	0	0	0	0	0	0	577,137,021	0	1,449,161,428	0	2,026,298,449
21. Indexed	5,904,418,026	0	0	0	0	0	0	728,357,041	0	4,950,556,847	0	5,678,913,889
22. Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0
23. Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0
24. Life contingent payout	21,634,214	0	0	0	0	0	0	50,505,704	0	1,220,356	0	51,726,060
25. Other	0	0	0	0	0	0	0	0	0	0	0	0
26. Total Individual Annuities	9,065,354,261	0	0	0	0	0	0	1,355,999,766	0	6,400,938,632	0	7,756,938,397
Group Annuities												
27. Fixed	4,830,786	0	0	0	0	0	0	10,554,560	0	68,666,674	0	79,221,234
28. Indexed	0	0	0	0	0	0	0	0	0	0	0	0
29. Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0
30. Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0
31. Life contingent payout	78,421	0	0	0	0	0	0	65,353,928	0	1,100,697	0	66,454,625
32. Other	0	0	0	0	0	0	0	0	0	0	0	0
33. Total Group Annuities	4,909,207	0	0	0	0	0	0	75,908,488	0	69,767,371	0	145,675,859
Accident and Health												
34. Comprehensive individual (d)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
35. Comprehensive group (d)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
36. Medicare Supplement (d)	1,583,845	0	0	0	0	0	0	XXX	XXX	XXX	1,139,728	1,139,728
37. Vision only (d)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
38. Dental only (d)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
39. Federal Employees Health Benefits Plan (d)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
40. Title XVIII Medicare (d) 0 (e)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
41. Title XIX Medicaid (d)	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
42. Credit A&H	0	0	0	0	0	0	0	XXX	XXX	XXX	0	0
43. Disability income (d)	982	0	0	0	0	0	0	XXX	XXX	XXX	7,130	7,130
44. Long-term care (d)	2,486,695	0	0	0	0	0	0	XXX	XXX	XXX	3,335,119	3,335,119
45. Other health (d)	2,036	0	0	0	0	0	0	XXX	XXX	XXX	0	0
46. Total Accident and Health	4,073,558	0	0	0	0	0	0	XXX	XXX	XXX	4,481,977	4,481,977
47. Total	9,093,604,661 (c)	0	0	0	0	0	0	1,455,283,180	2,451,557	6,474,491,602	4,481,977	7,936,708,317

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
LIFE INSURANCE (STATE PAGE) (Continued)^(b)

NAIC Group Code		0435		BUSINESS IN THE STATE OF		Grand Total		DURING THE YEAR		2024		NAIC Company Code		63312					
Line of Business		Direct Death Benefits, Matured Endowments Incurred and Annuity Benefits										22		Policy Exhibit					
		13		Claims Settled During Current Year										Issued During Year		Other Changes to In Force (Net)		In Force December 31, Current Year (b)	
				Totals Paid		Reduction by Compromise		Amount Rejected		Total Settled During Current Year									
				14	15	16	17	18	19	20	21	Unpaid December 31, Current Year	23							24	25	26	27	28
Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount	Number of Pols/ Certs	Amount			Number of Pols/ Certs	Amount				
Individual Life																			
1.	Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2.	Whole	2,171,290	414	2,419,191	0	0	0	414	2,419,191	167,044	25	4,775,000	(513)	(5,790,282)	6,457	65,140,597			
3.	Term	14,976,524	80	13,932,324	0	0	0	80	13,932,324	3,800,000	0	105,000	(1,010)	(394,806,621)	9,572	2,445,915,520			
4.	Indexed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5.	Universal	9,329,712	86	8,678,450	0	0	0	86	8,678,450	2,072,817	0	40,000	(328)	(47,323,084)	6,607	974,162,183			
6.	Universal with secondary guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7.	Variable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8.	Variable universal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9.	Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11.	Total Individual Life	26,477,525	580	25,029,965	0	0	0	580	25,029,965	6,039,861	25	4,920,000	(1,851)	(447,919,988)	22,636	3,485,218,300			
Group Life																			
12.	Whole	828,755	138	816,519	0	0	0	138	816,519	42,024	0	0	(149)	(770,754)	1,997	10,167,199			
13.	Term	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
14.	Universal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
15.	Variable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
16.	Variable universal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17.	Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
18.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
19.	Total Group Life	828,755	138	816,519	0	0	0	138	816,519	42,024	0	0	(149)	(770,754)	1,997	10,167,199			
Individual Annuities																			
20.	Fixed	423,567,284	4,468	437,345,995	0	0	0	4,468	437,345,995	90,504,114	17,973	3,109,350,084	(17,117)	(1,371,290,257)	144,335	16,116,054,185			
21.	Indexed	680,515,446	5,977	703,781,769	0	0	0	5,977	703,781,769	154,883,272	35,921	5,820,953,235	(41,835)	(3,658,466,332)	241,451	31,642,760,592			
22.	Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
23.	Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
24.	Life contingent payout	4,252,081	121	4,252,081	0	0	0	121	4,252,081	0	418	44,618,853	(421)	(36,082,951)	4,148	324,213,768			
25.	Other	0	0	0	0	0	0	0	0	0	1,575	116,559,068	(1,791)	(113,481,267)	9,049	404,540,448			
26.	Total Individual Annuities	1,108,334,810	10,566	1,145,379,844	0	0	0	10,566	1,145,379,844	245,387,385	55,887	9,091,481,240	(61,164)	(5,179,320,808)	398,983	48,487,568,993			
Group Annuities																			
27.	Fixed	5,920,188	307	10,265,849	0	0	0	307	10,265,849	2,395,825	0	0	(1,819)	(46,716,306)	27,739	757,978,452			
28.	Indexed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
29.	Variable with guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
30.	Variable without guarantees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
31.	Life contingent payout	0	0	0	0	0	0	0	0	0	1	47,192	(609)	(46,560,456)	17,649	849,311,805			
32.	Other	0	0	0	0	0	0	0	0	0	0	0	(12)	(134,459)	35	831,206			
33.	Total Group Annuities	5,920,188	307	10,265,849	0	0	0	307	10,265,849	2,395,825	1	47,192	(2,440)	(93,411,221)	45,423	1,608,121,463			
Accident and Health																			
34.	Comprehensive individual (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
35.	Comprehensive group (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
36.	Medicare Supplement (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(72)	(262,369)	287	1,580,879			
37.	Vision only (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
38.	Dental only (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
39.	Federal Employees Health Benefits Plan (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
40.	Title XVIII Medicare (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
41.	Title XIX Medicaid (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
42.	Credit A&H	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	0	0	0	0			
43.	Disability income (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(2)	(214)	6	982			
44.	Long-term care (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(37)	5,581	1,219	2,888,863			
45.	Other health (d)	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(3)	94	25	2,038			
46.	Total Accident and Health	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	0	0	(114)	(256,908)	1,537	4,472,762			
47.	Total	1,141,561,278	11,591	1,181,492,178	0	0	0	11,591	1,181,492,178	253,865,095	55,913	9,096,448,432	(65,718)	(5,721,679,679)	470,576	53,595,548,716			

(a) Includes Group Credit Life Insurance Loans less than or equal to 60 months at issue, prior year \$ 0 , current year \$ 0 Loans greater than 60 months at issue BUT NOT GREATER THAN 120 MONTHS prior year \$ 0 , current year \$ 0

(b) Corporate Owned Life Insurance/BOLI: 1) Number of policies: 0 2) covering number of lives: 0 3) face amount \$ 0

(c) Deposit-Type Contract Considerations NOT included in Total Premiums and Annuities Considerations: Individual: \$ 18,387,557 Group: \$ 0 Total: \$ 18,387,557

(d) For health business on indicated lines report: Number of persons insured under PPO managed care products 0 and number of persons insured under indemnity only products 0

(e) For health premiums written: amount of Medicare Title XVIII exempt from state taxes or fees \$ 0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

FORM FOR CALCULATING THE INTEREST MAINTENANCE RESERVE

INTEREST MAINTENANCE RESERVE				1
				Amount
1.	Reserve as of December 31, Prior Year			(271,533,895)
2.	Current year's realized pre-tax capital gains/(losses) of \$ (148,323,500) transferred into the reserve net of taxes of \$ (26,624,953)			(121,698,547)
3.	Adjustment for current year's liability gains/(losses) released from the reserve			0
4.	Balance before reduction for amount transferred to Summary of Operations (Line 1 + Line 2 + Line 3)			(393,232,442)
5.	Current year's amortization released to Summary of Operations (Amortization, Line 1, Column 4)			(34,885,007)
6.	Reserve as of December 31, current year (Line 4 minus Line 5)			(358,347,434)

AMORTIZATION

	1	2	3	4
Year of Amortization	Reserve as of December 31, Prior Year	Current Year's Realized Capital Gains/(Losses) Transferred into the Reserve Net of Taxes	Adjustment for Current Year's Liability Gains/(Losses) Released From the Reserve	Balance Before Reduction for Current Year's Amortization (Cols. 1 + 2 + 3)
1. 2024	(15,811,155)	(19,073,852)	0	(34,885,007)
2. 2025	(19,277,190)	(26,470,111)	0	(45,747,302)
3. 2026	(24,847,812)	(20,449,666)	0	(45,297,478)
4. 2027	(29,953,017)	(16,190,570)	0	(46,143,587)
5. 2028	(29,887,781)	(11,792,103)	0	(41,679,884)
6. 2029	(26,166,902)	(7,039,442)	0	(33,206,344)
7. 2030	(21,171,544)	(4,307,248)	0	(25,478,793)
8. 2031	(15,840,749)	(3,757,021)	0	(19,597,770)
9. 2032	(10,236,059)	(3,120,329)	0	(13,356,388)
10. 2033	(4,608,519)	(2,515,656)	0	(7,124,175)
11. 2034	(2,220,972)	(1,804,430)	0	(4,025,402)
12. 2035	(2,536,740)	(1,369,541)	0	(3,906,281)
13. 2036	(2,805,334)	(1,196,476)	0	(4,001,810)
14. 2037	(3,192,578)	(1,011,744)	0	(4,204,322)
15. 2038	(3,244,680)	(823,387)	0	(4,068,067)
16. 2039	(3,582,405)	(610,391)	0	(4,192,796)
17. 2040	(3,747,425)	(444,332)	0	(4,191,757)
18. 2041	(4,047,547)	(336,546)	0	(4,384,093)
19. 2042	(4,159,406)	(219,414)	0	(4,378,820)
20. 2043	(4,492,580)	(96,693)	0	(4,589,273)
21. 2044	(4,667,691)	35,373	0	(4,632,318)
22. 2045	(4,792,405)	105,051	0	(4,687,354)
23. 2046	(4,970,104)	110,679	0	(4,859,426)
24. 2047	(5,320,687)	112,378	0	(5,208,308)
25. 2048	(5,462,601)	117,834	0	(5,344,767)
26. 2049	(5,054,231)	123,119	0	(4,931,112)
27. 2050	(4,026,286)	113,894	0	(3,912,392)
28. 2051	(2,957,491)	90,329	0	(2,867,162)
29. 2052	(1,888,989)	66,765	0	(1,822,223)
30. 2053	(563,013)	41,237	0	(521,776)
31. 2054 and Later		13,746	0	13,746
32. Total (Lines 1 to 31)	(271,533,895)	(121,698,547)	0	(393,232,442)

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

ASSET VALUATION RESERVE

	Default Component			Equity Component			7
	1	2	3	4	5	6	
	Other Than Mortgage Loans	Mortgage Loans	Total (Cols. 1 + 2)	Common Stock	Real Estate and Other Invested Assets	Total (Cols. 4 + 5)	Total Amount (Cols. 3 + 6)
1. Reserve as of December 31, prior year	278,732,602	34,814,027	313,546,629	50,442,475	164,440,208	214,882,682	528,429,311
2. Realized capital gains/(losses) net of taxes - General Account	(72,195,957)	(149,009)	(72,344,966)	21,292,133	(46,364,980)	(25,072,847)	(97,417,813)
3. Realized capital gains/(losses) net of taxes - Separate Accounts			0			0	0
4. Unrealized capital gains/(losses) net of deferred taxes - General Account	11,748,186	597,619	12,345,805	51,178,917	(8,409,075)	42,769,842	55,115,647
5. Unrealized capital gains/(losses) net of deferred taxes - Separate Accounts			0			0	0
6. Capital gains credited/(losses charged) to contract benefits, payments or reserves			0			0	0
7. Basic contribution	93,130,312	12,272,815	105,403,128	0	1,839,071	1,839,071	107,242,199
8. Accumulated balances (Lines 1 through 5 - 6 + 7)	311,415,144	47,535,452	358,950,596	122,913,525	111,505,224	234,418,749	593,369,345
9. Maximum reserve	450,830,279	44,196,558	495,026,836	56,842,627	438,981,751	495,824,379	990,851,215
10. Reserve objective	280,826,522	33,606,813	314,433,335	56,690,958	437,078,249	493,769,207	808,202,541
11. 20% of (Line 10 - Line 8)	(6,117,724)	(2,785,728)	(8,903,452)	(13,244,513)	65,114,605	51,870,092	42,966,639
12. Balance before transfers (Lines 8 + 11)	305,297,419	44,749,724	350,047,143	109,669,011	176,619,829	286,288,840	636,335,984
13. Transfers	553,167	(553,167)	0	(52,826,385)	52,826,385	0	0
14. Voluntary contribution			0			0	0
15. Adjustment down to maximum/up to zero			0			0	0
16. Reserve as of December 31, current year (Lines 12 + 13 + 14 + 15)	305,850,586	44,196,557	350,047,143	56,842,626	229,446,214	286,288,840	636,335,984

ASSET VALUATION RESERVE
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
DEFAULT COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1	2	3	4	Basic Contribution		Reserve Objective		Maximum Reserve	
			Book/Adjusted Carrying Value	Reclassify Related Party Encumbrances	Add Third Party Encumbrances	Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	5	6	7	8	9	10
							Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
LONG-TERM BONDS												
1.		Exempt Obligations	168,629,958	XXX	XXX	168,629,958	0.0000	0	0.0000	0	0.0000	0
2.1	1	NAIC Designation Category 1.A	6,704,379,001	XXX	XXX	6,704,379,001	0.0002	1,340,876	0.0007	4,693,065	0.0013	8,715,693
2.2	1	NAIC Designation Category 1.B	1,082,204,439	XXX	XXX	1,082,204,439	0.0004	432,882	0.0011	1,190,425	0.0023	2,489,070
2.3	1	NAIC Designation Category 1.C	2,894,589,786	XXX	XXX	2,894,589,786	0.0006	1,736,754	0.0018	5,210,262	0.0035	10,131,064
2.4	1	NAIC Designation Category 1.D	1,477,820,357	XXX	XXX	1,477,820,357	0.0007	1,034,474	0.0022	3,251,205	0.0044	6,502,410
2.5	1	NAIC Designation Category 1.E	1,550,988,929	XXX	XXX	1,550,988,929	0.0009	1,395,890	0.0027	4,187,670	0.0055	8,530,439
2.6	1	NAIC Designation Category 1.F	4,404,114,185	XXX	XXX	4,404,114,185	0.0011	4,844,526	0.0034	14,973,988	0.0068	29,947,976
2.7	1	NAIC Designation Category 1.G	3,732,369,625	XXX	XXX	3,732,369,625	0.0014	5,225,317	0.0042	15,675,952	0.0085	31,725,142
2.8		Subtotal NAIC 1 (2.1+2.2+2.3+2.4+2.5+2.6+2.7)	21,846,466,322	XXX	XXX	21,846,466,322	XXX	16,010,719	XXX	49,182,567	XXX	98,041,794
3.1	2	NAIC Designation Category 2.A	3,515,345,798	XXX	XXX	3,515,345,798	0.0021	7,382,226	0.0063	22,146,679	0.0105	36,911,131
3.2	2	NAIC Designation Category 2.B	6,621,543,835	XXX	XXX	6,621,543,835	0.0025	16,553,860	0.0076	50,323,733	0.0127	84,093,607
3.3	2	NAIC Designation Category 2.C	3,366,016,837	XXX	XXX	3,366,016,837	0.0036	12,117,661	0.0108	36,352,982	0.0180	60,588,303
3.4		Subtotal NAIC 2 (3.1+3.2+3.3)	13,502,906,470	XXX	XXX	13,502,906,470	XXX	36,053,746	XXX	108,823,394	XXX	181,593,041
4.1	3	NAIC Designation Category 3.A	414,624,183	XXX	XXX	414,624,183	0.0069	2,860,907	0.0183	7,587,623	0.0262	10,863,154
4.2	3	NAIC Designation Category 3.B	255,708,035	XXX	XXX	255,708,035	0.0099	2,531,510	0.0264	6,750,692	0.0377	9,640,193
4.3	3	NAIC Designation Category 3.C	442,463,100	XXX	XXX	442,463,100	0.0131	5,796,267	0.0350	15,486,209	0.0500	22,123,155
4.4		Subtotal NAIC 3 (4.1+4.2+4.3)	1,112,795,318	XXX	XXX	1,112,795,318	XXX	11,188,683	XXX	29,824,523	XXX	42,626,502
5.1	4	NAIC Designation Category 4.A	134,181,658	XXX	XXX	134,181,658	0.0184	2,468,943	0.0430	5,769,811	0.0615	8,252,172
5.2	4	NAIC Designation Category 4.B	196,387,924	XXX	XXX	196,387,924	0.0238	4,674,033	0.0555	10,899,530	0.0793	15,573,562
5.3	4	NAIC Designation Category 4.C	195,599,033	XXX	XXX	195,599,033	0.0310	6,063,570	0.0724	14,161,370	0.1034	20,224,940
5.4		Subtotal NAIC 4 (5.1+5.2+5.3)	526,168,615	XXX	XXX	526,168,615	XXX	13,206,545	XXX	30,830,711	XXX	44,050,674
6.1	5	NAIC Designation Category 5.A	85,600,279	XXX	XXX	85,600,279	0.0472	4,040,333	0.0846	7,241,784	0.1410	12,069,639
6.2	5	NAIC Designation Category 5.B	140,209,991	XXX	XXX	140,209,991	0.0663	9,295,922	0.1188	16,656,947	0.1980	27,761,578
6.3	5	NAIC Designation Category 5.C	13,997,048	XXX	XXX	13,997,048	0.0836	1,170,153	0.1498	2,096,758	0.2496	3,493,663
6.4		Subtotal NAIC 5 (6.1+6.2+6.3)	239,807,318	XXX	XXX	239,807,318	XXX	14,506,409	XXX	25,995,488	XXX	43,324,881
7.	6	NAIC 6	111,432,692	XXX	XXX	111,432,692	0.0000	0	0.2370	26,409,548	0.2370	26,409,548
8.		Total Unrated Multi-class Securities Acquired by Conversion		XXX	XXX	0	XXX	0	XXX	0	XXX	0
9.		Total Long-Term Bonds (1+2.8+3.4+4.4+5.4+6.4+7+8)	37,508,206,693	XXX	XXX	37,508,206,693	XXX	90,966,102	XXX	271,066,231	XXX	436,046,439
PREFERRED STOCKS												
10.	1	Highest Quality	15,000,000	XXX	XXX	15,000,000	0.0005	7,500	0.0016	24,000	0.0033	49,500
11.	2	High Quality	251,479,903	XXX	XXX	251,479,903	0.0021	528,108	0.0064	1,609,471	0.0106	2,665,687
12.	3	Medium Quality	7,279,914	XXX	XXX	7,279,914	0.0099	72,071	0.0263	191,462	0.0376	273,725
13.	4	Low Quality		XXX	XXX	0	0.0245	0	0.0572	0	0.0817	0
14.	5	Lower Quality	8,323,982	XXX	XXX	8,323,982	0.0630	524,411	0.1128	938,945	0.1880	1,564,909
15.	6	In or Near Default	15,791,961	XXX	XXX	15,791,961	0.0000	0	0.2370	3,742,695	0.2370	3,742,695
16.		Affiliated Life with AVR		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
17.		Total Preferred Stocks (Sum of Lines 10 through 16)	297,875,760	XXX	XXX	297,875,760	XXX	1,132,090	XXX	6,506,573	XXX	8,296,515

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
DEFAULT COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1	2	3	4	Basic Contribution		Reserve Objective		Maximum Reserve	
			Book/Adjusted Carrying Value	Reclassify Related Party Encumbrances	Add Third Party Encumbrances	Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	5	6	7	8	9	10
							Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
SHORT-TERM BONDS												
18.		Exempt Obligations		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
19.1	1	NAIC Designation Category 1.A		XXX	XXX	0	0.0002	0	0.0007	0	0.0013	0
19.2	1	NAIC Designation Category 1.B		XXX	XXX	0	0.0004	0	0.0011	0	0.0023	0
19.3	1	NAIC Designation Category 1.C		XXX	XXX	0	0.0006	0	0.0018	0	0.0035	0
19.4	1	NAIC Designation Category 1.D	254,160,655	XXX	XXX	254,160,655	0.0007	177,912	0.0022	559,153	0.0044	1,118,307
19.5	1	NAIC Designation Category 1.E	49,999,490	XXX	XXX	49,999,490	0.0009	45,000	0.0027	134,999	0.0055	274,997
19.6	1	NAIC Designation Category 1.F		XXX	XXX	0	0.0011	0	0.0034	0	0.0068	0
19.7	1	NAIC Designation Category 1.G		XXX	XXX	0	0.0014	0	0.0042	0	0.0085	0
19.8		Subtotal NAIC 1 (19.1+19.2+19.3+19.4+19.5+19.6+19.7)	304,160,145	XXX	XXX	304,160,145	XXX	222,912	XXX	694,152	XXX	1,393,304
20.1	2	NAIC Designation Category 2.A	59,223,587	XXX	XXX	59,223,587	0.0021	124,370	0.0063	373,109	0.0105	621,848
20.2	2	NAIC Designation Category 2.B	12,569,671	XXX	XXX	12,569,671	0.0025	31,424	0.0076	95,529	0.0127	159,635
20.3	2	NAIC Designation Category 2.C		XXX	XXX	0	0.0036	0	0.0108	0	0.0180	0
20.4		Subtotal NAIC 2 (20.1+20.2+20.3)	71,793,258	XXX	XXX	71,793,258	XXX	155,794	XXX	468,638	XXX	781,482
21.1	3	NAIC Designation Category 3.A		XXX	XXX	0	0.0069	0	0.0183	0	0.0262	0
21.2	3	NAIC Designation Category 3.B		XXX	XXX	0	0.0099	0	0.0264	0	0.0377	0
21.3	3	NAIC Designation Category 3.C		XXX	XXX	0	0.0131	0	0.0350	0	0.0500	0
21.4		Subtotal NAIC 3 (21.1+21.2+21.3)	0	XXX	XXX	0	XXX	0	XXX	0	XXX	0
22.1	4	NAIC Designation Category 4.A		XXX	XXX	0	0.0184	0	0.0430	0	0.0615	0
22.2	4	NAIC Designation Category 4.B		XXX	XXX	0	0.0238	0	0.0555	0	0.0793	0
22.3	4	NAIC Designation Category 4.C		XXX	XXX	0	0.0310	0	0.0724	0	0.1034	0
22.4		Subtotal NAIC 4 (22.1+22.2+22.3)	0	XXX	XXX	0	XXX	0	XXX	0	XXX	0
23.1	5	NAIC Designation Category 5.A		XXX	XXX	0	0.0472	0	0.0846	0	0.1410	0
23.2	5	NAIC Designation Category 5.B		XXX	XXX	0	0.0663	0	0.1188	0	0.1980	0
23.3	5	NAIC Designation Category 5.C		XXX	XXX	0	0.0836	0	0.1498	0	0.2496	0
23.4		Subtotal NAIC 5 (23.1+23.2+23.3)	0	XXX	XXX	0	XXX	0	XXX	0	XXX	0
24.	6	NAIC 6		XXX	XXX	0	0.0000	0	0.2370	0	0.2370	0
25.		Total Short-Term Bonds (18+19.8+20.4+21.4+22.4+23.4+24)	375,953,403	XXX	XXX	375,953,403	XXX	378,706	XXX	1,162,790	XXX	2,174,787
DERIVATIVE INSTRUMENTS												
26.		Exchange Traded	382,372,066	XXX	XXX	382,372,066	0.0005	191,186	0.0016	611,795	0.0033	1,261,828
27.	1	Highest Quality	15,866,289	XXX	XXX	15,866,289	0.0005	7,933	0.0016	25,386	0.0033	52,359
28.	2	High Quality		XXX	XXX	0	0.0021	0	0.0064	0	0.0106	0
29.	3	Medium Quality		XXX	XXX	0	0.0099	0	0.0263	0	0.0376	0
30.	4	Low Quality		XXX	XXX	0	0.0245	0	0.0572	0	0.0817	0
31.	5	Lower Quality		XXX	XXX	0	0.0630	0	0.1128	0	0.1880	0
32.	6	In or Near Default		XXX	XXX	0	0.0000	0	0.2370	0	0.2370	0
33.		Total Derivative Instruments	398,238,355	XXX	XXX	398,238,355	XXX	199,119	XXX	637,181	XXX	1,314,187
34.		Total (Lines 9 + 17 + 25 + 33)	38,580,274,211	XXX	XXX	38,580,274,211	XXX	92,676,017	XXX	279,372,776	XXX	447,831,928

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
DEFAULT COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1 Book/Adjusted Carrying Value	2 Reclassify Related Party Encumbrances	3 Add Third Party Encumbrances	4 Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	Basic Contribution		Reserve Objective		Maximum Reserve	
							5 Factor	6 Amount (Cols.4 x 5)	7 Factor	8 Amount (Cols. 4 x 7)	9 Factor	10 Amount (Cols. 4 x 9)
		MORTGAGE LOANS										
		In Good Standing:										
35.		Farm Mortgages - CM1 - Highest Quality			XXX	0	0.0011	0	0.0057	0	0.0074	0
36.		Farm Mortgages - CM2 - High Quality			XXX	0	0.0040	0	0.0114	0	0.0149	0
37.		Farm Mortgages - CM3 - Medium Quality			XXX	0	0.0069	0	0.0200	0	0.0257	0
38.		Farm Mortgages - CM4 - Low Medium Quality			XXX	0	0.0120	0	0.0343	0	0.0428	0
39.		Farm Mortgages - CM5 - Low Quality			XXX	0	0.0183	0	0.0486	0	0.0628	0
40.		Residential Mortgages - Insured or Guaranteed	374,248,821		XXX	374,248,821	0.0003	112,275	0.0007	261,974	0.0011	411,674
41.		Residential Mortgages - All Other	2,863,382,448		XXX	2,863,382,448	0.0015	4,295,074	0.0034	9,735,500	0.0046	13,171,559
42.		Commercial Mortgages - Insured or Guaranteed	0		XXX	0	0.0003	0	0.0007	0	0.0011	0
43.		Commercial Mortgages - All Other - CM1 - Highest Quality	398,405,620		XXX	398,405,620	0.0011	438,246	0.0057	2,270,912	0.0074	2,948,202
44.		Commercial Mortgages - All Other - CM2 - High Quality	977,072,865		XXX	977,072,865	0.0040	3,908,291	0.0114	11,138,631	0.0149	14,558,386
45.		Commercial Mortgages - All Other - CM3 - Medium Quality	509,989,780		XXX	509,989,780	0.0069	3,518,929	0.0200	10,199,796	0.0257	13,106,737
46.		Commercial Mortgages - All Other - CM4 - Low Medium Quality			XXX	0	0.0120	0	0.0343	0	0.0428	0
47.		Commercial Mortgages - All Other - CM5 - Low Quality			XXX	0	0.0183	0	0.0486	0	0.0628	0
		Overdue, Not in Process:										
48.		Farm Mortgages			XXX	0	0.0480	0	0.0868	0	0.1371	0
49.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
50.		Residential Mortgages - All Other			XXX	0	0.0029	0	0.0066	0	0.0103	0
51.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
52.		Commercial Mortgages - All Other			XXX	0	0.0480	0	0.0868	0	0.1371	0
		In Process of Foreclosure:										
53.		Farm Mortgages			XXX	0	0.0000	0	0.1942	0	0.1942	0
54.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0000	0	0.0046	0	0.0046	0
55.		Residential Mortgages - All Other			XXX	0	0.0000	0	0.0149	0	0.0149	0
56.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0000	0	0.0046	0	0.0046	0
57.		Commercial Mortgages - All Other			XXX	0	0.0000	0	0.1942	0	0.1942	0
58.		Total Schedule B Mortgages (Sum of Lines 35 through 57)	5,123,099,534	0	XXX	5,123,099,534	XXX	12,272,815	XXX	33,606,813	XXX	44,196,558
59.		Schedule DA Mortgages			XXX	0	0.0034	0	0.0114	0	0.0149	0
60.		Total Mortgage Loans on Real Estate (Lines 58 + 59)	5,123,099,534	0	XXX	5,123,099,534	XXX	12,272,815	XXX	33,606,813	XXX	44,196,558

ASSET VALUATION RESERVE
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1	2	3	4	Basic Contribution		Reserve Objective		Maximum Reserve	
			Book/Adjusted Carrying Value	Reclassify Related Party Encumbrances	Add Third Party Encumbrances	Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	5	6	7	8	9	10
							Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
COMMON STOCK												
1.		Unaffiliated - Public	138,268,159	XXX	XXX	138,268,159	0.0000	0	0.2431 (a)	33,612,989	0.2431 (a)	33,612,989
2.		Unaffiliated - Private	116,320,608	XXX	XXX	116,320,608	0.0000	0	0.1945	22,624,358	0.1945	22,624,358
3.		Federal Home Loan Bank	42,130,525	XXX	XXX	42,130,525	0.0000	0	0.0061	256,996	0.0097	408,666
4.		Affiliated - Life with AVR	481,045,854	XXX	XXX	481,045,854	0.0000	0	0.0000	0	0.0000	0
Affiliated - Investment Subsidiary:												
5.		Fixed Income - Exempt Obligations				0	XXX		XXX		XXX	
6.		Fixed Income - Highest Quality				0	XXX		XXX		XXX	
7.		Fixed Income - High Quality				0	XXX		XXX		XXX	
8.		Fixed Income - Medium Quality				0	XXX		XXX		XXX	
9.		Fixed Income - Low Quality				0	XXX		XXX		XXX	
10.		Fixed Income - Lower Quality				0	XXX		XXX		XXX	
11.		Fixed Income - In/Near Default				0	XXX		XXX		XXX	
12.		Unaffiliated Common Stock - Public				0	0.0000	0	0.1580 (a)	0	0.1580 (a)	0
13.		Unaffiliated Common Stock - Private				0	0.0000	0	0.1945	0	0.1945	0
14.		Real Estate				0	(b)	0	(b)	0	(b)	0
15.		Affiliated - Certain Other (See SVO Purposes and Procedures Manual)		XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
16.		Affiliated - All Other	1,010,867	XXX	XXX	1,010,867	0.0000	0	0.1945	196,614	0.1945	196,614
17.		Total Common Stock (Sum of Lines 1 through 16)	778,776,013	0	0	778,776,013	XXX	0	XXX	56,690,958	XXX	56,842,627
REAL ESTATE												
18.		Home Office Property (General Account only)				0	0.0000	0	0.0912	0	0.0912	0
19.		Investment Properties				0	0.0000	0	0.0912	0	0.0912	0
20.		Properties Acquired in Satisfaction of Debt				0	0.0000	0	0.1337	0	0.1337	0
21.		Total Real Estate (Sum of Lines 18 through 20)	0	0	0	0	XXX	0	XXX	0	XXX	0
OTHER INVESTED ASSETS												
INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF BONDS												
22.		Exempt Obligations		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
23.	1	Highest Quality		XXX	XXX	0	0.0005	0	0.0016	0	0.0033	0
24.	2	High Quality		XXX	XXX	0	0.0021	0	0.0064	0	0.0106	0
25.	3	Medium Quality		XXX	XXX	0	0.0099	0	0.0263	0	0.0376	0
26.	4	Low Quality		XXX	XXX	0	0.0245	0	0.0572	0	0.0817	0
27.	5	Lower Quality		XXX	XXX	0	0.0630	0	0.1128	0	0.1880	0
28.	6	In or Near Default	56,393,030	XXX	XXX	56,393,030	0.0000	0	0.2370	13,365,148	0.2370	13,365,148
29.		Total with Bond Characteristics (Sum of Lines 22 through 28)	56,393,030	XXX	XXX	56,393,030	XXX	0	XXX	13,365,148	XXX	13,365,148

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1	2	3	4	Basic Contribution		Reserve Objective		Maximum Reserve	
			Book/Adjusted Carrying Value	Reclassify Related Party Encumbrances	Add Third Party Encumbrances	Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	5	6	7	8	9	10
							Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF PREFERRED STOCKS										
30.	1	Highest Quality	190,787,726	XXX	XXX	190,787,726	0.0005	95,394	0.0016	305,260	0.0033	629,599
31.	2	High Quality	51,036,117	XXX	XXX	51,036,117	0.0021	107,176	0.0064	326,631	0.0106	540,983
32.	3	Medium Quality		XXX	XXX	0	0.0099	0	0.0263	0	0.0376	0
33.	4	Low Quality		XXX	XXX	0	0.0245	0	0.0572	0	0.0817	0
34.	5	Lower Quality.....	16,590	XXX	XXX	16,590	0.0630	1,045	0.1128	1,871	0.1880	3,119
35.	6	In or Near Default		XXX	XXX	0	0.0000	0	0.2370	0	0.2370	0
36.		Affiliated Life with AVR		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
37.		Total with Preferred Stock Characteristics (Sum of Lines 30 through 36)	241,840,433	XXX	XXX	241,840,433	XXX	203,615	XXX	633,763	XXX	1,173,701
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF MORTGAGE LOANS										
		In Good Standing Affiliated:										
38.		Mortgages - CM1 - Highest Quality			XXX	0	0.0011	0	0.0057	0	0.0074	0
39.		Mortgages - CM2 - High Quality	64,063,890		XXX	64,063,890	0.0040	256,256	0.0114	730,328	0.0149	954,552
40.		Mortgages - CM3 - Medium Quality	198,823,066		XXX	198,823,066	0.0069	1,371,879	0.0200	3,976,461	0.0257	5,109,753
41.		Mortgages - CM4 - Low Medium Quality			XXX	0	0.0120	0	0.0343	0	0.0428	0
42.		Mortgages - CM5 - Low Quality			XXX	0	0.0183	0	0.0486	0	0.0628	0
43.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0003	0	0.0007	0	0.0011	0
44.		Residential Mortgages - All Other		XXX	XXX	0	0.0015	0	0.0034	0	0.0046	0
45.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0003	0	0.0007	0	0.0011	0
		Overdue, Not in Process Affiliated:										
46.		Farm Mortgages			XXX	0	0.0480	0	0.0868	0	0.1371	0
47.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
48.		Residential Mortgages - All Other			XXX	0	0.0029	0	0.0066	0	0.0103	0
49.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0006	0	0.0014	0	0.0023	0
50.		Commercial Mortgages - All Other			XXX	0	0.0480	0	0.0868	0	0.1371	0
		In Process of Foreclosure Affiliated:										
51.		Farm Mortgages			XXX	0	0.0000	0	0.1942	0	0.1942	0
52.		Residential Mortgages - Insured or Guaranteed			XXX	0	0.0000	0	0.0046	0	0.0046	0
53.		Residential Mortgages - All Other			XXX	0	0.0000	0	0.0149	0	0.0149	0
54.		Commercial Mortgages - Insured or Guaranteed			XXX	0	0.0000	0	0.0046	0	0.0046	0
55.		Commercial Mortgages - All Other			XXX	0	0.0000	0	0.1942	0	0.1942	0
56.		Total Affiliated (Sum of Lines 38 through 55)	262,886,956	0	XXX	262,886,956	XXX	1,628,135	XXX	4,706,790	XXX	6,064,305
57.		Unaffiliated - In Good Standing With Covenants			XXX	0	(c)	0	(c)	0	(c)	0
58.		Unaffiliated - In Good Standing Defeased With Government Securities			XXX	0	0.0011	0	0.0057	0	0.0074	0
59.		Unaffiliated - In Good Standing Primarily Senior			XXX	0	0.0040	0	0.0114	0	0.0149	0
60.		Unaffiliated - In Good Standing All Other	1,061,144		XXX	1,061,144	0.0069	7,322	0.0200	21,223	0.0257	27,271
61.		Unaffiliated - Overdue, Not in Process			XXX	0	0.0480	0	0.0868	0	0.1371	0
62.		Unaffiliated - In Process of Foreclosure			XXX	0	0.0000	0	0.1942	0	0.1942	0
63.		Total Unaffiliated (Sum of Lines 57 through 62)	1,061,144	0	XXX	1,061,144	XXX	7,322	XXX	21,223	XXX	27,271
64.		Total with Mortgage Loan Characteristics (Lines 56 + 63)	263,948,100	0	XXX	263,948,100	XXX	1,635,457	XXX	4,728,013	XXX	6,091,576

ASSET VALUATION RESERVE (Continued)
BASIC CONTRIBUTION, RESERVE OBJECTIVE AND MAXIMUM RESERVE CALCULATIONS
EQUITY AND OTHER INVESTED ASSET COMPONENT

Line Num- ber	NAIC Desig- nation	Description	1	2	3	4	Basic Contribution		Reserve Objective		Maximum Reserve	
			Book/Adjusted Carrying Value	Reclassify Related Party Encumbrances	Add Third Party Encumbrances	Balance for AVR Reserve Calculations (Cols. 1 + 2 + 3)	5	6	7	8	9	10
							Factor	Amount (Cols.4 x 5)	Factor	Amount (Cols. 4 x 7)	Factor	Amount (Cols. 4 x 9)
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF COMMON STOCK										
65.		Unaffiliated Public		XXX	XXX	0	0.0000	0	0.1580 (a)	0	0.1580 (a)	0
66.		Unaffiliated Private	734,187,391	XXX	XXX	734,187,391	0.0000	0	0.1945	142,799,448	0.1945	142,799,448
67.		Affiliated Life with AVR		XXX	XXX	0	0.0000	0	0.0000	0	0.0000	0
68.		Affiliated Certain Other (See SVO Purposes & Procedures Manual)		XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
69.		Affiliated Other - All Other	1,205,648,015	XXX	XXX	1,205,648,015	0.0000	0	0.1945	234,498,539	0.1945	234,498,539
70.		Total with Common Stock Characteristics (Sum of Lines 65 through 69)	1,939,835,406	XXX	XXX	1,939,835,406	XXX	0	XXX	377,297,986	XXX	377,297,986
		INVESTMENTS WITH THE UNDERLYING CHARACTERISTICS OF REAL ESTATE										
71.		Home Office Property (General Account only)				0	0.0000	0	0.0912	0	0.0912	0
72.		Investment Properties	131,192,707		38,122,403	169,315,110	0.0000	0	0.0912	15,441,538	0.0912	15,441,538
73.		Properties Acquired in Satisfaction of Debt				0	0.0000	0	0.1337	0	0.1337	0
74.		Total with Real Estate Characteristics (Sum of Lines 71 through 73)	131,192,707	0	38,122,403	169,315,110	XXX	0	XXX	15,441,538	XXX	15,441,538
		LOW INCOME HOUSING TAX CREDIT INVESTMENTS										
75.		Guaranteed Federal Low Income Housing Tax Credit	0			0	0.0003	0	0.0006	0	0.0010	0
76.		Non-guaranteed Federal Low Income Housing Tax Credit	0			0	0.0063	0	0.0120	0	0.0190	0
77.		Guaranteed State Low Income Housing Tax Credit	0			0	0.0003	0	0.0006	0	0.0010	0
78.		Non-guaranteed State Low Income Housing Tax Credit	0			0	0.0063	0	0.0120	0	0.0190	0
79.		All Other Low Income Housing Tax Credit	0			0	0.0273	0	0.0600	0	0.0975	0
80.		Total LIHTC (Sum of Lines 75 through 79)	0	0	0	0	XXX	0	XXX	0	XXX	0
		RESIDUAL TRANCHES OR INTERESTS										
81.		Fixed Income Instruments - Unaffiliated	24,990,041	XXX	XXX	24,990,041	0.0000	0	0.1580	3,948,427	0.1580	3,948,427
82.		Fixed Income Instruments - Affiliated	21,276,299	XXX	XXX	21,276,299	0.0000	0	0.1580	3,361,655	0.1580	3,361,655
83.		Common Stock - Unaffiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
84.		Common Stock - Affiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
85.		Preferred Stock - Unaffiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
86.		Preferred Stock - Affiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
87.		Real Estate - Unaffiliated	0			0	0.0000	0	0.1580	0	0.1580	0
88.		Real Estate - Affiliated	0			0	0.0000	0	0.1580	0	0.1580	0
89.		Mortgage Loans - Unaffiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
90.		Mortgage Loans - Affiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
91.		Other - Unaffiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
92.		Other - Affiliated	0	XXX	XXX	0	0.0000	0	0.1580	0	0.1580	0
93.		Total Residual Tranches or Interests (Sum of Lines 81 through 92)	46,266,341	0	0	46,266,341	XXX	0	XXX	7,310,082	XXX	7,310,082
		ALL OTHER INVESTMENTS										
94.		NAIC 1 Working Capital Finance Investments		XXX		0	0.0000	0	0.0042	0	0.0042	0
95.		NAIC 2 Working Capital Finance Investments		XXX		0	0.0000	0	0.0137	0	0.0137	0
96.		Other Invested Assets - Schedule BA	115,833,666	XXX		115,833,666	0.0000	0	0.1580	18,301,719	0.1580	18,301,719
97.		Other Short-Term Invested Assets - Schedule DA		XXX		0	0.0000	0	0.1580	0	0.1580	0
98.		Total All Other (Sum of Lines 94, 95, 96 and 97)	115,833,666	XXX	0	115,833,666	XXX	0	XXX	18,301,719	XXX	18,301,719
99.		Total Other Invested Assets - Schedules BA & DA (Sum of Lines 29, 37, 64, 70, 74, 80, 93 and 98)	2,795,309,683	0	38,122,403	2,833,432,086	XXX	1,839,071	XXX	437,078,249	XXX	438,981,751

(a) Times the company's weighted average portfolio beta (Minimum .1215, Maximum .2431).
(b) Determined using the same factors and breakdowns used for directly owned real estate.
(c) This will be the factor associated with the risk category determined in the company generated worksheet.

Asset Valuation Reserve - Replications (Synthetic) Assets
N O N E

Schedule F - Claims
N O N E

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE H - ACCIDENT AND HEALTH EXHIBIT

PART 1 - ANALYSIS OF UNDERWRITING OPERATIONS

	Total		Comprehensive (Hospital and Medical) Individual		Comprehensive (Hospital and Medical) Group		Medicare Supplement		Vision Only		Dental Only		Federal Employees Health Benefits Plan	
	1 Amount	2 %	3 Amount	4 %	5 Amount	6 %	7 Amount	8 %	9 Amount	10 %	11 Amount	12 %	13 Amount	14 %
1. Premiums written	2,855,851	XXX		XXX		XXX		XXX		XXX		XXX		XXX
2. Premiums earned	2,906,606	XXX		XXX		XXX		XXX		XXX		XXX		XXX
3. Incurred claims	6,947,659	239.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
4. Cost containment expenses	0	0.0		0.0		0.0		0.0		0.0		0.0		0.0
5. Incurred claims and cost containment expenses (Lines 3 and 4)	6,947,659	239.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
6. Increase in contract reserves	261,958	9.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7. Commissions (a)	516,069	17.8		0.0		0.0		0.0		0.0		0.0		0.0
8. Other general insurance expenses	0	0.0		0.0		0.0		0.0		0.0		0.0		0.0
9. Taxes, licenses and fees	0	0.0		0.0		0.0		0.0		0.0		0.0		0.0
10. Total other expenses incurred	516,069	17.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
11. Aggregate write-ins for deductions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
12. Gain from underwriting before dividends or refunds .	(4,819,080)	(165.8)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13. Dividends or refunds	0	0.0		0.0		0.0		0.0		0.0		0.0		0.0
14. Gain from underwriting after dividends or refunds	(4,819,080)	(165.8)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DETAILS OF WRITE-INS														
1101.														
1102.														
1103.														
1198. Summary of remaining write-ins for Line 11 from overflow page	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

	Medicare Title XVIII		Medicaid Title XIX		Credit A&H		Disability Income		Long-Term Care		Other Health	
	15 Amount	16 %	17 Amount	18 %	19 Amount	20 %	21 Amount	22 %	23 Amount	24 %	25 Amount	26 %
1. Premiums written		XXX		XXX		XXX		XXX	2,855,851	XXX		XXX
2. Premiums earned		XXX		XXX		XXX		XXX	2,906,606	XXX		XXX
3. Incurred claims	0	0.0	0	0.0	0	0.0	0	0.0	6,947,659	239.0	0	0.0
4. Cost containment expenses		0.0		0.0		0.0		0.0		0.0		0.0
5. Incurred claims and cost containment expenses (Lines 3 and 4)	0	0.0	0	0.0	0	0.0	0	0.0	6,947,659	239.0	0	0.0
6. Increase in contract reserves	0	0.0	0	0.0	0	0.0	0	0.0	261,958	9.0	0	0.0
7. Commissions (a)		0.0		0.0		0.0		0.0	516,069	17.8		0.0
8. Other general insurance expenses		0.0		0.0		0.0		0.0		0.0		0.0
9. Taxes, licenses and fees		0.0		0.0		0.0		0.0		0.0		0.0
10. Total other expenses incurred	0	0.0	0	0.0	0	0.0	0	0.0	516,069	17.8	0	0.0
11. Aggregate write-ins for deductions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
12. Gain from underwriting before dividends or refunds .	0	0.0	0	0.0	0	0.0	0	0.0	(4,819,080)	(165.8)	0	0.0
13. Dividends or refunds		0.0		0.0		0.0		0.0		0.0		0.0
14. Gain from underwriting after dividends or refunds	0	0.0	0	0.0	0	0.0	0	0.0	(4,819,080)	(165.8)	0	0.0
DETAILS OF WRITE-INS												
1101.												
1102.												
1103.												
1198. Summary of remaining write-ins for Line 11 from overflow page	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1199. Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

(a) Includes \$ reported as "Contract, membership and other fees retained by agents."

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE H - ACCIDENT AND HEALTH EXHIBIT (Continued)

PART 2. - RESERVES AND LIABILITIES

	1	2	3	4	5	6	7	8	9	10	11	12	13
	Total	Comprehensive (Hospital and Medical) Individual	Comprehensive (Hospital and Medical) Group	Medicare Supplement	Vision Only	Dental Only	Federal Employees Health Benefits Plan	Medicare Title XVIII	Medicaid Title XIX	Credit A&H	Disability Income	Long-Term Care	Other Health
A. Premium Reserves:													
1. Unearned premiums	685,092											685,092	
2. Advance premiums	13,131											13,131	
3. Reserve for rate credits	0												
4. Total premium reserves, current year	698,223	0	0	0	0	0	0	0	0	0	0	698,223	0
5. Total premium reserves, prior year	742,340	0	0	0	0	0	0	0	0	0	0	742,340	0
6. Increase in total premium reserves	(44,117)	0	0	0	0	0	0	0	0	0	0	(44,117)	0
B. Contract Reserves:													
1. Additional reserves (a)	38,155,861											38,155,861	
2. Reserve for future contingent benefits	0												
3. Total contract reserves, current year	38,155,861	0	0	0	0	0	0	0	0	0	0	38,155,861	0
4. Total contract reserves, prior year	37,893,903	0	0	0	0	0	0	0	0	0	0	37,893,903	0
5. Increase in contract reserves	261,958	0	0	0	0	0	0	0	0	0	0	261,958	0
C. Claim Reserves and Liabilities:													
1. Total current year	16,155,563	0	0	0	0	0	0	0	0	0	0	16,155,563	0
2. Total prior year	14,121,809	0	0	0	0	0	0	0	0	0	0	14,121,809	0
3. Increase	2,033,754	0	0	0	0	0	0	0	0	0	0	2,033,754	0

PART 3. - TEST OF PRIOR YEAR'S CLAIM RESERVES AND LIABILITIES

	1	2	3	4	5	6	7	8	9	10	11	12	13
	Total	Comprehensive (Hospital and Medical) Individual	Comprehensive (Hospital and Medical) Group	Medicare Supplement	Vision Only	Dental Only	Federal Employees Health Benefits Plan	Medicare Title XVIII	Medicaid Title XIX	Credit A&H	Disability Income	Long-Term Care	Other Health
1. Claims paid during the year:													
1.1 On claims incurred prior to current year	4,154,297											4,154,297	
1.2 On claims incurred during current year	759,608											759,608	
2. Claim reserves and liabilities, December 31, current year:													
2.1 On claims incurred prior to current year	9,956,495											9,956,495	
2.2 On claims incurred during current year	6,199,068											6,199,068	
3. Test:													
3.1 Lines 1.1 and 2.1	14,110,792	0	0	0	0	0	0	0	0	0	0	14,110,792	0
3.2 Claim reserves and liabilities, December 31, prior year	14,121,809	0	0	0	0	0	0	0	0	0	0	14,121,809	0
3.3 Line 3.1 minus Line 3.2	(11,017)	0	0	0	0	0	0	0	0	0	0	(11,017)	0

PART 4. - REINSURANCE

	1	2	3	4	5	6	7	8	9	10	11	12	13
	Total	Comprehensive (Hospital and Medical) Individual	Comprehensive (Hospital and Medical) Group	Medicare Supplement	Vision Only	Dental Only	Federal Employees Health Benefits Plan	Medicare Title XVIII	Medicaid Title XIX	Credit A&H	Disability Income	Long-Term Care	Other Health
A. Reinsurance Assumed:													
1. Premiums written	2,855,851											2,855,851	
2. Premiums earned	2,906,607											2,906,607	
3. Incurred claims	6,947,661											6,947,661	
4. Commissions	516,069											516,069	
B. Reinsurance Ceded:													
1. Premiums written	4,455,851			1,586,548							1,612	2,865,720	1,971
2. Premiums earned	4,469,150			1,593,258							1,641	2,872,243	2,008
3. Incurred claims	5,572,446			1,141,167							6,083	4,425,218	(22)
4. Commissions	136,735			8,478								128,218	39

(a) Includes \$ premium deficiency reserve.

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE H - PART 5 - HEALTH CLAIMS

	1 Comprehensive (Hospital and Medical) Individual	2 Comprehensive (Hospital and Medical) Group	3 Medicare Supplement	4 Vision Only	5 Dental Only	6 Federal Employees Health Benefits Plan	7 Medicare Title XVIII	8 Medicaid Title XIX	9 Credit A&H	10 Disability Income	11 Long-Term Care	12 Other Health	13 Total
A. Direct:													
1. Incurred claims			1,141,167							6,083	4,425,218	(22)	5,572,446
2. Beginning claim reserves and liabilities			149,067							43,062	8,832,195	507	9,024,831
3. Ending claim reserves and liabilities			150,506							42,015	9,922,295	485	10,115,301
4. Claims paid	0	0	1,139,728	0	0	0	0	0	0	7,130	3,335,118	0	4,481,976
B. Assumed Reinsurance:													
1. Incurred claims											6,947,661		6,947,661
2. Beginning claim reserves and liabilities											14,121,809		14,121,809
3. Ending claim reserves and liabilities											16,155,563		16,155,563
4. Claims paid	0	0	0	0	0	0	0	0	0	0	4,913,907	0	4,913,907
C. Ceded Reinsurance:													
1. Incurred claims			1,141,167							6,083	4,425,218	(22)	5,572,446
2. Beginning claim reserves and liabilities			149,067							43,062	8,832,195	507	9,024,831
3. Ending claim reserves and liabilities			150,506							42,015	9,922,295	485	10,115,301
4. Claims paid	0	0	1,139,728	0	0	0	0	0	0	7,130	3,335,118	0	4,481,976
D. Net:													
1. Incurred claims	0	0	0	0	0	0	0	0	0	0	6,947,661	0	6,947,661
2. Beginning claim reserves and liabilities	0	0	0	0	0	0	0	0	0	0	14,121,809	0	14,121,809
3. Ending claim reserves and liabilities	0	0	0	0	0	0	0	0	0	0	16,155,563	0	16,155,563
4. Claims paid	0	0	0	0	0	0	0	0	0	0	4,913,907	0	4,913,907
E. Net Incurred Claims and Cost Containment Expenses:													
1. Incurred claims and cost containment expenses	0	0	0	0	0	0	0	0	0	0	6,947,659	0	6,947,659
2. Beginning reserves and liabilities											14,121,809		14,121,809
3. Ending reserves and liabilities											16,155,563		16,155,563
4. Paid claims and cost containment expenses	0	0	0	0	0	0	0	0	0	0	4,913,905	0	4,913,905

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE S - PART 1 - SECTION 1

Reinsurance Assumed Life Insurance, Annuities, Deposit Funds and Other Liabilities Without Life or Disability Contingencies, and Related Benefits Listed by Reinsured Company as of December 31, Current Year

1 NAIC Company Code	2 ID Number	3 Effective Date	4 Name of Reinsured	5 Domiciliary Jurisdiction	6 Type of Reinsurance Assumed	7 Type of Business Assumed	8 Amount of In Force at End of Year	9 Reserve	10 Premiums	11 Reinsurance Payable on Paid and Unpaid Losses	12 Modified Coinsurance Reserve	13 Funds Withheld Under Coinsurance
0399999. Total General Account - U.S. Affiliates							0	0	0	0	0	0
0699999. Total General Account - Non-U.S. Affiliates							0	0	0	0	0	0
0799999. Total General Account - Affiliates							0	0	0	0	0	0
..... 71404	..47-0463747 ..	..10/31/2015 ..	Continental General Insurance Company	TX.....	CO/I	FA.....	0	429,686	0	0	0	0
..... 71404	..47-0463747 ..	..10/31/2015 ..	Continental General Insurance Company	TX.....	CO/I	OL.....	1,851,059	893,319	98,492	33,319	0	0
..... 71404	..47-0463747 ..	..10/31/2015 ..	Continental General Insurance Company	TX.....	CO/G.....	FA.....	0	975,729	11,840	0	0	0
..... 65722	..63-0343428 ..	..08/31/2012 ..	Loyal American Life Insurance Company	OH.....	CO/I	FA.....	0	54,189,288	141,054	524,289	0	0
..... 65722	..63-0343428 ..	..08/31/2012 ..	Loyal American Life Insurance Company	OH.....	CO/I	OL.....	202,645,986	88,582,841	1,993,134	2,466,626	0	0
..... 61727	..34-0970995 ..	..08/31/2012 ..	Cigna National Health Insurance Company	OH.....	CO/I	FA.....	0	3,175,107	25,996	45,516	0	0
..... 61727	..34-0970995 ..	..08/31/2012 ..	Cigna National Health Insurance Company	OH.....	CO/I	OL.....	6,828,782	1,018,227	158,936	40,290	0	0
..... 67903	..23-1335885 ..	..08/31/2012 ..	Provident American Life & Health Insurance Company	OH.....	CO/I	OL.....	3,600,112	1,809,512	262,045	50,364	0	0
..... 88366	..59-2760189 ..	..08/31/2012 ..	American Retirement Life Insurance Company	OH.....	CO/I	OL.....	916,771	660,965	0	3,000	0	0
..... 65722	..63-0343428 ..	..01/01/2007 ..	Loyal American Life Insurance Company	OH.....	CO/I	IA.....	0	8,820,274	0	16,615	0	0
..... 62200	..95-2496321 ..	..06/30/2011 ..	Accordia Life and Annuity Company	IA.....	CO/I	FA.....	0	2,257,880	0	38,071	0	0
..... 62200	..95-2496321 ..	..06/30/2011 ..	Accordia Life and Annuity Company	IA.....	CO/I	OL.....	2,177,406	1,727,614	0	64,042	0	0
0899999. General Account - U.S. Non-Affiliates							218,020,116	164,540,442	2,691,497	3,282,132	0	0
1099999. Total General Account - Non-Affiliates							218,020,116	164,540,442	2,691,497	3,282,132	0	0
1199999. Total General Account							218,020,116	164,540,442	2,691,497	3,282,132	0	0
1499999. Total Separate Accounts - U.S. Affiliates							0	0	0	0	0	0
1799999. Total Separate Accounts - Non-U.S. Affiliates							0	0	0	0	0	0
1899999. Total Separate Accounts - Affiliates							0	0	0	0	0	0
2199999. Total Separate Accounts - Non-Affiliates							0	0	0	0	0	0
2299999. Total Separate Accounts							0	0	0	0	0	0
2399999. Total U.S. (Sum of 0399999, 0899999, 1499999 and 1999999)							218,020,116	164,540,442	2,691,497	3,282,132	0	0
2499999. Total Non-U.S. (Sum of 0699999, 0999999, 1799999 and 2099999)							0	0	0	0	0	0
9999999 - Totals							218,020,116	164,540,442	2,691,497	3,282,132	0	0

SCHEDULE S - PART 1 - SECTION 2

[illegible]

SCHEDULE S - PART 2

[illegible]

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE S - PART 3 - SECTION 1

Reinsurance Ceded Life Insurance, Annuities, Deposit Funds and Other Liabilities Without Life or Disability Contingencies, and Related Benefits Listed by Reinsuring Company as of December 31, Current Year

1	2	3	4	5	6	7	8	Reserve Credit Taken		11	Outstanding Surplus Relief		14	15
								9	10		12	13		
NAIC Company Code	ID Number	Effective Date	Name of Company	Domi-ciliary Juris-diction	Type of Reinsurance Ceded	Type of Business Ceded	Amount in Force at End of Year	Current Year	Prior Year	Premiums	Current Year	Prior Year	Modified Coinsurance Reserve	Funds Withheld Under Coinsurance
0399999.	Total General Account - Authorized U.S. Affiliates						0	0	0	0	0	0	0	0
0699999.	Total General Account - Authorized Non-U.S. Affiliates						0	0	0	0	0	0	0	0
0799999.	Total General Account - Authorized Affiliates						0	0	0	0	0	0	0	0
..68276	..48-1024691	01/01/1998	Employers Reassurance Corporation	KS.....	..CO/I.....	..OL.....	29,321,899	93,509	86,304	200,151				
..86258	..13-2572994	07/01/1999	General Re Life Corporation	CT.....	..CO/I.....	..OL.....	0	20,854	23,446	6,054				
..86258	..13-2572994	10/01/2003	General Re Life Corporation	CT.....	..YRT/I.....	..OL.....	149,673	407	362	7,304				
..88340	..59-2859797	01/01/1998	Hannover Life Reassurance Company of America	FL.....	..CO/I.....	..OL.....	46,070,269	438,433	604,471	179,989				
..88340	..59-2859797	01/01/2000	Hannover Life Reassurance Company of America	FL.....	..CO/I.....	..XXXL.....	650,000	16,362	16,817	0				
..88340	..59-2859797	12/31/2002	Hannover Life Reassurance Company of America	FL.....	..CO/I.....	..OL.....	498,862,993	52,833,233	55,139,937	3,253,046				
..88340	..59-2859797	10/01/2003	Hannover Life Reassurance Company of America	FL.....	..YRT/I.....	..OL.....	22,663,114	22,678	19,841	198,667				
..88099	..75-1608507	11/09/2004	Optimum Re Insurance Company	TX.....	..YRT/I.....	..OL.....	881,031	1,130	1,026	38,109				
..93572	..43-1235868	01/01/1998	RGA Reinsurance Company	MO.....	..CO/I.....	..OL.....	37,737,452	1,711,984	540,614	138,858				
..93572	..43-1235868	01/01/2003	RGA Reinsurance Company	MO.....	..CO/I.....	..XXXL.....	32,268,939	1,658,406	1,883,860	10,241				
..93572	..43-1235868	10/01/2003	RGA Reinsurance Company	MO.....	..YRT/I.....	..OL.....	1,728,426	4,784	3,651	31,144				
..68713	..84-0499703	01/01/1998	Security Life of Denver Insurance Company	CO.....	..YRT/I.....	..OL.....	36,493,322	51,218	48,734	699,455				
..68713	..84-0499703	01/01/1999	Security Life of Denver Insurance Company	CO.....	..CO/I.....	..OL.....	51,477,897	1,139,776	1,295,239	252,403				
..68713	..84-0499703	04/01/1999	Security Life of Denver Insurance Company	CO.....	..CO/I.....	..OL.....	455,000	5,809	6,605	14,598				
..68713	..84-0499703	01/01/2000	Security Life of Denver Insurance Company	CO.....	..CO/I.....	..XXXL.....	595,599,253	35,189,915	36,789,844	2,276,247				
..68713	..84-0499703	01/01/2003	Security Life of Denver Insurance Company	CO.....	..CO/I.....	..XXXL.....	35,548,596	1,688,895	1,912,194	61,368				
..82627	..06-0839705	01/01/1998	Swiss Re Life & Health America Inc	MO.....	..CO/I.....	..OL.....	31,837,452	322,740	500,591	130,348				
..82627	..06-0839705	01/01/1998	Swiss Re Life & Health America Inc	MO.....	..YRT/I.....	..OL.....	15,225,645	17,842	14,917	134,344				
..82627	..06-0839705	04/01/2023	Swiss Re Life & Health America Inc	MO.....	..CO/I.....	..OL.....	297,975,978	17,407,079	18,208,243	1,143,697				
..82627	..06-0839705	04/01/2023	Swiss Re Life & Health America Inc	MO.....	..CO/I.....	..OL.....	2,406,372	14,321	15,607	36,556				
..82627	..06-0839705	04/01/2023	Swiss Re Life & Health America Inc	MO.....	..CO/I.....	..OL.....	1,200,733	14,005	13,650	23,006				
..87572	..23-2038295	01/01/2003	Scottish Re US Inc	DE.....	..CO/I.....	..XXXL.....	0	0	0	(1,095,600)				
..86231	..39-0989781	01/01/2003	Transamerica Life Insurance Company	IA.....	..CO/I.....	..XXXL.....	129,075,740	6,633,624	7,535,442	41,034				
..64688	..75-6020048	10/01/2003	SCOR Global Life Americas Reinsurance Company	DE.....	..YRT/I.....	..OL.....	1,371,138	4,937	7,879	28,324				
..84824	..04-6145677	05/07/2020	Commonwealth Annuity and Life Insurance Company	MA.....	..CO/I.....	..IA.....	0	2,063,304,941	1,595,620,679	497,071,373				
..84824	..04-6145677	10/01/2020	Commonwealth Annuity and Life Insurance Company	MA.....	..CO/I.....	..IA.....	0	2,713,762,355	3,581,133,772	4,361,281				
..66346	..58-0828824	01/01/2006	Munich American Reassurance Company	GA.....	..CO/I.....	..OL.....	0	0	0	24,910				
..88340	..59-2859797	08/31/2012	Hannover Life Reassurance Company of America	FL.....	..CO/I.....	..OL.....	61,212,548	73,510,437	76,450,554	1,534,115				
..88099	..75-1608507	01/01/1982	Optimum Re Insurance Company	TX.....	..YRT/I.....	..OL.....	50,000	1,514	1,404	1,660				
..82627	..06-0839705	01/01/1961	Swiss Re Life & Health America Inc	MO.....	..OTH/I.....	..OL.....	0	0	0	7				
..82627	..06-0839705	01/01/1961	Swiss Re Life & Health America Inc	MO.....	..YRT/I.....	..OL.....	75,000	1,691	1,567	1,288				
..82627	..06-0839705	01/01/1979	Swiss Re Life & Health America Inc	MO.....	..CO/I.....	..OL.....	6,047,020	222,091	244,759	28,848				
..82627	..06-0839705	01/01/1979	Swiss Re Life & Health America Inc	MO.....	..OTH/I.....	..OL.....	0	24,714	26,072	0				
..64688	..75-6020048	01/01/1982	SCOR Global Life Americas Reinsurance Company	DE.....	..MCO/I.....	..OL.....	948,000	11	11	6,553			446,615	
..67989	..46-0260270	09/01/1996	American Memorial Life Insurance Company	SD.....	..CO/I.....	..FA.....	0	1,895,835	2,126,093					
..67989	..46-0260270	09/01/1996	American Memorial Life Insurance Company	SD.....	..CO/G.....	..FA.....	0	1,434,965	1,508,435					
..67989	..46-0260270	09/01/1996	American Memorial Life Insurance Company	SD.....	..CO/I.....	..OL.....	8,928,078	6,788,822	7,408,023					
..67989	..46-0260270	09/01/1996	American Memorial Life Insurance Company	SD.....	..CO/G.....	..OL.....	9,115,431	6,971,533	7,453,684					
0899999.	General Account - Authorized U.S. Non-Affiliates						1,955,376,999	4,987,210,850	5,396,644,327	510,839,378	0	0	446,615	0
1099999.	Total General Account - Authorized Non-Affiliates						1,955,376,999	4,987,210,850	5,396,644,327	510,839,378	0	0	446,615	0
1199999.	Total General Account Authorized						1,955,376,999	4,987,210,850	5,396,644,327	510,839,378	0	0	446,615	0
1499999.	Total General Account - Unauthorized U.S. Affiliates						0	0	0	0	0	0	0	0
1799999.	Total General Account - Unauthorized Non-U.S. Affiliates						0	0	0	0	0	0	0	0
1899999.	Total General Account - Unauthorized Affiliates						0	0	0	0	0	0	0	0
2199999.	Total General Account - Unauthorized Non-Affiliates						0	0	0	0	0	0	0	0
2299999.	Total General Account Unauthorized						0	0	0	0	0	0	0	0
2599999.	Total General Account - Certified U.S. Affiliates						0	0	0	0	0	0	0	0
2899999.	Total General Account - Certified Non-U.S. Affiliates						0	0	0	0	0	0	0	0
2999999.	Total General Account - Certified Affiliates						0	0	0	0	0	0	0	0
3299999.	Total General Account - Certified Non-Affiliates						0	0	0	0	0	0	0	0
3399999.	Total General Account Certified						0	0	0	0	0	0	0	0
3699999.	Total General Account - Reciprocal Jurisdiction U.S. Affiliates						0	0	0	0	0	0	0	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE S - PART 3 - SECTION 1

Reinsurance Ceded Life Insurance, Annuities, Deposit Funds and Other Liabilities Without Life or Disability Contingencies, and Related Benefits Listed by Reinsuring Company as of December 31, Current Year

1 NAIC Company Code	2 ID Number	3 Effective Date	4 Name of Company	5 Domi- ciliary Juris- diction	6 Type of Reinsurance Ceded	7 Type of Business Ceded	8 Amount in Force at End of Year	Reserve Credit Taken		11 Premiums	Outstanding Surplus Relief		14 Modified Coinsurance Reserve	15 Funds Withheld Under Coinsurance
								9	10		12	13		
								Current Year	Prior Year		Current Year	Prior Year		
....00000	..AA-3191494 ..	02/01/2022 .	Martello Re Limited	BMU.....	COFW/I	FA.....	.....	.....1,999,541,034	2,675,148,305	28,811,219 .....	.....	.....	.....	.....1,973,207,111
....00000	..AA-3191494 ..	02/01/2022 .	Martello Re Limited	BMU.....	COFW/I	IA.....	.....	.....5,259,332,076	7,098,935,619	3,294,215 .....	.....	.....	.....	.....5,190,066,757
....00000	..AA-3191494 ..	02/01/2022 .	Martello Re Limited	BMU.....	COFW/I	OA.....	.....	.....128,896,650	124,123,265	0 .....	.....	.....	.....	.....127,199,084
3899999. General Account - Reciprocal Jurisdiction Non-U.S. Affiliates - Other							0	7,387,769,760	9,898,207,189	32,105,434	0	0	0	7,290,472,952
3999999. Total General Account - Reciprocal Jurisdiction Non-U.S. Affiliates							0	7,387,769,760	9,898,207,189	32,105,434	0	0	0	7,290,472,952
4099999. Total General Account - Reciprocal Jurisdiction Affiliates							0	7,387,769,760	9,898,207,189	32,105,434	0	0	0	7,290,472,952
4399999. Total General Account - Reciprocal Jurisdiction Non-Affiliates							0	0	0	0	0	0	0	0
4499999. Total General Account Reciprocal Jurisdiction							0	7,387,769,760	9,898,207,189	32,105,434	0	0	0	7,290,472,952
4599999. Total General Account Authorized, Unauthorized, Reciprocal Jurisdiction and Certified							1,955,376,999	12,374,980,610	15,294,851,516	542,944,812	0	0	446,615	7,290,472,952
4899999. Total Separate Accounts - Authorized U.S. Affiliates							0	0	0	0	0	0	0	0
5199999. Total Separate Accounts - Authorized Non-U.S. Affiliates							0	0	0	0	0	0	0	0
5299999. Total Separate Accounts - Authorized Affiliates							0	0	0	0	0	0	0	0
5599999. Total Separate Accounts - Authorized Non-Affiliates							0	0	0	0	0	0	0	0
5699999. Total Separate Accounts Authorized							0	0	0	0	0	0	0	0
5999999. Total Separate Accounts - Unauthorized U.S. Affiliates							0	0	0	0	0	0	0	0
6299999. Total Separate Accounts - Unauthorized Non-U.S. Affiliates							0	0	0	0	0	0	0	0
6399999. Total Separate Accounts - Unauthorized Affiliates							0	0	0	0	0	0	0	0
6699999. Total Separate Accounts - Unauthorized Non-Affiliates							0	0	0	0	0	0	0	0
6799999. Total Separate Accounts Unauthorized							0	0	0	0	0	0	0	0
7099999. Total Separate Accounts - Certified U.S. Affiliates							0	0	0	0	0	0	0	0
7399999. Total Separate Accounts - Certified Non-U.S. Affiliates							0	0	0	0	0	0	0	0
7499999. Total Separate Accounts - Certified Affiliates							0	0	0	0	0	0	0	0
7799999. Total Separate Accounts - Certified Non-Affiliates							0	0	0	0	0	0	0	0
7899999. Total Separate Accounts Certified							0	0	0	0	0	0	0	0
8199999. Total Separate Accounts - Reciprocal Jurisdiction U.S. Affiliates							0	0	0	0	0	0	0	0
8499999. Total Separate Accounts - Reciprocal Jurisdiction Non-U.S. Affiliates							0	0	0	0	0	0	0	0
8599999. Total Separate Accounts - Reciprocal Jurisdiction Affiliates							0	0	0	0	0	0	0	0
8899999. Total Separate Accounts - Reciprocal Jurisdiction Non-Affiliates							0	0	0	0	0	0	0	0
8999999. Total Separate Accounts Reciprocal Jurisdiction							0	0	0	0	0	0	0	0
9099999. Total Separate Accounts Authorized, Unauthorized, Reciprocal Jurisdiction and Certified							0	0	0	0	0	0	0	0
9199999. Total U.S. (Sum of 0399999, 0899999, 1499999, 1999999, 2599999, 3099999, 3699999, 4199999, 4899999, 5399999, 5999999, 6499999, 7099999, 7599999, 8199999 and 8699999)							1,955,376,999	4,987,210,850	5,396,644,327	510,839,378	0	0	446,615	0
9299999. Total Non-U.S. (Sum of 0699999, 0999999, 1799999, 2099999, 2899999, 3199999, 3999999, 4299999, 5199999, 5499999, 6299999, 6599999, 7399999, 7699999, 8499999 and 8799999)							0	7,387,769,760	9,898,207,189	32,105,434	0	0	0	7,290,472,952
9999999 - Totals							1,955,376,999	12,374,980,610	15,294,851,516	542,944,812	0	0	446,615	7,290,472,952

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE S - PART 3 - SECTION 2

Reinsurance Ceded Accident and Health Insurance Listed by Reinsuring Company as of December 31, Current Year

1 NAIC Company Code	2 ID Number	3 Effective Date	4 Name of Company	5 Domi- ciliary Juris- diction	6 Type of Reinsurance Ceded	7 Type of Business Ceded	8 Premiums	9 Unearned Premiums (Estimated)	10 Reserve Credit Taken Other than for Unearned Premiums	Outstanding Surplus Relief		13 Modified Coinsurance Reserve	14 Funds Withheld Under Coinsurance
										11 Current Year	12 Prior Year		
0399999.	Total General Account - Authorized U.S. Affiliates						0	0	0	0	0	0	0
0699999.	Total General Account - Authorized Non-U.S. Affiliates						0	0	0	0	0	0	0
0799999.	Total General Account - Authorized Affiliates						0	0	0	0	0	0	0
....71404	..47-0463747	01/01/2009	Continental General Insurance Company	TX.....	QA/I.....	LTC.....	2,771,458	770,120	51,066,839				
....71404	..47-0463747	01/01/2009	Continental General Insurance Company	TX.....	QA/G.....	LTC.....	94,261	10,669	5,261,679				
....65722	..63-0343428	08/31/2012	Loyal American Life Insurance Company	OH.....	OTH/I.....	A.....	702	214	1,895				
....65722	..63-0343428	08/31/2012	Loyal American Life Insurance Company	OH.....	OTH/I.....	LTDI.....	1,612	567	41,834				
....65722	..63-0343428	08/31/2012	Loyal American Life Insurance Company	OH.....	OTH/I.....	MS.....	1,586,548	78,885	1,055,933				
....65722	..63-0343428	08/31/2012	Loyal American Life Insurance Company	OH.....	OTH/I.....	OM.....	1,269	419	13,781				
0899999.	General Account - Authorized U.S. Non-Affiliates						4,455,850	860,874	57,441,961	0	0	0	0
1099999.	Total General Account - Authorized Non-Affiliates						4,455,850	860,874	57,441,961	0	0	0	0
1199999.	Total General Account Authorized						4,455,850	860,874	57,441,961	0	0	0	0
1499999.	Total General Account - Unauthorized U.S. Affiliates						0	0	0	0	0	0	0
1799999.	Total General Account - Unauthorized Non-U.S. Affiliates						0	0	0	0	0	0	0
1899999.	Total General Account - Unauthorized Affiliates						0	0	0	0	0	0	0
2199999.	Total General Account - Unauthorized Non-Affiliates						0	0	0	0	0	0	0
2299999.	Total General Account Unauthorized						0	0	0	0	0	0	0
2599999.	Total General Account - Certified U.S. Affiliates						0	0	0	0	0	0	0
2899999.	Total General Account - Certified Non-U.S. Affiliates						0	0	0	0	0	0	0
2999999.	Total General Account - Certified Affiliates						0	0	0	0	0	0	0
3299999.	Total General Account - Certified Non-Affiliates						0	0	0	0	0	0	0
3399999.	Total General Account Certified						0	0	0	0	0	0	0
3699999.	Total General Account - Reciprocal Jurisdiction U.S. Affiliates						0	0	0	0	0	0	0
3999999.	Total General Account - Reciprocal Jurisdiction Non-U.S. Affiliates						0	0	0	0	0	0	0
4099999.	Total General Account - Reciprocal Jurisdiction Affiliates						0	0	0	0	0	0	0
4399999.	Total General Account - Reciprocal Jurisdiction Non-Affiliates						0	0	0	0	0	0	0
4499999.	Total General Account Reciprocal Jurisdiction						0	0	0	0	0	0	0
4599999.	Total General Account Authorized, Unauthorized, Reciprocal Jurisdiction and Certified						4,455,850	860,874	57,441,961	0	0	0	0
4899999.	Total Separate Accounts - Authorized U.S. Affiliates						0	0	0	0	0	0	0
5199999.	Total Separate Accounts - Authorized Non-U.S. Affiliates						0	0	0	0	0	0	0
5299999.	Total Separate Accounts - Authorized Affiliates						0	0	0	0	0	0	0
5599999.	Total Separate Accounts - Authorized Non-Affiliates						0	0	0	0	0	0	0
5699999.	Total Separate Accounts Authorized						0	0	0	0	0	0	0
5999999.	Total Separate Accounts - Unauthorized U.S. Affiliates						0	0	0	0	0	0	0
6299999.	Total Separate Accounts - Unauthorized Non-U.S. Affiliates						0	0	0	0	0	0	0
6399999.	Total Separate Accounts - Unauthorized Affiliates						0	0	0	0	0	0	0
6699999.	Total Separate Accounts - Unauthorized Non-Affiliates						0	0	0	0	0	0	0
6799999.	Total Separate Accounts Unauthorized						0	0	0	0	0	0	0
7099999.	Total Separate Accounts - Certified U.S. Affiliates						0	0	0	0	0	0	0
7399999.	Total Separate Accounts - Certified Non-U.S. Affiliates						0	0	0	0	0	0	0
7499999.	Total Separate Accounts - Certified Affiliates						0	0	0	0	0	0	0
7799999.	Total Separate Accounts - Certified Non-Affiliates						0	0	0	0	0	0	0
7899999.	Total Separate Accounts Certified						0	0	0	0	0	0	0
8199999.	Total Separate Accounts - Reciprocal Jurisdiction U.S. Affiliates						0	0	0	0	0	0	0
8499999.	Total Separate Accounts - Reciprocal Jurisdiction Non-U.S. Affiliates						0	0	0	0	0	0	0
8599999.	Total Separate Accounts - Reciprocal Jurisdiction Affiliates						0	0	0	0	0	0	0
8899999.	Total Separate Accounts - Reciprocal Jurisdiction Non-Affiliates						0	0	0	0	0	0	0
8999999.	Total Separate Accounts Reciprocal Jurisdiction						0	0	0	0	0	0	0
9099999.	Total Separate Accounts Authorized, Unauthorized, Reciprocal Jurisdiction and Certified						0	0	0	0	0	0	0
9199999.	Total U.S. (Sum of 0399999, 0899999, 1499999, 1999999, 2599999, 3099999, 3699999, 4199999, 4899999, 5399999, 5999999, 6499999, 7099999, 7599999, 8199999 and 8699999)						4,455,850	860,874	57,441,961	0	0	0	0
9299999.	Total Non-U.S. (Sum of 0699999, 0999999, 1799999, 2099999, 2899999, 3199999, 3999999, 4299999, 5199999, 5499999, 6299999, 6599999, 7399999, 7699999, 8499999 and 8799999)						0	0	0	0	0	0	0
9999999	- Totals						4,455,850	860,874	57,441,961	0	0	0	

Schedule S - Part 4

N O N E

Schedule S - Part 4 - Bank Footnote

N O N E

Schedule S - Part 5

N O N E

Schedule S - Part 5 - Bank Footnote

N O N E

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE S - PART 6
Five Year Exhibit of Reinsurance Ceded Business
(\$000 Omitted)

	1 2024	2 2023	3 2022	4 2021	5 2020
A. OPERATIONS ITEMS					
1. Premiums and annuity considerations for life and accident and health contracts	547,401	275,619	14,584,804	774,396	6,717,488
2. Commissions and reinsurance expense allowances	(49,129)	70,234	496,787	(50,838)	(26,623)
3. Contract claims	463,750	538,376	645,173	165,253	96,053
4. Surrender benefits and withdrawals for life contracts	3,666,721	3,722,630	2,268,715	648,827	219,717
5. Dividends to policyholders and refunds to members	149	161	176	183	190
6. Reserve adjustments on reinsurance ceded	0	0	0	0	0
7. Increase in aggregate reserve for life and accident and health contracts	2,914,638	3,366,927	11,926,055	186,928	5,973,186
B. BALANCE SHEET ITEMS					
8. Premiums and annuity considerations for life and accident and health contracts deferred and uncollected	32	11	25	16	32
9. Aggregate reserves for life and accident and health contracts	12,433,283	15,225,216	18,719,613	6,687,740	6,500,988
10. Liability for deposit-type contracts	129,760	124,863	118,878	256	79
11. Contract claims unpaid	100,864	137,635	164,652	52,308	38,332
12. Amounts recoverable on reinsurance	671	2,547	1,961	2,745	4,067
13. Experience rating refunds due or unpaid					
14. Policyholders' dividends and refunds to members (not included in Line 10)					
15. Commissions and reinsurance expense allowances due					
16. Unauthorized reinsurance offset	0	0	0	0	0
17. Offset for reinsurance with Certified Reinsurers					0
C. UNAUTHORIZED REINSURANCE (DEPOSITS BY AND FUNDS WITHHELD FROM)					
18. Funds deposited by and withheld from (F)	0	0	11,246,343	0	0
19. Letters of credit (L)	0	0	0	0	0
20. Trust agreements (T)	0	0	0	0	0
21. Other (O)	0	0	1,430,954	0	0
D. REINSURANCE WITH CERTIFIED REINSURERS (DEPOSITS BY AND FUNDS WITHHELD FROM)					
22. Multiple Beneficiary Trust					0
23. Funds deposited by and withheld from (F)					0
24. Letters of credit (L)					0
25. Trust agreements (T)					0
26. Other (O)					0

SCHEDULE S - PART 7

Restatement of Balance Sheet to Identify Net Credit for Ceded Reinsurance

	1 As Reported (net of ceded)	2 Restatement Adjustments	3 Restated (gross of ceded)
ASSETS (Page 2, Col. 3)			
1. Cash and invested assets (Line 12)	50,820,589,759	39,651,523	50,860,241,282
2. Reinsurance (Line 16)	154,857,816	(154,857,816)	0
3. Premiums and considerations (Line 15)	4,492,537	31,843	4,524,380
4. Net credit for ceded reinsurance	XXX	5,358,358,782	5,358,358,782
5. All other admitted assets (balance)	1,416,143,455		1,416,143,455
6. Total assets excluding Separate Accounts (Line 26)	52,396,083,567	5,243,184,332	57,639,267,899
7. Separate Account assets (Line 27)	984,163,451		984,163,451
8. Total assets (Line 28)	53,380,247,018	5,243,184,332	58,623,431,350
LIABILITIES, CAPITAL AND SURPLUS (Page 3)			
9. Contract reserves (Lines 1 and 2)	36,543,314,101	12,303,523,123	48,846,837,224
10. Liability for deposit-type contracts (Line 3)	786,618,885	129,760,322	916,379,207
11. Claim reserves (Line 4)	160,973,968	100,864,386	261,838,354
12. Policyholder dividends/member refunds/reserves (Lines 5 through 7)	0		0
13. Premium & annuity considerations received in advance (Line 8)	158,663	27,168	185,831
14. Other contract liabilities (Line 9)	855,692		855,692
15. Reinsurance in unauthorized companies (Line 24.02 minus inset amount)	0	0	0
16. Funds held under reinsurance treaties with unauthorized reinsurers (Line 24.03 minus inset amount)	0		0
17. Reinsurance with Certified Reinsurers (Line 24.02 inset amount)	0		0
18. Funds held under reinsurance treaties with Certified Reinsurers (Line 24.03 inset amount)			0
19. All other liabilities (balance)	10,677,885,965	(7,290,990,667)	3,386,895,298
20. Total liabilities excluding Separate Accounts (Line 26)	48,169,807,274	5,243,184,332	53,412,991,606
21. Separate Account liabilities (Line 27)	984,163,451		984,163,451
22. Total liabilities (Line 28)	49,153,970,725	5,243,184,332	54,397,155,057
23. Capital & surplus (Line 38)	4,226,276,293	XXX	4,226,276,293
24. Total liabilities, capital & surplus (Line 39)	53,380,247,018	5,243,184,332	58,623,431,350
NET CREDIT FOR CEDED REINSURANCE			
25. Contract reserves	12,303,523,123		
26. Claim reserves	100,864,386		
27. Policyholder dividends/reserves	0		
28. Premium & annuity considerations received in advance	27,168		
29. Liability for deposit-type contracts	129,760,322		
30. Other contract liabilities	0		
31. Reinsurance ceded assets	154,857,816		
32. Other ceded reinsurance recoverables	(39,651,523)		
33. Total ceded reinsurance recoverables	12,649,381,292		
34. Premiums and considerations	31,843		
35. Reinsurance in unauthorized companies	0		
36. Funds held under reinsurance treaties with unauthorized reinsurers	0		
37. Reinsurance with Certified Reinsurers	0		
38. Funds held under reinsurance treaties with Certified Reinsurers	0		
39. Other ceded reinsurance payables/offsets	7,290,990,667		
40. Total ceded reinsurance payable/offsets	7,291,022,510		
41. Total net credit for ceded reinsurance	5,358,358,782		

SCHEDULE T - PART 2
INTERSTATE COMPACT - EXHIBIT OF PREMIUMS WRITTEN

Allocated by States and Territories

			Direct Business Only					
			1	2	3	4	5	6
States, Etc.			Life (Group and Individual)	Annuities (Group and Individual)	Disability Income (Group and Individual)	Long-Term Care (Group and Individual)	Deposit-Type Contracts	Totals
1.	Alabama	AL	206,879	141,041,071		12,787	0	141,260,737
2.	Alaska	AK	5,793	6,180,534			0	6,186,327
3.	Arizona	AZ	422,895	174,165,034		13,311	313,245	174,914,485
4.	Arkansas	AR	141,338	68,434,353		1,348	372,084	68,949,123
5.	California	CA	4,097,021	1,059,641,349	345	10,554	1,287,352	1,065,036,621
6.	Colorado	CO	193,113	116,989,811		72,487	0	117,255,411
7.	Connecticut	CT	285,737	171,470,570	61	2,519	624,578	172,383,465
8.	Delaware	DE	39,289	26,548,030			0	26,587,319
9.	District of Columbia	DC	21,738	6,465,345			0	6,487,083
10.	Florida	FL	1,436,292	859,065,779	82	32,133	1,594,937	862,129,223
11.	Georgia	GA	624,005	272,988,506		67,259	278,987	273,958,757
12.	Hawaii	HI	205,615	79,807,527			76,086	80,089,228
13.	Idaho	ID	71,020	46,732,507		8,483	0	46,812,010
14.	Illinois	IL	509,790	313,112,833		84,889	587,628	314,295,140
15.	Indiana	IN	139,928	205,032,100		1,693	187,869	205,361,590
16.	Iowa	IA	119,760	64,725,233		8,113	182,069	65,035,175
17.	Kansas	KS	90,812	47,261,907		63,357	0	47,416,076
18.	Kentucky	KY	141,832	73,292,240			0	73,434,072
19.	Louisiana	LA	198,596	152,073,708		4,531	0	152,276,835
20.	Maine	ME	65,624	35,859,195		3,238	0	35,928,057
21.	Maryland	MD	427,741	229,399,064		(3,895)	60,690	229,883,600
22.	Massachusetts	MA	389,465	180,861,267			1,660,278	182,911,010
23.	Michigan	MI	219,361	330,065,622			692,458	330,977,441
24.	Minnesota	MN	386,141	141,310,165		5,252	45,578	141,747,136
25.	Mississippi	MS	103,550	42,606,557		2,932	0	42,713,039
26.	Missouri	MO	262,727	463,526,282		108,402	773,519	464,670,930
27.	Montana	MT	6,444	6,669,996			0	6,676,440
28.	Nebraska	NE	111,206	34,840,145		60,030	0	35,011,381
29.	Nevada	NV	245,746	69,667,801	357		0	69,913,904
30.	New Hampshire	NH	52,308	43,746,620		44,352	1,358,044	45,201,324
31.	New Jersey	NJ	467,458	389,492,288	144	3,303	2,519,990	392,483,183
32.	New Mexico	NM	298,725	25,894,100			11,035	26,203,860
33.	New York	NY	99,148	36,383,321		12,163	0	36,494,632
34.	North Carolina	NC	910,744	373,437,619		1,094,351	551,725	375,994,439
35.	North Dakota	ND	45,364	19,874,647			0	19,920,011
36.	Ohio	OH	323,916	385,262,456		767	887,090	386,474,229
37.	Oklahoma	OK	472,651	43,543,127		3,073	51,969	44,070,820
38.	Oregon	OR	86,507	80,785,522		64,247	216,207	81,152,483
39.	Pennsylvania	PA	1,019,607	517,721,401		6,300	2,306,380	521,053,688
40.	Rhode Island	RI	43,519	66,896,721		4,040	0	66,944,280
41.	South Carolina	SC	320,341	251,976,618		16,747	784,286	253,097,992
42.	South Dakota	SD	53,178	18,027,655			0	18,080,833
43.	Tennessee	TN	342,657	237,996,344		105,940	71,724	238,516,665
44.	Texas	TX	1,959,827	429,454,791		7,417	110,345	431,532,380
45.	Utah	UT	87,142	61,593,419			0	61,680,561
46.	Vermont	VT	33,136	15,051,431		20,367	0	15,104,934
47.	Virginia	VA	688,688	240,633,977		178,847	0	241,501,512
48.	Washington	WA	299,532	185,717,029	(7)	167,847	400,334	186,584,735
49.	West Virginia	WV	106,948	39,795,096			93,248	39,995,292
50.	Wisconsin	WI	209,893	179,533,135		197,513	287,822	180,228,363
51.	Wyoming	WY	20,728	7,212,142			0	7,232,870
52.	American Samoa	AS	0	0			0	0
53.	Guam	GU	72,056	0			0	72,056
54.	Puerto Rico	PR	478	36,000			0	36,478
55.	U.S. Virgin Islands	VI	1,269	0			0	1,269
56.	Northern Mariana Islands	MP	0	0			0	0
57.	Canada	CAN	0	0			0	0
58.	Aggregate Other Alien	OT	82,356	363,478			0	445,834
59.	Total		19,267,634	9,070,263,468	982	2,486,697	18,387,557	9,110,406,338

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0435 ...	Massachusetts Mut Life Ins Co	... 65935 ...	04-1590850 ..	3848388 .....	.....	.....	Massachusetts Mutual Life Insurance Company (MMLIC)	.. MA.....	... UIP.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0435 ...	Massachusetts Mut Life Ins Co	... 93432 ...	06-1041383 ..	.....	.....	.....	C.M. Life Insurance Company	.. CT.....	... IA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0435 ...	Massachusetts Mut Life Ins Co	... 70416 ...	43-0581430 ..	.....	.....	.....	MML Bay State Life Insurance Company	.. CT.....	... IA.....	C.M. Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							CML Special Situations Investor LLC	.. DE.....	... NIA.....	C.M. Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							CM Life Mortgage Lending LLC	.. DE.....	... NIA.....	C.M. Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							CML Mezzanine Investor III, LLC	.. DE.....	... NIA.....	C.M. Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...										Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							CML Global Capabilities LLC	.. DE.....	... NIA.....	Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM Global Capabilities I LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MassMutual Global Business Services India LLP	.. IND.....	... NIA.....	MM Global Capabilities I LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM Global Capabilities (Netherlands) B.V. ...	.. NLD.....	... NIA.....	MM Global Capabilities I LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MassMutual Global Business Services Romania S.R.L.	.. ROU.....	... NIA.....	MM Global Capabilities (Netherlands) B.V.	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...										Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM Global Capabilities II LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM Global Capabilities III LLC	.. DE.....	... NIA.....	Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM/Barings Multifamily TEBS 2020 LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Berkshire Way LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...										Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MML Special Situations Investor LLC	.. DE.....	... NIA.....	Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			47-5322979 ..	.....	.....	.....	Timberland Forest Holding LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			47-5322979 ..	.....	.....	.....	Timberland Forest Holding LLC	.. DE.....	... NIA.....	C.M. Life Insurance Company	Influence.....	... 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			47-5322979 ..	.....	.....	.....	Timberland Forest Holding LLC	.. DE.....	... NIA.....	Wood Creek Capital Management LLC	Management.....	... 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Lyme Adirondack Forest Company, LLC	.. DE.....	... NIA.....	Timberland Forest Holding LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							Lyme Adirondack Timberlands I, LLC	.. DE.....	... NIA.....	Lyme Adirondack Forest Company, LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							Lyme Adirondack Timberlands II, LLC	.. DE.....	... NIA.....	Lyme Adirondack Forest Company, LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							Lyme Adirondack Timber Sales, LLC	.. DE.....	... NIA.....	Lyme Adirondack Forest Company, LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MSP-SC, LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Insurance Road LLC	.. DE.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MassMutual Trad Private Equity LLC	.. DE.....	... NIA.....	Insurance Road LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MassMutual Intellectual Property LLC	.. DE.....	... NIA.....	Insurance Road LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							Trad Investments I LLC	.. DE.....	... NIA.....	Insurance Road LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...										Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							ITPSHolding LLC	.. DE.....	... NIA.....	Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							HITPS LLC	.. DE.....	... NIA.....	ITPS Holding LLC	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...										Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							EM Opportunities LLC	.. DE.....	... NIA.....	Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MassMutual MCAM Insurance Company, Inc.	.. VT.....	... NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...										Massachusetts Mutual Life Insurance Company	Ownership.....	... 100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MassMutual Ventures US IV GP, LLC	.. DE.....	... NIA.....	Company	Ownership.....	... 99.000 ...	MMLIC .....	.....	.....
. 0000 ...							MassMutual Ventures US IV GP, LLC	.. DE.....	... NIA.....	Massachusetts Mutual Ascend	Ownership.....	... 1.000 ...	MMLIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							MassMutual Ventures US IV, L.P.	..DE....	..NIA....	MassMutual Ventures US IV GP, LLC	Management.....	100.000	MMLIC		
.0000							MassMutual Ventures US IV LLC	..DE....	..NIA....	MassMutual Ventures US IV, L.P.	Ownership.....	100.000	MMLIC		
.0000							MassMutual Ventures Europe/APAC I GP, LLC ..	..DE....	..NIA....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000	MMLIC		
.0000							MassMutual Ventures Europe/APAC I GP, L.P. .	..CYM....	..NIA....	MassMutual Ventures Europe/APAC I GP, LLC	Management.....	100.000	MMLIC		
.0000							MassMutual Ventures Europe/APAC I L.P.	..CYM....	..NIA....	MassMutual Ventures Europe/APAC I GP, L.P.	Management.....	100.000	MMLIC		
.0000							MassMutual Ventures Southeast Asia III LLC .	..DE....	..NIA....	MassMutual Ventures Europe/APAC I L.P.	Ownership.....	100.000	MMLIC		
.0000							MMV Digital I LLC	..CYM....	..NIA....	MassMutual Ventures Southeast Asia III LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Sustainable Advisors LLC	..DE....	..NIA....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000	MMLIC		
.0000							CSA Intermediate Holdco LLC	..DE....	..NIA....	Counterpointe Sustainable Advisors LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Trust Services LLC	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							CP PACE LLC	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Titling Trust	..DE....	..NIA....	CP PACE LLC	Ownership.....	100.000	MMLIC		
.0000							CSA Employee Services Company LLC	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Sustainable Real Estate II LLC ..	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Energy Solutions II LLC	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Energy Solutions (CA) II LLC .	..DE....	..NIA....	Counterpointe Energy Solutions II LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Energy Solutions (FL) II LLC .	..DE....	..NIA....	Counterpointe Energy Solutions II LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Energy Solutions (IL) LLC	..DE....	..NIA....	Counterpointe Energy Solutions II LLC	Ownership.....	100.000	MMLIC		
.0000							Loop-Counterpointe PACE LLC	..DE....	..NIA....	Counterpointe Energy Solutions (IL) LLC ...	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Energy Services LLC	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							Counterpointe Investment Management LLC	..DE....	..NIA....	CSA Intermediate Holdco LLC	Ownership.....	100.000	MMLIC		
.0000							CSA Incentive Holdco LLC	..DE....	..NIA....	Counterpointe Sustainable Advisors LLC	Ownership.....	100.000	MMLIC		
.0000			27-0105644				Massachusetts Mutual Life Insurance Company	..DE....	..NIA....	Massachusetts Mutual Life Insurance Company	Ownership.....	50.000	MMLIC		1
.0000							Jefferies Finance LLC	..DE....	..NIA....	Jefferies Finance LLC	Ownership.....	100.000	MMLIC		
.0000							JFIN GP Adviser LLC	..DE....	..NIA....	Jefferies Finance LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies MM Lending LLC	..DE....	..NIA....	Jefferies Finance LLC	Ownership.....	100.000	MMLIC		
.0000							Green SPE LLC	..DE....	..NIA....	Jefferies Finance LLC	Ownership.....	100.000	MMLIC		
.0000							Apex Credit Partners LLC	..DE....	..NIA....	Green SPE LLC	Ownership.....	100.000	MMLIC		
.0000							Apex GP I LLC	..DE....	..NIA....	Green SPE LLC	Ownership.....	100.000	MMLIC		
.0000							Apex Securitized Income Fund LP	..DE....	..NIA....	Apex Credit Partners LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies Credit Partners LLC	..DE....	..NIA....	Apex GP I LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies Credit Management LLC	..DE....	..NIA....	Apex GP I LLC	Ownership.....	100.000	MMLIC		
.0000							JCM GP I LLC	..DE....	..NIA....	Jefferies Finance LLC	Ownership.....	100.000	MMLIC		
.0000							JCM H-2 Credit Fund GP LLC	..DE....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	100.000	MMLIC		
.0000							JCP Direct Lending CLO 2022 LLC	..DE....	..NIA....	Jefferies Credit Management LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies Direct Lending Europe SCSp SICAV-RAIF	..LUX....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	9.900	MMLIC		
.0000							Jefferies Credit Management Holdings LLC	..DE....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	9.900	MMLIC		
.0000							JDLF GP (Europe) S.a.r.l	..LUX....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	100.000	MMLIC		
.0000							JFAM GP LLC	..DE....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	100.000	MMLIC		
.0000							JFAM GP LP	..DE....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies Direct Lending Fund C LP	..DE....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies DLF C Holdings LLC	..DE....	..NIA....	JFAM GP LP	Ownership.....	100.000	MMLIC		
.0000							Jefferies Direct Lending Fund C SPE LLC	..DE....	..NIA....	Jefferies Direct Lending Fund C LLC	Ownership.....	100.000	MMLIC		
.0000							JDLF II GP LLC	..DE....	..NIA....	Jefferies DLF C Holdings LLC	Ownership.....	100.000	MMLIC		
.0000							Jefferies Credit Partners LLC	..DE....	..NIA....	Jefferies Credit Partners LLC	Ownership.....	100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							JDLF II GP LP	.DE	NIA	JDLF II GP LLC	Ownership	100.000	MMLIC		
.0000							Jefferies Direct Lending Fund II C LP	.DE	NIA	JDLF II GP LP	Ownership	100.000	MMLIC		
.0000							Jefferies DLF 2 C Holdings LLC	.DE	NIA	Jefferies Direct Lending Fund II C LP	Ownership	100.000	MMLIC		
.0000							Jefferies Direct Lending Fund II C SPE LLC	.DE	NIA	Jefferies DLF 2 C Holdings LLC	Ownership	100.000	MMLIC		
.0000							JDLF III GP LLC	.DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
.0000							JDLF III GP LP	.DE	NIA	JDLF III GP LLC	Ownership	100.000	MMLIC		
.0000							Jefferies Direct Lending Fund III C LP	.DE	NIA	JDLF III GP LP	Ownership	100.000	MMLIC		
.0000							JCP Direct Lending CLO 2023-1 LLC	.DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
.0000							JCP Direct Lending CLO 2023 Ltd.	.JEY	NIA	JCP Direct Lending CLO 2023 Ltd.	Ownership	100.000	MMLIC		
.0000							JCP GP I LLC	.DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
.0000							Jefferies M Super Private Credit Fund GP LLC	.DE	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
.0000							Jefferies Credit Partners Europe Limited	.GBR	NIA	Jefferies Credit Partners LLC	Ownership	100.000	MMLIC		
.0000							Jefferies Private Credit BDC Inc.	.MD	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JCP Funding 2024 LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							Jefferies Senior Lending LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver Holdings LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver Holdings II LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Co-Issuer Corporation	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Europe GP, S.a.r.l.	.LUX	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							Jefferies Finance Europe, S.L.P.	.LUX	NIA	JFIN Europe GP, S.a.r.l.	Ownership	100.000	MMLIC		
.0000							Jefferies Finance Europe, SCSp	.LUX	NIA	JFIN Europe GP, S.a.r.l.	Ownership	100.000	MMLIC		
.0000							Jefferies Finance Business Credit LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Business Credit Fund I LLC	.DE	NIA	Jefferies Finance Business Credit LLC	Ownership	100.000	MMLIC		
.0000							JFIN Funding 2021 LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JSPCS MM LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN LC Fund LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2017 Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2017-III Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2018 Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2019 Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2019-II Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2020 Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2021-II Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2021-V Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2022-II Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2022-III Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2022-IV Ltd.	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2024-I Ltd.	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver CLO 2022-IV LLC	.CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver Fund, L.P.	.DE	NIA	Jefferies Finance LLC	Ownership	90.000	MMLIC		
.0000							JFIN Revolver Funding 2021 Ltd.	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver Funding 2021 III Ltd.	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver Funding 2021 IV Ltd.	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver Funding 2022-I Ltd.	.BMU	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver SPE1 2022 LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver SPE3 2022 LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver SPE4 2022 LLC	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN Revolver SPE4 2022 Ltd.	.DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Per-centage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							JCP Private Loan Management GP LLC	..DE	..NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JCP Private Loan Management LP	..DE	..NIA	JCP Private Loan Management GP LLC	Ownership	100.000	MMLIC		
.0000							JF CEI Holdings 1 LLC	..DE	..NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JF CEI Holdings 2 LLC	..DE	..NIA	JF CEI Holdings 1 LLC	Ownership	100.000	MMLIC		
.0000							Apex Credit Holdings LLC	..DE	..NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2012 Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2013 Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2014 Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2014-II Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2015 Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2015-II Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	85.000	MMLIC		
.0000							JFIN CLO 2016 Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2017 Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							JFIN CLO 2017-II Ltd.	..CYM	..NIA	Apex Credit Holdings LLC	Ownership	100.000	MMLIC		
.0000							Tomorrow Parent, LLC	..DE	..NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							Custom Ecology Holdco, LLC	..DE	..NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							Glidepath Holdings Inc.	..DE	..UDP	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0435	Massachusetts Mut Life Ins Co	63312	86-2294635				MassMutual Ascend Life Insurance Company	..OH	..RE	Glidepath Holdings Inc.	Ownership	100.000	MMLIC		
.0000			13-1935920				AAG Insurance Agency, LLC	..KY	..NIA	MassMutual Ascend Life Insurance Company	Ownership	100.000	MMLIC		
.0435	Massachusetts Mut Life Ins Co	93661	31-1422717				Annuity Investors Life Insurance Company	..OH	..DS	MassMutual Ascend Life Insurance Company	Ownership	100.000	MMLIC		
.0000			31-1021738				MM Ascend Life Investor Services, LLC	..OH	..NIA	MassMutual Ascend Life Insurance Company	Ownership	100.000	MMLIC		
.0000			31-1395344				MM Ascend Mortgage Lending LLC	..DE	..DS	MassMutual Ascend Life Insurance Company	Ownership	100.000	MMLIC		
.0000							MM Vine Street LLC	..DE	..DS	MassMutual Ascend Life Insurance Company	Ownership	100.000	MMLIC		
.0000			26-3260520				Manhattan National Holding, LLC	..OH	..DS	MassMutual Ascend Life Insurance Company	Ownership	100.000	MMLIC		
.0435	Massachusetts Mut Life Ins Co	67083	45-0252531				Manhattan National Life Insurance Company	..OH	..DS	Manhattan National Holding LLC	Ownership	100.000	MMLIC		
.0000							MassMutual Mortgage Lending LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000			04-1590850				MM Copper Hill Road LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000							MMV CTF I GP LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000							MassMutual Ventures Climate Technology Fund I LP	..DE	..NIA	MMV CTF I GP LLC	Management	100.000	MMLIC		
.0000							MM Direct Private Investments Holding LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000							MM Direct Private Investments UK Limited	..GBR	..NIA	MM Direct Private Investments Holding LLC	Ownership	100.000	MMLIC		
.0000							DPI-ACRES Capital LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000							DPI-ARES Mortgage Lending LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000							MM Investment Holding	..CYM	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
.0000							MMIH Bond Holdings LLC	..DE	..NIA	MM Investment Holding	Ownership	99.610	MMLIC		
.0000			26-0073611				MassMutual Asset Finance LLC	..DE	..NIA	C.M. Life Insurance Company	Ownership	0.400	MMLIC		
.0000			26-0073611				MassMutual Asset Finance LLC	..DE	..NIA	MM Investment Holding	Ownership	99.600	MMLIC		
.0000			32-0546197				MMAF Equipment Finance LLC 2017-B	..DE	..NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000			83-3722640				MMAF Equipment Finance LLC 2019-A	..DE	..NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2019-B	..DE	..NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2020-A	..DE	..NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							MMAF Equipment Finance LLC 2020-B	..DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2021-A	..DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2022-A	..DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2022-B	..DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2023-A	..DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000							MMAF Equipment Finance LLC 2024-A	..DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0000			04-2443240				MML Management Corporation	..MA	NIA	MM Investment Holding	Ownership	100.000	MMLIC	..YES	
.0000			04-3548444				MassMutual International Holding MSC, Inc.	..MA	NIA	MML Management Corporation	Ownership	100.000	MMLIC		
.0000			04-3341767				MassMutual Holding MSC, Inc.	..MA	NIA	MML Management Corporation	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000							MML CM LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
.0000							Blueprint Income LLC	..NY	NIA	MML CM LLC	Ownership	100.000	MMLIC		
.0000							Flourish Holding Company LLC	..DE	NIA	MML CM LLC	Ownership	100.000	MMLIC		
.0000							Flourish Insurance Agency LLC	..DE	NIA	Flourish Holding Company LLC	Ownership	100.000	MMLIC		
.0000							Flourish Digital Assets LLC	..DE	NIA	Flourish Holding Company LLC	Ownership	100.000	MMLIC		
.0000							Flourish Financial LLC	..DE	NIA	Flourish Holding Company LLC	Ownership	100.000	MMLIC		
.0000							Flourish Technologies LLC	..DE	NIA	Flourish Holding Company LLC	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			04-3356880				MML Distributors LLC	..MA	NIA	Company	Ownership	99.000	MMLIC		
.0000			04-3356880				MML Distributors LLC	..MA	NIA	MassMutual Holding LLC	Ownership	1.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000							MML Investment Advisers, LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			46-3238013				MML Strategic Distributors, LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			06-1563535	2881445			MassMutual Private Wealth & Trust, FSB	..CT	NIA	Company	Ownership	100.000	MMLIC	..YES	
							Massachusetts Mutual Life Insurance Company								
.0000			04-1590850				MML Private Placement Investment Company I, LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			04-1590850				MML Private Equity Fund Investor LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
.0000			04-1590850				MML Private Equity Fund Investor LLC	..DE	NIA	Baring Asset Management Limited	Management	0.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			04-1590850				MM Private Equity Intercontinental LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			45-2738137				Pioneers Gate LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
							Massachusetts Mutual Life Insurance Company								
.0000			04-2854319	2392316			MassMutual Holding LLC	..DE	NIA	Company	Ownership	100.000	MMLIC	..YES	
.0000			37-1732913				Fern Street LLC	..DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
.0000							Low Carbon Energy Holding	..GBR	NIA	MassMutual Holding LLC	Ownership	49.000	MMLIC		
.0000							Sleeper Street LLC	..DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
.0000			46-2252944				Haven Life Insurance Agency, LLC	..DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
.0000			82-2932156				GASL Holdings LLC	..DE	NIA	MassMutual Holding LLC	Ownership	11.260	MMLIC		
.0000			82-2932156				GASL Holdings LLC	..DE	NIA	Barings LLC	Board	0.000	MMLIC		
.0000			36-4868350				Barings Asset-Based Income Fund (US) LP	..DE	NIA	MassMutual Holding LLC	Ownership/Influence	11.400	MMLIC		
.0000			36-4868350				Barings Asset-Based Income Fund (US) LP	..DE	NIA	C.M. Life Insurance Company	Ownership/Influence	1.100	MMLIC		
.0000			36-4868350				Barings Asset-Based Income Fund (US) LP	..DE	NIA	Barings LLC	Management	0.000	MMLIC		
							Barings Perpetual European Direct Lending Fund	..LUX	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	81.610	MMLIC		
.0000							Barings Perpetual European Direct Lending Fund	..LUX	NIA	Barings LLC	Influence	0.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000			88-0916548				Barings Emerging Generation Fund II	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..55.800	MMLIC		
.0000			88-0916548				Barings Emerging Generation Fund II	..DE	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			98-1206017				Babson Capital Global Special Situation Credit Fund 2	..DE	NIA	MassMutual Holding LLC	Ownership/Influence	..25.600	MMLIC		
.0000			98-1206017				Babson Capital Global Special Situation Credit Fund 2	..DE	NIA	C.M. Life Insurance Company	Ownership	..1.600	MMLIC		
.0000			98-1206017				Babson Capital Global Special Situation Credit Fund 2	..DE	NIA	Barings LLC	Management	..0.000	MMLIC		
.0000			82-3867745				Barings Global Real Assets Fund LP	..DE	NIA	MassMutual Holding LLC	Ownership/Influence	..22.800	MMLIC		
.0000			82-3867745				Barings Global Real Assets Fund LP	..DE	NIA	C.M. Life Insurance Company	Ownership	..10.160	MMLIC		
.0000			82-3867745				Barings Global Real Assets Fund LP	..DE	NIA	Barings LLC	Management	..0.000	MMLIC		
.0000							Barings Global Special Situations Credit Fund 3	..LUX	NIA	MassMutual Holding LLC	Ownership/Influence	..18.100	MMLIC		
.0000							Barings Global Special Situations Credit Fund 3	..LUX	NIA	Barings LLC	Management	..0.000	MMLIC		
.0000			06-1597528				MassMutual Assignment Company	..NC	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000			04-1590850				MassMutual Capital Partners LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000			46-4255307				Marco Hotel LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000			45-3623262				HB Naples Golf Owner LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000			82-4411267				RB Apartments LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000							Intermodal Holding II LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures Holding LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000							Crane Venture Partners LLP	..GBR	NIA	MassMutual Ventures Holding LLC	Ownership	..33.000	MMLIC		
.0000							MassMutual Ventures Management LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures SEA Management Private Limited	..DE	NIA	MassMutual Ventures Management LLC	Ownership	..100.000	MMLIC		
.0000							MMV UK/SEA Limited	..GBR	NIA	MassMutual Ventures SEA Management Private Limited	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures India Private Limited	..IND	NIA	MassMutual Ventures SEA Management Private Limited	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures Southeast Asia I LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures Southeast Asia II LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures UK LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000			47-1296410				MassMutual Ventures US I LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures US II LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000							MassMutual Ventures US III LLC	..DE	NIA	MassMutual Ventures Holding LLC	Ownership	..100.000	MMLIC		
.0000							MM Catalyst Fund LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000							MM Catalyst Fund II LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000			04-1590850				MM Rothesay Holdco US LLC	..DE	NIA	MassMutual Holding LLC	Ownership	..100.000	MMLIC		
.0000							Rothesay Limited	..GBR	NIA	MM Rothesay Holdco US LLC	Ownership	..47.600	MMLIC		
.0000							Rothesay Mortgages Limited	..GBR	NIA	Rothesay Limited	Ownership	..100.000	MMLIC		
.0000							Rothesay Life Plc	..GBR	NIA	Rothesay Limited	Ownership	..100.000	MMLIC		
.0000							Rothesay MA No.1 Limited	..GBR	NIA	Rothesay Life PLC	Ownership	..100.000	MMLIC		
.0000							Rothesay MA No.3 Limited	..GBR	NIA	Rothesay Life PLC	Ownership	..100.000	MMLIC		
.0000							Rothesay MA No.4 Limited	..GBR	NIA	Rothesay Life PLC	Ownership	..100.000	MMLIC		
.0000							LT Mortgage Financing Limited	..GBR	NIA	Rothesay Life PLC	Ownership	..100.000	MMLIC		
.0000							Rothesay Property Partnership 1 LLP	..GBR	NIA	Rothesay Life PLC	Ownership	..100.000	MMLIC		
.0000							Rothesay Foundation	..GBR	NIA	Rothesay Limited	Ownership	..100.000	MMLIC		
.0000							Rothesay Pensions Management Limited	..GBR	NIA	Rothesay Limited	Ownership	..100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							Rothesay Asset Management UK Limited	.GBR.....	NIA.....	Rothesay Limited	Ownership.....	100.000	MMLIC		
.0000							Rothesay Asset Management Australia Pty Ltd	.AUS.....	NIA.....	Rothesay Asset Management UK Limited	Ownership.....	100.000	MMLIC		
.0000							Rothesay Asset Management North America LLC	.DE.....	NIA.....	Rothesay Asset Management UK Limited	Ownership.....	100.000	MMLIC		
.0000			04-1590850				MML Investors Services, LLC	.MA.....	NIA.....	MassMutual Holding LLC	Ownership.....	100.000	MMLIC		
.0000			04-1590850				MML Insurance Agency, LLC	.MA.....	NIA.....	MML Investors Services, LLC	Ownership.....	100.000	MMLIC		
.0000			47-1466022				LifeScore Labs, LLC	.MA.....	NIA.....	MassMutual Holding LLC	Ownership.....	100.000	MMLIC		
.0000			45-4000072				MM Asset Management Holding LLC	.MA.....	NIA.....	MassMutual Holding LLC	Ownership.....	100.000	MMLIC		
.0000			51-0504477				Barings LLC	.MA.....	NIA.....	MassMutual Holding LLC	Ownership.....	100.000	MMLIC		
.0000			98-0524271				Baring Asset Management (Asia) Holdings Limited	.HKG.....	NIA.....	Barings LLC	Ownership.....	100.000	MMLIC		
.0000			98-0457465				Baring International Fund Managers (Bermuda) Limited	.BMU.....	NIA.....	Baring Asset Management (Asia) Holdings Limited	Ownership.....	100.000	MMLIC		
.0000			98-0457463				Baring Asset Management (Asia) Holdings Limited	.HKG.....	NIA.....	Baring Asset Management (Asia) Holdings Limited	Ownership.....	100.000	MMLIC		
.0000							Baring Asset Management Korea Limited	.KOR.....	NIA.....	Baring Asset Management (Asia) Limited	Ownership.....	100.000	MMLIC		
.0000							Barings Investment Management (Shanghai) Limited	.HKG.....	NIA.....	Baring Asset Management (Asia) Limited	Ownership.....	100.000	MMLIC		
.0000							Barings Overseas Investment Fund Management (Shanghai) Limited	.HKG.....	NIA.....	Barings Investment Management (Shanghai) Limited	Ownership.....	100.000	MMLIC		
.0000			98-0457707				Baring SICE (Taiwan) Limited	.TWN.....	NIA.....	Baring Asset Management (Asia) Holdings Limited	Ownership.....	100.000	MMLIC		
.0000							Barings Singapore Pte. Ltd.	.SGP.....	NIA.....	Barings Asset Management (Asia) Holdings Limited	Ownership.....	100.000	MMLIC		
.0000			98-0236449				Barings Japan Limited	.JPN.....	NIA.....	Barings Asset Management (Asia) Holdings Limited	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Holding Company Pty Ltd ...	.AUS.....	NIA.....	Barings Asset Management (Asia) Holdings Limited	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Pty Ltd	.AUS.....	NIA.....	Barings Australia Holding Company Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Real Estate Holdings Pty Ltd	.AUS.....	NIA.....	Barings LLC	Ownership.....	100.000	MMLIC		
.0000			14-0045656				Barings Australia Real Estate Pty Ltd	.AUS.....	NIA.....	Barings Australia Real Estate Holdings Pty Ltd	Ownership.....	100.000	MMLIC		
.0000			98-0457456				Barings Australia Property Partners Holdings Pty Ltd	.AUS.....	NIA.....	Barings Australia Real Estate Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Asset Management Pty Ltd ..	.AUS.....	NIA.....	Barings Australia Property Partners Holdings Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Property Partners Pty Ltd ..	.AUS.....	NIA.....	Barings Australia Property Partners Holdings Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Structured Finance Holdings Pty Ltd	.AUS.....	NIA.....	Barings Australia Property Partners Holdings Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Barings Australia Structured Finance Pty Ltd	.AUS.....	NIA.....	Barings LLC	Ownership.....	100.000	MMLIC		
.0000								.AUS.....	NIA.....	Barings Australia Structured Finance Holdings Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Gryphon Capital Partners Pty Ltd	.AUS.....	NIA.....	Barings Australia Structured Finance Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							Gryphon Capital Management Pty Ltd	.AUS.....	NIA.....	Ltd	Ownership.....	100.000	MMLIC		
.0000							Gryphon Capital Investments Pty Ltd	.AUS.....	NIA.....	Gryphon Capital Partners Pty Ltd	Ownership.....	100.000	MMLIC		
.0000			80-0875475				Barings Finance LLC	.DE.....	NIA.....	Gryphon Capital Partners Pty Ltd	Ownership.....	100.000	MMLIC		
.0000							BCF Europe Funding Limited	.IRL.....	NIA.....	Barings LLC	Ownership.....	100.000	MMLIC		
.0000							BCF Senior Funding I LLC	.IRE.....	NIA.....	Barings Finance LLC	Ownership.....	100.000	MMLIC		
.0000							BCF Senior Funding I Designated Activity Company	.IRE.....	NIA.....	Barings Finance LLC	Ownership.....	100.000	MMLIC		
.0000							Barings Real Estate Acquisitions LLC	.DE.....	NIA.....	Barings Finance LLC	Ownership.....	100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000			04-3238351				Barings Securities LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			98-0437588				Barings Guernsey Limited	..GGY	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Europe Limited	..GBR	NIA	Barings Guernsey Limited	Ownership	100.000	MMLIC		
.0000							Barings Asset Management Spain SL	..ESP	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Baring France SAS	..FRA	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Baring International Fund Managers (Ireland) Limited	..IRL	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Barings GmbH	..DEU	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Barings Italy S.r.l.	..ITA	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Barings Sweden AB	..SWE	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Barings Netherlands B.V.	..NLD	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000			98-0432153				Barings (U.K.) Limited	..GBR	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Barings Switzerland Sàrl	..CHE	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000			98-0241935				Baring Asset Management Limited	..GBR	NIA	Barings Europe Limited	Ownership	100.000	MMLIC		
.0000							Barings European Direct Lending 1 GP LLP	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000			98-0457328				Baring International Investment Limited	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000			98-0457586				Baring Fund Managers Limited	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							BCGSS 2 GP LLP	..GBR	NIA	Baring Fund Managers Limited	Ownership	100.000	MMLIC		
.0000			98-0457578				Baring Investment Services Limited	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							Barings Core Fund Feeder I GP S.à.r.l.	..LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							Barings Investment Fund (LUX) GP S.à. r. l	..LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							Barings BME GP S.à.r.l.	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							Barings GPC GP S.à. r. l	..LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							Barings European Core Property Fund GP Sàrl	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							Barings Umbrella Fund (LUX) GP S.à.r.l.	..LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							GPLF4(S) GP S.à. r. l	..LUX	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							PREIF Holdings Limited Partnership	..GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
.0000							BMC Holdings DE LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			04-3238351	3456895			Barings Real Estate Advisers Inc.	..CA	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Massachusetts Mutual Life Insurance Company								
.0000			81-4065378				Remington L & W Holdings LLC	..DE	NIA	Company	Ownership/Influence	45.400	MMLIC		
.0000			81-4065378				Remington L & W Holdings LLC	..DE	NIA	Barings LLC	Influence	0.000	MMLIC		
.0000							Aland Royalty GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Alaska Future Fund GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BAI Funds SLP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BAI GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Baring Asset-Based Income Fund (US) GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Infiniti Fund Management LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings New Jersey Emerging Manager Program GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Massachusetts Mutual Life Insurance Company								
.0000							Barings Hotel Opportunity Venture I GP, LLC	..DE	NIA	Company	Ownership	100.000	MMLIC		
.0000							Baring Investment Series LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Emerging Generation Fund GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Emerging Generation Fund GP II, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings ERS PE Emerging Manager III GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings FC III LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Global Investment Funds (U.S.) Management LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			04-1590850				Barings CLO Investment Partners GP, LLC	..DE	NIA	Barings LLC	Ownership	100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							Barings Core Property Fund GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Direct Lending GP Ltd.	..CYM	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Direct Investments LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Diversified Residential Fund GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Global Energy Infrastructure Advisors, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Capital Solutions Perpetual Fund GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Centre Street CLO Equity Partnership GP, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			88-3792609				Barings Centre Street CLO Equity Partnership LP	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	21.600	MMLIC		
.0000			88-3792609				Barings Centre Street CLO Equity Partnership LP	..DE	..NIA	Barings LLC	Management	0.000	MMLIC		
.0000							Barings Global Real Assets Fund GP, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings GPSF LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings North American Private Loan Fund Management, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings North American Private Loan Fund II Management, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings North American Private Loan Fund III Management, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Global Special Situations Credit Fund 4 GP (Delaware) LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings – MM Revolver Fund GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Real Estate European Value Add Fund II Feeder LLC	..CYM	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings SBIC II GP, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings SEM GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BMT RE Debt Fund GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			84-5063008				Barings Small Business Fund LLC	..DE	..NIA	Massachusetts Mutual Life Insurance Company	Ownership	30.930	MMLIC		
.0000			84-5063008				Barings Small Business Fund LLC	..DE	..NIA	Barings LLC	Management	0.000	MMLIC		
.0000							Barings TYIDF2 Rated Feeder GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings TYIDF2 Rated Feeder, L.P.	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BCLF GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			98-0536233				Benton Street Advisors, Inc.	..CYM	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Active Passive Equity Direct EAFE LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BHOVI Incentive LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BIG Real Estate Incentive I LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BIG Real Estate Incentive II LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BRECS VII GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							BREDIF GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							CPF Springing Member, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							CREA-MA Reorganization Trust	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							CREF X GP LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000			04-1590850				Great Lakes III GP, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Lake Jackson LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Emerging Markets Blended Fund I GP, LLC	..DE	..NIA	Barings LLC	Ownership	100.000	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000							Barings EPLF4 Rated Feeder GP LLC	DE	NIA	Barings LLC	Ownership	100.000	MLLIC		
.0000			41-2280126				Mezzco III LLC	DE	NIA	Barings LLC	Ownership	99.300	MLLIC		
.0000			80-0920285				Mezzco IV LLC	DE	NIA	Barings LLC	Ownership	99.300	MLLIC		
.0000							Mezzco Australia II LLC	DE	NIA	Barings LLC	Ownership	100.000	MLLIC		
.0000							RECSA-NY GP LLC	DE	NIA	Barings LLC	Ownership	100.000	MLLIC		
.0000			98-1624360				Barings CLO 2022-I	CYM	NIA	Barings LLC	Influence	0.000	MLLIC		
.0000							Barings CLO 2022-II	CYM	NIA	Barings LLC	Influence	0.000	MLLIC		
.0000							Amherst Long Term Holdings, LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	24.500	MLLIC		
.0000							Enroll Confidently, Inc.	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	25.000	MLLIC		
.0000			04-3313782				MassMutual International LLC	DE	NIA	Company	Ownership	100.000	MLLIC	YES	
.0000							MassMutual Solutions LLC	DE	NIA	MassMutual International LLC	Ownership	100.000	MLLIC		
.0000							Yunfeng Financial Group Limited	HKG	NIA	MassMutual International LLC	Ownership	24.900	MLLIC		
.0000			27-3576835				MassMutual External Benefits Group LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000							Stillings Street LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000							5301 Wisconsin Avenue Associates, LLC	DC	NIA	Massachusetts Mutual Life Insurance Company	Ownership	99.000	MLLIC		
.0000							5301 Wisconsin Avenue GP, LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000			04-1590850				100 w. 3rd Street LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000			82-2432216				300 South Tryon Hotel LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000			04-1590850				300 South Tryon LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	72.900	MLLIC		
.0000							Barings Affordable Housing Mortgage Fund I LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000							Barings Affordable Housing Mortgage Fund I LLC	DE	NIA	Barings LLC	Management	0.000	MLLIC		
.0000			61-1902329				Barings Affordable Housing Mortgage Fund II LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000			61-1902329				Barings Affordable Housing Mortgage Fund II LLC	DE	NIA	Barings LLC	Management	0.000	MLLIC		
.0000			85-3036663				Barings Affordable Housing Mortgage Fund III LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		
.0000			85-3036663				Barings Affordable Housing Mortgage Fund III LLC	DE	NIA	Barings LLC	Management	0.000	MLLIC		
.0000							Barings Construction Lending Fund LP	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	85.710	MLLIC		
.0000							Barings Construction Lending Fund LP	DE	NIA	Massachusetts Mutual Ascend	Management	10.000	MLLIC		
.0000							12-18 West 55th Street Predevelopment, LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	90.200	MLLIC		
.0000							21 West 86th LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	96.240	MLLIC		
.0000							Barings Diversified Residential Fund LP	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MLLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...							Barings Emerging Generation Fund II LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..39.700	MMLIC .....	.....	.....
. 0000 ...			84-3784245 ..	.....	.....	.....	Barings Emerging Generation Fund, LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..37.550	MMLIC .....	.....	.....
. 0000 ...			84-3784245 ..	.....	.....	.....	Barings Emerging Generation Fund, LP	.. DE.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....
. 0000 ...							Barings Emerging Markets Corporate Bond Fund	.. IRL.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..0.000	MMLIC .....	.....	.....
. 0000 ...							Barings Emerging Markets Corporate Bond Fund	.. IRL.....	 NIA.....	Barings LLC	Ownership.....	..64.400	MMLIC .....	.....	.....
. 0000 ...							Barings Hotel Opportunity Venture I LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..65.000	MMLIC .....	.....	.....
. 0000 ...							Barings Hotel Opportunity Venture I LP	.. DE.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....
. 0000 ...							Barings Miller Investment Trust	.. AUS.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..76.430	MMLIC .....	.....	.....
. 0000 ...							Barings Miller Investment Trust	.. AUS.....	 NIA.....	MassMutual Ascend Life Insurance Company ..	Influence.....	..0.000	MMLIC .....	.....	.....
. 0000 ...			85-3449260 ..	.....	.....	.....	Barings Real Estate Debt Income Fund LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..55.190	MMLIC .....	.....	.....
. 0000 ...			85-3449260 ..	.....	.....	.....	Barings Real Estate Debt Income Fund LP	.. DE.....	 NIA.....	C.M. Life Insurance Company	Influence.....	..0.000	MMLIC .....	.....	.....
. 0000 ...			85-3449260 ..	.....	.....	.....	Barings Real Estate Debt Income Fund LP	.. DE.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....
. 0000 ...							Barings Real Estate European Value Add I SCSp ..	.. GBR.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..44.000	MMLIC .....	.....	.....
. 0000 ...							Barings Real Estate European Value Add I SCSp ..	.. GBR.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..4.900	MMLIC .....	.....	.....
. 0000 ...							Barings Real Estate European Value Add I SCSp ..	.. GBR.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....
. 0000 ...							Barings Small Business Fund, L.P.	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..33.600	MMLIC .....	.....	.....
. 0000 ...							Barings U.S. High Yield Fund	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..30.090	MMLIC .....	.....	.....
. 0000 ...							Barings-MM Revolver Fund LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..86.000	MMLIC .....	.....	.....
. 0000 ...							Barings-MM Revolver Fund LP	.. DE.....	 NIA.....	MM Ascend	Ownership/Influence	..14.000	MMLIC .....	.....	.....
. 0000 ...							Beauty Brands Acquisition LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..32.630	MMLIC .....	.....	.....
. 0000 ...							Beauty Brands Acquisition Intermediate LLC ..	.. DE.....	 NIA.....	Beauty Brands Acquisition LLC	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...							Beauty Brands Acquisition Intermediate LLC ..	.. DE.....	 NIA.....	Beauty Brands Acquisition Intermediate LLC ..	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...							Forma Brands, LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			45-2632610 ..	.....	.....	.....	Cornerstone Permanent Mortgage Fund LLC	.. MA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			45-2632610 ..	.....	.....	.....	Cornerstone Permanent Mortgage Fund LLC	.. MA.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....
. 0000 ...							CREA Ridge Apartments, LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...							Euro Real Estate Holdings Herleshausen LLC ..	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..47.500	MMLIC .....	.....	.....
. 0000 ...							London Office JV Holdings LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...							Riverwalk MM Member, LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			83-0560183 ..	.....	.....	.....	Aland Royalty Holdings LP	.. DE.....	 NIA.....	MM Ascend	Ownership/Influence	..26.700	MMLIC .....	.....	.....
. 0000 ...			83-0560183 ..	.....	.....	.....	Aland Royalty Holdings LP	.. DE.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000			81-2244465				Chassis Acquisition Holding LLC	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..30.000	MMLIC		
.0000			81-4258759				CRA Aircraft Holding LLC	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..15.900	MMLIC		
.0000			81-4258759				CRA Aircraft Holding LLC	..DE	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							EIP Holdings I, LLC	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..29.000	MMLIC		
.0000			46-5460309				Red Lake Ventures, LLC	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..31.520	MMLIC		
.0000			46-5460309				Red Lake Ventures, LLC	..DE	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			46-0687392				Validus Holding Company LLC	..DE	NIA	Barings LLC	Ownership	..40.440	MMLIC		
.0000							SBNP SIA III LLC	..DE	NIA	Barings LLC	Ownership	..100.000	MMLIC		
.0000							MM Speedway El Paso Member LLC	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	..100.000	MMLIC		
.0000							Barings European Real Estate Debt Income Fund	..LUX	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..46.500	MMLIC		
.0000							Barings European Real Estate Debt Income Fund	..LUX	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			37-1506417				Babson Capital Loan Strategies Fund, L.P.	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..76.630	MMLIC		
.0000			37-1506417				Babson Capital Loan Strategies Fund, L.P.	..DE	NIA	C.M. Life Insurance Company	Ownership	..3.800	MMLIC		
.0000			37-1506417				Babson Capital Loan Strategies Fund, L.P.	..DE	NIA	Barings LLC	Management	..0.000	MMLIC		
.0000							Barings US High Yield Bond Fund	..IRL	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..0.000	MMLIC		
.0000							Barings US High Yield Bond Fund	..IRL	NIA	Barings LLC	Management	..0.000	MMLIC		
.0000							Babson CLO Ltd. 2015-I	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		2
.0000							Babson CLO Ltd. 2015-II	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		3
.0000							Barings CLO 2018-IV	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			98-1473665				Barings CLO 2019-II	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2019-III	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2019-IV	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2020-I	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2020-III	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2020-IV	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2021-I	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2021-II	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2021-III	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2021-III	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings CLO 2024-II	..CYM	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Babson Euro CLO 2015-I BV	..NLD	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			36-037260H				Barings Euro CLO 2019-I BV	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings Euro CLO 2019-II BV	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings Euro CLO 2020-I DAC	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			37-15576VH				Barings Euro CLO 2021-I DAC	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings Euro CLO 2021-II DAC	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings Euro CLO 2021-III DAC	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000							Barings Euro CLO 2023-II DAC	..IRL	NIA	Barings LLC	Influence	..0.000	MMLIC		
.0000			98-1332384				Barings Global Energy Infrastructure Fund I LP	..CYM	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	..99.300	MMLIC		
.0000							Barings Global Special Situations Credit 4 Delaware	..DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	..66.400	MMLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...							Barings Global Special Situations Credit 4 Delaware	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 3.500 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Global Special Situations Credit 4 Delaware	.. DE.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Global Special Situations Credit 4 LUX	.. LUX.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 11.500 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Global Special Situations Credit 4 LUX	.. LUX.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 0.600 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Global Special Situations Credit 4 LUX	.. LUX.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Europe Select Fund	.. IRL.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			87-0977058 ..	.....	.....	.....	Barings Hotel Opportunity Venture	.. CT.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.. 36.500 ...	MMLIC .....	.....	.....
. 0000 ...			87-0977058 ..	.....	.....	.....	Barings Hotel Opportunity Venture	.. CT.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			86-3661023 ..	.....	.....	.....	Barings Innovations & Growth Real Estate Fund	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 29.700 ...	MMLIC .....	.....	.....
. 0000 ...			86-3661023 ..	.....	.....	.....	Barings Innovations & Growth Real Estate Fund	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 0.400 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Middle Market CLO 2017-I Ltd & LLC	.. CYM.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			98-1612604 ..	.....	.....	.....	Barings Middle Market CLO Ltd 2021-I	.. CYM.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Middle Market CLO Ltd 2023-I	.. BMJ.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Middle Market CLO Ltd 2023-II	.. BMJ.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Euro Middle Market CLO 2024-1 DAC	.. IRL.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Middle Market Loan Partners 1	.. CYM.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Middle Market Loan Partners 2	.. CYM.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Loan Partners 5	.. CYM.....	 NIA.....	Barings LLC	Influence.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			98-1332384 ..	.....	.....	.....	Barings RE Credit Strategies VII LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.. 34.690 ...	MMLIC .....	.....	.....
. 0000 ...			98-1332384 ..	.....	.....	.....	Barings RE Credit Strategies VII LP	.. DE.....	 NIA.....	Baring Asset Management Limited	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			98-1567942 ..	.....	.....	.....	Barings Target Yield Infrastructure Debt Fund	.. LUX.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 18.870 ...	MMLIC .....	.....	.....
. 0000 ...			98-1567942 ..	.....	.....	.....	Barings Target Yield Infrastructure Debt Fund	.. LUX.....	 NIA.....	Baring Asset Management Limited	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			81-0841854 ..	.....	.....	.....	Barings CLO Investment Partners LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.. 95.640 ...	MMLIC .....	.....	.....
. 0000 ...			81-0841854 ..	.....	.....	.....	Barings CLO Investment Partners LP	.. DE.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Euro Value Add II (BREEVA II)	.. LUX.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.. 26.200 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Euro Value Add II (BREEVA II)	.. LUX.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 2.300 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Euro Value Add II (BREEVA II)	.. LUX.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...			87-1262754 ..	.....	.....	.....	Barings Transportation Fund LP	.. DE.....	 NIA.....	MassMutual Holding LLC	Ownership/Influence	.. 5.200 ...	MMLIC .....	.....	.....
. 0000 ...			87-1262754 ..	.....	.....	.....	Barings Transportation Fund LP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 16.500 ...	MMLIC .....	.....	.....
. 0000 ...							Braemar Energy Ventures I, L.P.	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.. 98.500 ...	MMLIC .....	.....	.....
. 0000 ...							Braemar Energy Ventures I, L.P.	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 1.500 ...	MMLIC .....	.....	.....
. 0000 ...							Braemar Energy Ventures I, L.P.	.. DE.....	 NIA.....	Barings LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings European Core Property Fund SCSp	.. LUX.....	 NIA.....	MassMutual Holding LLC	Ownership/Influence	.. 12.500 ...	MMLIC .....	.....	.....
. 0000 ...							Barings European Core Property Fund SCSp	.. LUX.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 0.800 ...	MMLIC .....	.....	.....
. 0000 ...							Barings European Core Property Fund SCSp	.. LUX.....	 NIA.....	Barings Real Estate Advisers LLC	Management.....	.. 0.000 ...	MMLIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
.0000			46-5001122				Barings European Private Loan Fund III A	.LUX	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.45.500	MLLIC		
.0000			38-4059932				Benchmark 2018-B2 Mortgage Trust	.NY	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000							Benchmark 2018-B4	.NY	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000			38-4096530				Benchmark 2018-B8	.NY	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000			20-5578089				Barings Core Property Fund LP	.DE	.NIA	MassMutual Holding LLC	Ownership/Influence	.27.700	MLLIC		
.0000			20-5578089				Barings Core Property Fund LP	.DE	.NIA	Barings Real Estate Advisers LLC	Management	.0.000	MLLIC		
.0000			04-1590850				DPI Acres Capital SPV LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.100.000	MLLIC		
.0000			04-1590850				DPI-ARES Mortgage Lending SPV, LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.100.000	MLLIC		
.0000							E2E Affordable Housing Debt Fund LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.100.000	MLLIC		
.0000			98-1607033				GIA EU Holdings - Emerson JV Sarl	.LUX	.NIA	Company	Ownership/Influence	.62.400	MLLIC		
.0000			98-1607033				GIA EU Holdings - Emerson JV Sarl	.LUX	.NIA	Barings LLC	Management	.0.000	MLLIC		
.0000			38-4041011				JPMCC Commercial Mortgage Securities Trust 2017-JP7	.NY	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000			38-4032059				JPMDB Commercial Mortgage Securities Trust 2017-C5	.NY	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000							Martello Re Feeder LP	.DE	.NIA	MassMutual Holding LLC	Ownership	.44.000	MLLIC		
.0000							Martello Re LP	.DE	.NIA	Martello Re Feeder LP	Ownership	.54.000	MLLIC		
.0000							Martello Re Holding Limited LLC	.DE	.NIA	Martello Re LP	Ownership	.100.000	MLLIC		
.0000							Martello Re Limited	.BMU	.NIA	Martello Re Holding Limited LLC	Ownership	.100.000	MLLIC		
.0000							Martello Re Services Company	.DE	.NIA	Martello Re Holding Limited LLC	Ownership	.100.000	MLLIC		
.0000			04-1590850				Miami Douglas Three MM, LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.100.000	MLLIC		
.0000			87-4021641				MM BIG Peninsula Co-Invest Member LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.27.000	MLLIC		
.0000			87-4021641				MM BIG Peninsula Co-Invest Member LLC	.DE	.NIA	C.M. Life Insurance Company	Ownership	.0.800	MLLIC		
.0000			04-1590850				MM Direct Private Invetment Holding	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.100.000	MLLIC		
.0000							MM CM Holding LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.100.000	MLLIC		
.0000			81-3000420				MM Debt Participations LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	.100.000	MLLIC		
.0000			81-3000420				MM Debt Participations LLC	.DE	.NIA	Barings LLC	Management	.0.000	MLLIC		
.0000			04-1590850				MM MD1 Station Member LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.50.000	MLLIC		
.0000			04-1590850				MM MD1 Station Member LLC	.DE	.NIA	C.M. Life Insurance Company	Ownership	.3.100	MLLIC		
.0000			92-3857084				Barings Capital Solutions Perpetual Fund (DE) LP	.DE	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000							Barings Capital Solutions Perpetual Fund (LUX)	.LUX	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000							Barings Income Navigator Fund	.IRL	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000							Barings Capital Solutions Perpetual Fund (CA), LP	.CYM	.NIA	Barings LLC	Influence	.0.000	MLLIC		
.0000							Barings Global Investment Grade Credit Fund	.IRL	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.42.400	MLLIC		
.0000							Barings Global Investment Grade Credit Fund	.IRL	.NIA	Barings LLC	Management	.0.000	MLLIC		
.0000			04-1590850				MM MD2 Station Member LLC	.DE	.NIA	Massachusetts Mutual Life Insurance Company	Ownership	.47.000	MLLIC		

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...			04-1590850 ..	.....	.....	.....	MM MD2 Station Member LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	3.100 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MMV Climate Technology Fund GP	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	99.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MMV Climate Technology Fund GP	.. DE.....	 NIA.....	Massachusetts Mutual Ascend	Ownership.....	1.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM REED District Landco Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Sedona Vortex Investor LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	80.300 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Sedona Vortex Investor LLC	.. DE.....	 NIA.....	Massachusetts Mutual Ascend	Ownership.....	19.690 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Subline Borrower LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...							MM The Gilman Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...							SBNP SIA IV LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	99.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Washington Pine LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			35-2553915 ..	.....	.....	.....	Ten Fan Pier Boulevard LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			41-2280127 ..	.....	.....	.....	Tower Square Capital Partners III, L.P.	.. DE.....	 NIA.....	Barings LLC	Management.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...			41-2280127 ..	.....	.....	.....	Tower Square Capital Partners III, L.P.	.. DE.....	 NIA.....	MassMutual Holding LLC	Ownership/Influence	20.100 ...	MMLIC .....	.....	.....
. 0000 ...			41-2280129 ..	.....	.....	.....	Tower Square Capital Partners IIIA, L.P.	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			41-2280129 ..	.....	.....	.....	Tower Square Capital Partners IIIA, L.P.	.. DE.....	 NIA.....	Barings LLC	Management.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Trailside MM Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	66.970 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Trailside MM Member LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	7.380 ...	MMLIC .....	.....	.....
. 0000 ...			83-1325764 ..	.....	.....	.....	Washington Gateway Two LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	95.570 ...	MMLIC .....	.....	.....
. 0000 ...			83-1325764 ..	.....	.....	.....	Washington Gateway Two LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	6.720 ...	MMLIC .....	.....	.....
. 0000 ...			32-0574045 ..	.....	.....	.....	Washington Gateway Three LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	95.230 ...	MMLIC .....	.....	.....
. 0000 ...							MALIC Debt Participations LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...							Invesco Ltd	.. BMJ.....	 NIA.....	MM Asset Management Holding LLC	Ownership.....	18.100 ...	MMLIC .....	.....	.....
. 0000 ...							Babson Capital Loan Strategies Master Fund LP	.. CYM.....	 NIA.....	Barings LLC	Management.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings China Aggregate Bond Private Securities Investment Fund	.. CHN.....	 NIA.....	Barings LLC	Management.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...			47-3790192 ..	.....	.....	.....	Barings Global High Yield Fund	.. MA.....	 NIA.....	Barings LLC	Management.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...			71-1018134 ..	.....	.....	.....	Great Lakes II LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	0.750 ...	MMLIC .....	.....	.....
. 0000 ...			71-1018134 ..	.....	.....	.....	Great Lakes II LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	0.320 ...	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Wood Creek Venture Fund LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	40.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings California Mortgage Fund IV	.. CA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership/Influence	99.200 ...	MMLIC .....	.....	.....
. 0000 ...							Barings California Mortgage Fund IV	.. CA.....	 NIA.....	Barings LLC	Influence.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Umbrella Fund LUX SCSp SICAV RAIF ...	.. LUX.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	24.960 ...	MMLIC .....	.....	.....
. 0000 ...							Barings Umbrella Fund LUX SCSp SICAV RAIF ...	.. LUX.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	2.300 ...	MMLIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...			82-2285211 ..	.....	.....	.....	Calgary Railway Holding LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..90.000	MMLIC .....	.....	.....
. 0000 ...			82-3307907 ..	.....	.....	.....	Cornbrook PRS Holdings LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			95-4207717 ..	.....	.....	.....	Cornerstone California Mortgage Fund I LLC ..	.. CA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			95-4207717 ..	.....	.....	.....	Cornerstone California Mortgage Fund II LLC	.. CA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			95-4207717 ..	.....	.....	.....	Cornerstone California Mortgage Fund III LLC	.. CA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			56-2630592 ..	.....	.....	.....	Cornerstone Fort Pierce Development LLC	.. DE.....	 NIA.....	Company	Ownership.....	..90.000	MMLIC .....	.....	.....
. 0000 ...			56-2630592 ..	.....	.....	.....	Cornerstone Fort Pierce Development LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..5.900	MMLIC .....	.....	.....
. 0000 ...			61-1750537 ..	.....	.....	.....	Cornerstone Permanent Mortgage Fund II	.. MA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			61-1750537 ..	.....	.....	.....	Cornerstone Permanent Mortgage Fund II	.. MA.....	 NIA.....	Barings LLC	Management.....	..0.000	MMLIC .....	.....	.....
. 0000 ...							Cornerstone Permanent Mortgage Fund III LLC	.. MA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			61-1793735 ..	.....	.....	.....	Cornerstone Permanent Mortgage Fund IV	.. MA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			20-0348173 ..	.....	.....	.....	CREA/PPC Venture LLC	.. DE.....	 NIA.....	Company	Ownership.....	..28.520	MMLIC .....	.....	.....
. 0000 ...			82-2783393 ..	.....	.....	.....	Danville Riverwalk Venture, LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..94.400	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Euro Real Estate Holdings LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..50.000	MMLIC .....	.....	.....
. 0000 ...			20-3347091 ..	.....	.....	.....	Fan Pier Development LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..65.000	MMLIC .....	.....	.....
. 0000 ...			20-3347091 ..	.....	.....	.....	Fan Pier Development LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..5.850	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	GIA EU Holdings LLC – Avalon Spain	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	GIA EU Holdings LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..95.000	MMLIC .....	.....	.....
. 0000 ...			81-5360103 ..	.....	.....	.....	Landmark Manchester Holdings LLC	.. DE.....	 NIA.....	Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			13-1935920 ..	.....	.....	.....	MMLIC Debt Participations LLC	.. DE.....	 NIA.....	Massachusetts Mutual Ascend	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Brookhaven Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..95.000	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Ascend Mtg. Lending LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Kannapolis Industrial Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..87.080	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Kannapolis Industrial Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Ascend	Ownership.....	..12.920	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM East South Crossing Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..95.000	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Horizon Savannah Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..95.000	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Horizon Savannah Member LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..3.700	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Horizon Savannah Member II LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..4.430	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Horizon Savannah Member II LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..0.180	MMLIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Horizon Savannah Member II LLC	.. DE.....	 NIA.....	Massachusetts Mutual Ascend	Ownership.....	..0.380	MMLIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Location	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Ownership Provide Percentage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Ironhead Commerce Center	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..75.250	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Ironhead Commerce Center	.. DE.....	 NIA.....	Massachusetts Mutual Ascend	Ownership.....	..19.800	MM LIC .....	.....	.....
. 0000 ...							BRAVA5 MM Investor LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							BRAVA5 MALIC Investor LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 0.000	MM LIC .....	.....	.....
. 0000 ...							BRAVA5 MALIC Investor LLC	.. DE.....	 NIA.....	MM Ascend	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							MM Ironhead Commerce Center Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							MM 425 Montgomery Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							MM Century Square LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							MM Horizon Savannah Member III LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							MM Liberty Centre LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM National Self-Storage Program Member LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..98.000	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Liberty Centre Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..68.180	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Century Square Member LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..68.560	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM Century Square Member LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 3.120	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM 1370 AVE OF AM LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..90.000	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM 1370 AVE OF AM LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 3.330	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	MM 1400 E 4th Street Member LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	..96.000	MM LIC .....	.....	.....
. 0000 ...			80-0948028 ..	.....	.....	.....	One Harbor Shore LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..94.990	MM LIC .....	.....	.....
. 0000 ...			80-0948028 ..	.....	.....	.....	One Harbor Shore LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 6.030	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Paco France Logistics LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...							Salomon Brothers Commercial Mortgage Trust 2001-MM	.. DE.....	 NIA.....	Barings Real Estate Advisers LLC	Influence.....	.. 0.000	MM LIC .....	.....	.....
. 0000 ...			81-5273574 ..	.....	.....	.....	Three PW Office Holding LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..95.100	MM LIC .....	.....	.....
. 0000 ...			04-1590850 ..	.....	.....	.....	Trailside MM Member II LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..67.000	MM LIC .....	.....	.....
. 0000 ...			82-3250684 ..	.....	.....	.....	Unna, Dortmund Holding LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MM LIC .....	.....	.....
. 0000 ...			45-5401109 ..	.....	.....	.....	Washington Gateway Apartments Venture LLC ...	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..95.000	MM LIC .....	.....	.....
. 0000 ...			45-5401109 ..	.....	.....	.....	Washington Gateway Apartments Venture LLC ...	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 5.000	MM LIC .....	.....	.....
. 0000 ...			88-3861481 ..	.....	.....	.....	West 37th Street Hotel LLC	.. DE.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..93.800	MM LIC .....	.....	.....
. 0000 ...			88-3861481 ..	.....	.....	.....	West 37th Street Hotel LLC	.. DE.....	 NIA.....	C.M. Life Insurance Company	Ownership.....	.. 6.200	MM LIC .....	.....	.....
. 0000 ...			26-3229251 ..	.....	0000927972 ..	OQ	MassMutual Premier Strategic Emerging Markets Fund	.. MA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..57.140	MM LIC .....	.....	.....
. 0000 ...			42-1710935 ..	.....	0000916053 ..	OQ	MassMutual Select Mid-Cap Value Fund	.. MA.....	 NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..61.400	MM LIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...			02-0769954 ..	.....	0000916053 ..	OQ	MassMutual Select Small Capital Value Equity Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			04-3584140 ..	.....	0000916053 ..	OQ	MassMutual Select Small Company Value Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..41.460	MMLIC .....	.....	.....
. 0000 ...			82-3347422 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2005 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..33.280	MMLIC .....	.....	.....
. 0000 ...			82-3355639 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2010 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3382389 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2015 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3396442 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2020 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3417420 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2025 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3430358 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2030 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3439837 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2035 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3451779 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2040 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3472295 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2045 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3481715 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2050 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3502011 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2055 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3525148 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement 2060 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			82-3533944 ..	.....	0000916053 ..	OQ	MassMutual Select T. Rowe Price Retirement Balanced Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			46-4257056 ..	.....	.....	.....	MMI Series International Equity Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			47-3529636 ..	.....	.....	.....	MMI Series II Dynamic Bond Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Influence.....	.. 0.000	MMLIC .....	.....	.....
. 0000 ...			47-3544629 ..	.....	.....	.....	MMI Series II Equity Rotation Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..91.370	MMLIC .....	.....	.....
. 0000 ...			27-1933389 ..	.....	0000916053 ..	OQ	MassMutual RetireSMART 2035 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 3.000	MMLIC .....	.....	.....
. 0000 ...			27-1932769 ..	.....	0000916053 ..	OQ	MassMutual RetireSMART 2045 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 4.990	MMLIC .....	.....	.....
. 0000 ...			46-3289207 ..	.....	0000916053 ..	OQ	MassMutual RetireSMART 2055 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..19.410	MMLIC .....	.....	.....
. 0000 ...			47-5326235 ..	.....	0000916053 ..	OQ	MassMutual RetireSMART 2060 Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..37.640	MMLIC .....	.....	.....
. 0000 ...			45-1618155 ..	.....	0000916053 ..	OQ	MassMutual 20/80 Allocation Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....
. 0000 ...			45-1618222 ..	.....	0000916053 ..	OQ	MMI SER INVT FD II ISHARES 80/20 ALLOCATION FD	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..30.760	MMLIC .....	.....	.....
. 0000 ...			03-0532464 ..	.....	0000916053 ..	OQ	MassMutual RetireSMART In Retirement Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	.. 8.350	MMLIC .....	.....	.....
. 0000 ...			45-1618262 ..	.....	0000916053 ..	OQ	MassMutual 40/60 Allocation Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	..100.000	MMLIC .....	.....	.....

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Group Code	Group Name	NAIC Company Code	ID Number	Federal RSSD	CIK	Name of Securities Exchange if Publicly Traded (U.S. or International)	Names of Parent, Subsidiaries Or Affiliates	Domi-ciliary Loca-tion	Relation-ship to Reporting Entity	Directly Controlled by (Name of Entity/Person)	Type of Control (Ownership, Board, Management, Attorney-in-Fact, Influence, Other)	If Control is Owner-ship Provide Percen-tage	Ultimate Controlling Entity(ies)/Person(s)	Is an SCA Filing Re-quired? (Yes/No)	*
. 0000 ...			45-1618046 ..	.....	0000916053 ..	OQ	MassMutual 60/40 Allocation Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			45-1618046 ..	.....	0000916053 ..	OQ	MassMutual ishares 60/40 Allocation Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	51.990 ...	MMLIC .....	.....	.....
. 0000 ...			04-3212054 ..	.....	0000916053 ..	OQ	MassMutual Balanced Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-3556992 ..	.....	0000916053 ..	OQ	MassMutual Blue Chip Growth Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-3277549 ..	.....	0000916053 ..	OQ	MassMutual Core Bond Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	3.860 ...	MMLIC .....	.....	.....
. 0000 ...			04-3539084 ..	.....	0000916053 ..	OQ	MassMutual Disciplined Growth Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-3539083 ..	.....	0000916053 ..	OQ	MassMutual Disciplined Value Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			01-0821120 ..	.....	0000916053 ..	OQ	MassMutual Diversified Value Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-3512590 ..	.....	0000916053 ..	OQ	MassMutual Equity Opportunities Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			03-0532475 ..	.....	0000916053 ..	OQ	MassMutual Inflation-Protected and Income Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	96.020 ...	MMLIC .....	.....	.....
. 0000 ...			04-3512596 ..	.....	0000916053 ..	OQ	MassMutual Mid Cap Growth Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-3464165 ..	.....	0000916053 ..	OQ	MassMutual Premier Diversified Bond Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			92-1441036 ..	.....	0000916053 ..	OQ	MassMutual RetireSMART by JPMorgan 206S Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	87.890 ...	MMLIC .....	.....	.....
. 0000 ...			45-1618222 ..	.....	0000916053 ..	OQ	MassMutual Select 80/20 Allocation Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			04-3557000 ..	.....	0000916053 ..	OQ	MassMutual Select Overseas Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			92-1427882 ..	.....	0000916053 ..	OQ	MassMutual Select T Rowe Price Retirement 206S Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	20.700 ...	MMLIC .....	.....	.....
. 0000 ...			04-3464205 ..	.....	0000916053 ..	OQ	MassMutual Small Cap Growth Equity Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	60.260 ...	MMLIC .....	.....	.....
. 0000 ...			04-3424705 ..	.....	0000916053 ..	OQ	MassMutual Small Cap Opportunities Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	7.830 ...	MMLIC .....	.....	.....
. 0000 ...			02-0769954 ..	.....	0000916053 ..	OQ	MassMutual Small Cap Value Equity Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	100.000 ...	MMLIC .....	.....	.....
. 0000 ...			93-4168848 ..	.....	0000916053 ..	OQ	MassMutual Clinton Municipal Credit Opportunities Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...			93-4190918 ..	.....	0000916053 ..	OQ	MassMutual Clinton Municipal Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	0.000 ...	MMLIC .....	.....	.....
. 0000 ...			93-4193313 ..	.....	0000916053 ..	OQ	MassMutual Clinton Short-Term Municipal Fund	.. MA.....	NIA.....	Massachusetts Mutual Life Insurance Company	Ownership.....	0.000 ...	MMLIC .....	.....	.....

Asterisk	Explanation
1	Massachusetts Mutual Life Insurance Company owns 14.23% of the affiliated debt of Jefferies Finance LLC
2	Debt investors own .5% and includes only Great Lakes III, L.P.
3	Debt investors own .2% and includes only Great Lakes III, L.P.

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 2 - SUMMARY OF INSURER’S TRANSACTIONS WITH ANY AFFILIATES

1	2	3	4	5	6	7	8	9	10	11	12	13
NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
.....65935	04-1590850	Massachusetts Mutual Life Insurance Company (MMLIC)	1,481,859,486	(3,723,696,395)	(939,395,945)	0	0	0	0	0	(3,181,232,853)	(62,419,191)
.....93432	06-1041383	C.M. Life Insurance Company	(166,578,348)	(21,230,548)	0	0	0	0	0	0	(187,808,896)	23,434,024
.....70416	43-0581430	MML Bay State Life Insurance Company	(23,000,000)	0	0	0	0	0	0	0	(23,000,000)	7,699,803
.....63312	13-1935920	MassMutual Ascend Life Insurance Company	(100,000,000)	1,332,271,543	0	0	0	0	0	0	1,232,271,543	0
.....		Babson CLO Ltd. 2016-I	0	(41,535)	0	0	0	0	0	0	(41,535)	0
.....		Barings Affordable Housing Mortgage Fund I LLC	(3,928,441)	(551,559)	0	0	0	0	0	0	(4,480,000)	0
.....	61-1902329	Barings Affordable Housing Mortgage Fund II LLC	(4,922,290)	(1,129,710)	0	0	0	0	0	0	(6,052,000)	0
.....	85-3036663	Barings Affordable Housing Mortgage Fund III LLC	(2,480,311)	53,914,311	0	0	0	0	0	0	51,434,000	0
.....	36-4868350	Barings Asset-Based Income Fund (US) LP	(13,516)	537,237	0	0	0	0	0	0	523,721	0
.....		Barings California Mortgage Fund IV	(808,777)	55,375,795	0	0	0	0	0	0	54,567,018	0
.....	88-3792609	Barings Centre Street CLO Equity Partnership LP	(2,295,591)	27,250,679	0	0	0	0	0	0	24,955,089	0
.....		Barings CLO 2019-III	0	225,000	0	0	0	0	0	0	225,000	0
.....		Barings CLO 2020-II	0	130,412	0	0	0	0	0	0	130,412	0
.....		Barings CLO 2020-III	0	(25,377,097)	0	0	0	0	0	0	(25,377,097)	0
.....		Barings CLO 2020-IV	0	1,109,376	0	0	0	0	0	0	1,109,376	0
.....		Barings CLO 2021-I	0	(593,542)	0	0	0	0	0	0	(593,542)	0
.....		Barings CLO 2021-III	0	(140,962)	0	0	0	0	0	0	(140,962)	0
.....		Barings CLO 2022-II	0	70,130	0	0	0	0	0	0	70,130	0
.....	81-0841854	Barings CLO Investment Partners LP	(5,353,813)	(16,280,280)	0	0	0	0	0	0	(21,634,093)	0
.....		Barings Construction Lending Fund LP	0	4,400,864	0	0	0	0	0	0	4,400,864	0
.....		Barings Diversified Residential Fund LP	0	9,185,625	0	0	0	0	0	0	9,185,625	0
.....	84-3784245	Barings Emerging Generation Fund, LP	(2,294,016)	2,714,586	0	0	0	0	0	0	420,570	0
.....		Barings Euro CLO 2019-II BV	0	381,979	0	0	0	0	0	0	381,979	0
.....		Barings Euro CLO 2020-I DAC	0	(64,540)	0	0	0	0	0	0	(64,540)	0
.....	37-15576VH	Barings Euro CLO 2021-I DAC	0	(282,452)	0	0	0	0	0	0	(282,452)	0
.....		Barings Euro CLO 2021-II DAC	0	(405,381)	0	0	0	0	0	0	(405,381)	0
.....		Barings European Core Property Fund SCSp	292,806	6,307,803	0	0	0	0	0	0	6,600,609	0
.....	46-5001122	Barings European Private Loan Fund III A	(5,946,839)	210,833	0	0	0	0	0	0	(5,736,006)	0
.....		Barings European Real Estate Debt Income Fund	(10,369,169)	(775,315)	0	0	0	0	0	0	(11,144,484)	0
.....	98-1332384	Barings Global Energy Infrastructure Fund I LP	0	(3,374,110)	0	0	0	0	0	0	(3,374,110)	0
.....	82-3867745	Barings Global Real Assets Fund LP	(298,172)	(5,520,822)	0	0	0	0	0	0	(5,818,994)	0
.....		Barings Global Special Situations Credit 4 LUX	(2,048,439)	(4,764,169)	0	0	0	0	0	0	(6,812,608)	0
.....	87-0977058	Barings Hotel Opportunity Venture	0	4,100,000	0	0	0	0	0	0	4,100,000	0
.....	86-3661023	Barings Innovations & Growth Real Estate Fund	0	17,179,544	0	0	0	0	0	0	17,179,544	0
.....		Barings Loan Partners 5	0	42,850,000	0	0	0	0	0	0	42,850,000	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 2 - SUMMARY OF INSURER'S TRANSACTIONS WITH ANY AFFILIATES

1	2	3	4	5	6	7	8	9	10	11	12	13
NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
		Barings Middle Market CLO 2017-I Ltd & LLC	0	(46,897)	0	0	0	0		0	(46,897)	0
		Barings Middle Market CLO 2019-I	0	1,140,513	0	0	0	0		0	1,140,513	0
	98-1612604	Barings Middle Market CLO Ltd 2021-I	0	(2,699,205)	0	0	0	0		0	(2,699,205)	0
	04-1590850	Barings Miller Investment Trust	0	28,546,321	0	0	0	0		0	28,546,321	0
		Barings Perpetual European Direct Lending Fund	(15,332,286)	15,871,990	0	0	0	0		0	539,704	0
	98-1332384	Barings RE Credit Strategies VII LP	0	(22,053,106)	0	0	0	0		0	(22,053,106)	0
	85-3449260	Barings Real Estate Debt Income Fund LP	(27,086,289)	62,434,911	0	0	0	0		0	35,348,622	0
		Barings Real Estate European Value Add I SCSp	0	36,244,701	0	0	0	0		0	36,244,701	0
		Barings Small Business Fund, L.P.	(1,193,779)	5,000,001	0	0	0	0		0	3,806,222	0
	98-1567942	Barings Target Yield Infrastructure Debt Fund	(163,259)	(6,209,436)	0	0	0	0		0	(6,372,695)	0
	87-1262754	Barings Transportation Fund LP	(152,140)	0	0	0	0	0		0	(152,140)	0
		Barings Umbrella Fund LUX SCSp SICAV RAIF	0	57,733,693	0	0	0	0		0	57,733,693	0
		Barings US High Yield Bond Fund	(115,548)	0	0	0	0	0		0	(115,548)	0
		Braemar Energy Ventures I, L.P.	4,292,985	(4,292,985)	0	0	0	0		0	0	0
	81-2244465	Chassis Acquisition Holding LLC	(1,440,271)	0	0	0	0	0		0	(1,440,271)	0
		CML Special Situations Investor LLC	(186,220)	(264,196)	0	0	0	0		0	(450,416)	0
	82-3307907	Cornbrook PRS Holdings LLC	0	313,350	0	0	0	0		0	313,350	0
	95-4207717	Cornerstone California Mortgage Fund I LLC	(3,680,512)	(1,811,924)	0	0	0	0		0	(5,492,436)	0
	95-4207717	Cornerstone California Mortgage Fund II LLC	(2,823,040)	(955,429)	0	0	0	0		0	(3,778,468)	0
	95-4207717	Cornerstone California Mortgage Fund III LLC	(3,870,112)	(1,797,386)	0	0	0	0		0	(5,667,498)	0
	56-2630592	Cornerstone Fort Pierce Development LLC	0	165,102	0	0	0	0		0	165,102	0
	61-1750537	Cornerstone Permanent Mortgage Fund II	(3,964,879)	(973,121)	0	0	0	0		0	(4,938,000)	0
		Cornerstone Permanent Mortgage Fund III LLC	(4,612,358)	(752,642)	0	0	0	0		0	(5,365,000)	0
	61-1793735	Cornerstone Permanent Mortgage Fund IV	(5,280,441)	(396,559)	0	0	0	0		0	(5,677,000)	0
	45-2632610	Cornerstone Permanent Mortgage Fund LLC	(4,854,397)	(665,603)	0	0	0	0		0	(5,520,000)	0
	81-4258759	CRA Aircraft Holding LLC	(4,142,180)	(8,497,820)	0	0	0	0		0	(12,640,000)	0
	82-2783393	Danville Riverwalk Venture, LLC	0	617,500	0	0	0	0		0	617,500	0
	04-1590850	DPI Acres Capital SPV LLC	201,051	134,630,726	0	0	0	0		0	134,831,777	0
	04-1590850	DPI-ARES Mortgage Lending SPV, LLC	0	300,000,000	0	0	0	0		0	300,000,000	0
		E2E Affordable Housing Debt Fund LLC	0	(601,032)	0	0	0	0		0	(601,032)	0
		Euro Real Estate Holdings Herleshausen LLC	0	14,678,406	0	0	0	0		0	14,678,406	0
	04-1590850	Euro Real Estate Holdings LLC	(7,049,572)	6,395,335	0	0	0	0		0	(654,237)	0
	04-1590850	GIA EU Holdings LLC	0	44,274,543	0	0	0	0		0	44,274,543	0
	86-2294635	Glidepath Holdings Inc.	0	1,134,896,245	0	0	0	0		0	1,134,896,245	0
	71-1018134	Great Lakes II LLC	(21,079)	0	0	0	0	0		0	(21,079)	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 2 - SUMMARY OF INSURER'S TRANSACTIONS WITH ANY AFFILIATES

1	2	3	4	5	6	7	8	9	10	11	12	13
NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
	04-1590850	Insurance Road LLC	(199,000,000)	44,771,333	0	0	0	0		0	(154,228,667)	0
	27-0105644	Jefferies Finance LLC	0	(630,592)	0	0	0	0		0	(630,592)	0
	81-5360103	Landmark Manchester Holdings LLC	0	7,431,007	0	0	0	0		0	7,431,007	0
	45-1618155	MassMutual 20/80 Allocation Fund	(6,949)	0	0	0	0	0		0	(6,949)	0
	45-1618262	MassMutual 40/60 Allocation Fund	(9,042)	0	0	0	0	0		0	(9,042)	0
	45-1618046	MassMutual 60/40 Allocation Fund	(11,946)	0	0	0	0	0		0	(11,946)	0
	04-3212054	MassMutual Balanced Fund	(7,479)	0	0	0	0	0		0	(7,479)	0
	04-3556992	MassMutual Blue Chip Growth Fund	(43,605)	0	0	0	0	0		0	(43,605)	0
	04-3277549	MassMutual Core Bond Fund	(4,469)	0	0	0	0	0		0	(4,469)	0
	04-3539084	MassMutual Disciplined Growth Fund	(24,823)	0	0	0	0	0		0	(24,823)	0
	04-3539083	MassMutual Disciplined Value Fund	(18,225)	0	0	0	0	0		0	(18,225)	0
	01-0821120	MassMutual Diversified Value Fund	(46,992)	0	0	0	0	0		0	(46,992)	0
	04-3512590	MassMutual Equity Opportunities Fund	(17,503)	0	0	0	0	0		0	(17,503)	0
	04-3512589	MassMutual Growth Opportunities Fund	(27,337)	0	0	0	0	0		0	(27,337)	0
	04-2854319	MassMutual Holding LLC	(783,234,460)	(1,781,381)	0	0	0	0		0	(785,015,841)	0
	03-0532475	MassMutual Inflation-Protected and Income Fund	(2,915)	0	0	0	0	0		0	(2,915)	0
	04-3313782	MassMutual International LLC	0	(657,758)	0	0	0	0		0	(657,758)	0
	04-3512596	MassMutual Mid Cap Growth Fund	(20,702)	0	0	0	0	0		0	(20,702)	0
		MassMutual Mortgage Lending LLC	0	15,379,121	0	0	0	0		0	15,379,121	0
	04-3464165	MassMutual Premier Diversified Bond Fund	(5,261)	0	0	0	0	0		0	(5,261)	0
	51-0529328	MassMutual Premier Main Street Fund	(58,077)	0	0	0	0	0		0	(58,077)	0
	26-3229251	MassMutual Premier Strategic Emerging Markets Fund	(119)	0	0	0	0	0		0	(119)	0
	06-1563535	MassMutual Private Wealth & Trust, FSB	(5,000,000)	0	0	0	0	0		0	(5,000,000)	0
	27-1933389	MassMutual RetireSMART 2035 Fund	(7,659)	0	0	0	0	0		0	(7,659)	0
	46-3289207	MassMutual RetireSMART 2055 Fund	(94,217)	0	0	0	0	0		0	(94,217)	0
	47-5326235	MassMutual RetireSMART 2060 Fund	(1,107,557)	0	0	0	0	0		0	(1,107,557)	0
	92-1441036	MassMutual RetireSMART by JPMorgan 2065 Fund	(17,632)	0	0	0	0	0		0	(17,632)	0
	03-0532464	MassMutual RetireSMART In Retirement Fund	(4,982)	0	0	0	0	0		0	(4,982)	0
	45-1618222	MassMutual Select 80/20 Allocation Fund	(13,786)	0	0	0	0	0		0	(13,786)	0
	04-3512593	MASSMUTUAL SELECT FUNDAMENTAL GROWTH FUND	(37,038)	0	0	0	0	0		0	(37,038)	0
	04-3584138	MassMutual Select Fundamental Value Fund	(24,643)	0	0	0	0	0		0	(24,643)	0
	42-1710935	MassMutual Select Mid-Cap Value Fund	(59,698)	0	0	0	0	0		0	(59,698)	0
	04-3557000	MassMutual Select Overseas Fund	(9,020)	0	0	0	0	0		0	(9,020)	0
	04-3584140	MassMutual Select Small Company Value Fund	(7,837)	0	0	0	0	0		0	(7,837)	0
	92-1427882	MassMutual Select T Rowe Price Retirement 2065 Fund	(18,629)	0	0	0	0	0		0	(18,629)	0
	82-3347422	MassMutual Select T. Rowe Price Retirement 2005 Fund	(1,725)	0	0	0	0	0		0	(1,725)	0
	04-3464205	MassMutual Small Cap Growth Equity Fund	(6,151)	0	0	0	0	0		0	(6,151)	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 2 - SUMMARY OF INSURER'S TRANSACTIONS WITH ANY AFFILIATES

1	2	3	4	5	6	7	8	9	10	11	12	13
NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
	04-3424705	MassMutual Small Cap Opportunities Fund	(13,901)	0	0	0	0	0		0	(13,901)	0
	02-0769954	MassMutual Small Cap Value Equity Fund	(24,141)	0	0	0	0	0		0	(24,141)	0
	26-0099965	MassMutual Strategic Bond Fund	(4,118)	0	0	0	0	0		0	(4,118)	0
		MassMutual Ventures US IV GP, LLC	0	74,763	0	0	0	0		0	74,763	0
		MassMutual Ventures US IV, L.P.	0	1,819,882	0	0	0	0		0	1,819,882	0
	04-1590850	Miami Douglas Three MM, LLC	0	1,713,686	0	0	0	0		0	1,713,686	0
	04-1590850	MM 1370 AVE OF AM LLC	0	145,879,995	0	0	0	0		0	145,879,995	0
	04-1590850	MM 1400 E 4th Street Member LLC	0	354,251	0	0	0	0		0	354,251	0
	31-1395344	MM Ascend Life Investor Services, LLC	0	950,000	0	0	0	0		0	950,000	0
	87-4021641	MM BIG Peninsula Co-Invest Member LLC	0	4,227,271	0	0	0	0		0	4,227,271	0
	04-1590850	MM Century Square Member LLC	0	35,843,750	0	0	0	0		0	35,843,750	0
		MM CM Holding LLC	0	(3,000,000)	0	0	0	0		0	(3,000,000)	0
	04-1590850	MM Copper Hill Road LLC	0	1,861,715	0	0	0	0		0	1,861,715	0
	04-1590850	MM Horizon Savannah Member II LLC	0	16,974,170	0	0	0	0		0	16,974,170	0
	04-1590850	MM Horizon Savannah Member LLC	0	29,320,634	0	0	0	0		0	29,320,634	0
		MM INVESTMENT HOLDING	0	0	939,395,945	0	0	0		0	939,395,945	0
	04-1590850	MM Ironhead Commerce Center	0	15,979,931	0	0	0	0		0	15,979,931	0
	04-1590850	MM Kannapolis Industrial Member LLC	0	872,879	0	0	0	0		0	872,879	0
	04-1590850	MM Liberty Centre Member LLC	0	17,138,000	0	0	0	0		0	17,138,000	0
	04-1590850	MM National Self-Storage Program Member LLC	0	22,810,819	0	0	0	0		0	22,810,819	0
	04-1590850	MM Private Equity Intercontinental LLC	(108)	(23,474,427)	0	0	0	0		0	(23,474,535)	0
	04-1590850	MM Rothesay Holdco US LLC	0	514,848	0	0	0	0		0	514,848	0
	04-1590850	MM Sedona Vortex Investor LLC	0	12,844,932	0	0	0	0		0	12,844,932	0
	04-1590850	MM Subline Borrower LLC	(225,700)	0	0	0	0	0		0	(225,700)	0
		MM The Gilman Member LLC	0	8,410,231	0	0	0	0		0	8,410,231	0
		MM/Barings Multifamily TEBS 2020 LLC	(22,489,000)	(19,514,719)	0	0	0	0		0	(42,003,719)	0
		MML Investment Advisers, LLC	(45,494,480)	0	0	0	0	0		0	(45,494,480)	0
	04-1590850	MML Private Equity Fund Investor LLC	(5,415,703)	(20,863,539)	0	0	0	0		0	(26,279,243)	0
	45-1618222	MML SER INVT FD II ISHARES 80/20 ALLOCATION FD	(2,197,010)	0	0	0	0	0		0	(2,197,010)	0
	46-4257056	MML Series International Equity Fund	(6,529)	0	0	0	0	0		0	(6,529)	0
	04-1590850	MMV Climate Technology Fund GP	0	4,930,200	0	0	0	0		0	4,930,200	0
	80-0948028	One Harbor Shore LLC	0	37,155,245	0	0	0	0		0	37,155,245	0
	04-1590850	Paco France Logistics LLC	0	890,117	0	0	0	0		0	890,117	0
	81-4065378	Remington L & W Holdings LLC	(3,013,938)	(4,196,576)	0	0	0	0		0	(7,210,514)	0
		Rothesay Life Plc	0	0	0	0	0	0		0	0	31,285,364
		Sleeper Street LLC	0	33,687,909	0	0	0	0		0	33,687,909	0
	47-5322979	Timberland Forest Holding LLC	0	(296,000)	0	0	0	0		0	(296,000)	0
	41-2280129	Tower Square Capital Partners IIIA, L.P.	0	(544,472)	0	0	0	0		0	(544,472)	0
	04-1590850	Trailside MM Member II LLC	0	11,506,468	0	0	0	0		0	11,506,468	0
	04-1590850	Trailside MM Member LLC	0	(1,502,810)	0	0	0	0		0	(1,502,810)	0
	82-3250684	Unna, Dortmund Holding LLC	(296,117)	40,401	0	0	0	0		0	(255,716)	0
	45-5401109	Washington Gateway Apartments Venture LLC	0	3,678,529	0	0	0	0		0	3,678,529	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 2 - SUMMARY OF INSURER’S TRANSACTIONS WITH ANY AFFILIATES

1	2	3	4	5	6	7	8	9	10	11	12	13
NAIC Company Code	ID Number	Names of Insurers and Parent, Subsidiaries or Affiliates	Shareholder Dividends	Capital Contributions	Purchases, Sales or Exchanges of Loans, Securities, Real Estate, Mortgage Loans or Other Investments	Income/ (Disbursements) Incurred in Connection with Guarantees or Undertakings for the Benefit of any Affiliate(s)	Management Agreements and Service Contracts	Income/ (Disbursements) Incurred Under Reinsurance Agreements	*	Any Other Material Activity Not in the Ordinary Course of the Insurer's Business	Totals	Reinsurance Recoverable/ (Payable) on Losses and/or Reserve Credit Taken/(Liability)
.....	32-0574045	Washington Gateway Three LLC	0	265,174	0	0	0	0	.....	.....0	265,174	0
.....	83-1325764	Washington Gateway Two LLC	0	(6,418,441)	0	0	0	0	.....	.....0	(6,418,441)	0
.....	04-1590850	Washington Pine LLC	0	56,749,106	0	0	0	0	.....	.....0	56,749,106	0
.....	88-3861481	West 37th Street Hotel LLC	(2,209,023)	3,891,049	0	0	0	0	.....	.....0	1,682,026	0
9999999	Control Totals		0	0	0	0	0	0	XXX	0	0	0

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE Y

PART 3 - ULTIMATE CONTROLLING PARTY AND LISTING OF OTHER U.S. INSURANCE GROUPS OR ENTITIES UNDER THAT ULTIMATE CONTROLLING PARTY'S CONTROL

[illegible]

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

REQUIRED FILINGS

The following supplemental reports are required to be filed as part of your statement filing unless specifically waived by the domiciliary state. However, in the event that your domiciliary state waives the filing requirement, your response of WAIVED 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.

	Responses
MARCH FILING	
1. Will the Supplemental Compensation Exhibit be filed with the state of domicile by March 1?	YES
2. Will the confidential Risk-based Capital Report be filed with the NAIC by March 1?	YES
3. Will the confidential Risk-based Capital Report be filed with the state of domicile, if required, by March 1?	YES
4. Will an actuarial opinion be filed by March 1?	YES
APRIL FILING	
5. Will Management’s Discussion and Analysis be filed by April 1?	YES
6. Will the Life, Health & Annuity Guaranty Association Assessable Premium Exhibit - Parts 1 and 2 be filed with the state of domicile and the NAIC by April 1? (Not applicable to fraternal benefit societies)	YES
7. Will the Supplemental Investment Risks Interrogatories be filed by April 1?	YES
JUNE FILING	
8. Will an audited financial report be filed by June 1?	YES
9. Will Accountant’s Letter of Qualifications be filed with the state of domicile and electronically with the NAIC by June 1?	YES

SUPPLEMENTAL FILINGS

The following supplemental reports are required to be filed as part of your annual statement filing if your company is engaged in the type of business covered by the supplement. 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.

MARCH FILING	
10. Will Schedule SIS (Stockholder Information Supplement) be filed with the state of domicile by March 1? (Not applicable to fraternal benefit societies) ..	NO
11. Will the Medicare Supplement Insurance Experience Exhibit be filed with the state of domicile and the NAIC by March 1?	YES
12. Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC by March 1?	NO
13. Will the actuarial opinion on participating and non-participating policies as required in Interrogatories 1 and 2 to Exhibit 5 be filed with the state of domicile and electronically with the NAIC by March 1?	YES
14. Will the actuarial opinion on non-guaranteed elements as required in interrogatory #3 to Exhibit 5 be filed with the state of domicile and electronically with the NAIC by March 1?	YES
15. Will the actuarial opinion on X-Factors be filed with the state of domicile and electronically with the NAIC by March 1?	YES
16. Will the actuarial opinion on Separate Accounts Funding Guaranteed Minimum Benefit be filed with the state of domicile and electronically with the NAIC by March 1?	NO
17. Will the actuarial opinion on Synthetic Guaranteed Investment Contracts be filed with the state of domicile and electronically with the NAIC by March 1?	NO
18. Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC by March 1?	NO
19. 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 by March 1?	YES
20. 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 by March 1?	NO
21. 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 by March 1?	NO
22. 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 by March 1?	NO
23. Will the C-3 RBC Certifications required under C-3 Phase I be filed with the state of domicile and electronically with the NAIC by March 1?	YES
24. Will the C-3 RBC Certifications required under C-3 Phase II be filed with the state of domicile and electronically with the NAIC by March 1?	YES
25. Will the Actuarial Certifications Related to Annuity Nonforfeiture Ongoing Compliance for Equity Indexed Annuities be filed with the state of domicile and electronically with the NAIC by March 1?	NO

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

26.	Will the actuarial opinion required by the Modified Guaranteed Annuity Model Regulation be filed with the state of domicile and electronically with the NAIC by March 1?	NO
27.	Will the Actuarial Certification regarding the use of 2001 Preferred Class Tables required by the Model Regulation Permitting the Recognition of Preferred Mortality Tables for Use in Determining Minimum Reserve Liabilities be filed with the state of domicile and electronically with the NAIC by March 1?	NO
28.	Will the Worker's Compensation Carve-Out Supplement be filed by March 1? (Not applicable to fraternal benefit societies)	NO
29.	Will Supplemental Schedule O be filed with the state of domicile and the NAIC by March 1?	YES
30.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC by March 1?	NO
31.	Will an approval from the reporting entity's state of domicile for relief related to the five-year rotation requirement for lead audit partner be filed electronically with the NAIC by March 1?	NO
32.	Will an approval from the reporting entity's state of domicile for relief related to the one-year cooling off period for independent CPA be filed electronically with the NAIC by March 1?	NO
33.	Will an approval from the reporting entity's state of domicile for relief related to the Requirements for Audit Committees be filed electronically with the NAIC by March 1?	NO
34.	Will the VM-20 Reserves Supplement be filed with the state of domicile and the NAIC by March 1?	YES
35.	Will the Health Supplement be filed with the state of domicile and the NAIC by March 1?	YES
36.	Will the Market Conduct Annual Statement (MCAS) Premium Exhibit for Year be filed with appropriate jurisdictions and with the NAIC by March 1?	YES

APRIL FILING

37.	Will the confidential Regulatory Asset Adequacy Issues Summary (RAAIS) required by the Valuation Manual be filed with the state of domicile by April 1?	YES
38.	Will the Long-Term Care Experience Reporting Forms be filed with the state of domicile and the NAIC by April 1?	YES
39.	Will the Credit Insurance Experience Exhibit be filed with the state of domicile and the NAIC by April 1? (Not applicable to fraternal benefit societies) ..	NO
40.	Will the Accident and Health Policy Experience Exhibit be filed by April 1?	YES
41.	Will the Supplemental Health Care Exhibit (Parts 1 and 2) be filed with the state of domicile and the NAIC by April 1?	NO
42.	Will the confidential Actuarial Memorandum required by Actuarial Guideline XXXVIII 8D be filed with the state of domicile by April 30?	NO
43.	Will the Supplemental Term and Universal Life Insurance Reinsurance Exhibit be filed with the state of domicile and the NAIC by April 1?	YES
44.	Will the Variable Annuities Supplement be filed with the state of domicile and the NAIC by April 1?	YES
45.	Will the confidential Executive Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?	YES
46.	Will the confidential Life Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?	NO
47.	Will the confidential Variable Annuities Summary of the PBR Actuarial Report be filed with the state of domicile by April 1?	YES

AUGUST FILING

48.	Will Management's Report of Internal Control Over Financial Reporting be filed with the state of domicile by August 1?	YES
Explanations:		
10.	The data for this supplement is not required to be filed.	
12.	The data for this supplement is not required to be filed.	
16.	The data for this supplement is not required to be filed.	
17.	The data for this supplement is not required to be filed.	
18.	The data for this supplement is not required to be filed.	
20.	The data for this supplement is not required to be filed.	
21.	The data for this supplement is not required to be filed.	
22.	The data for this supplement is not required to be filed.	
25.	The data for this supplement is not required to be filed.	
26.	The data for this supplement is not required to be filed.	
27.	The data for this supplement is not required to be filed.	
28.	The data for this supplement is not required to be filed.	
30.	The data for this supplement is not required to be filed.	
31.	The data for this supplement is not required to be filed.	
32.	The data for this supplement is not required to be filed.	
33.	The data for this supplement is not required to be filed.	
39.	The data for this supplement is not required to be filed.	
41.	The data for this supplement is not required to be filed.	
42.	The data for this supplement is not required to be filed.	
46.	The data for this supplement is not required to be filed.	

Bar Codes:

10.	SIS Stockholder Information Supplement [Document Identifier 420]
-----	--



12.	Trusted Surplus Statement [Document Identifier 490]
-----	---



16.	Actuarial Opinion on Separate Accounts Funding Guaranteed Minimum Benefit [Document Identifier 443]
-----	---



17.	Actuarial Opinion on Synthetic Guaranteed Investment Contracts [Document Identifier 444]
-----	--



18.	Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]
-----	--



20.	Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]
-----	--



21.	Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]
-----	---



22.	Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]
-----	--



25.	Actuarial Certifications Related to Annuity Nonforfeiture Ongoing Compliance for Equity Indexed Annuities [Document Identifier 452]
-----	---



26.	Modified Guaranteed Annuity Model Regulation [Document Identifier 453]
-----	--



27.	Actuarial Certification regarding the use of 2001 Preferred Class Tables required by the Model Regulation Permitting the Recognition of Preferred Mortality Tables for Use in Determining Minimum Reserve Liabilities [Document Identifier 454]
-----	---



28.	Workers' Compensation Carve-Out Supplement [Document Identifier 495]
-----	--



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

30. Medicare Part D Coverage Supplement [Document Identifier 365]



31. Relief from the five-year rotation requirement for lead audit partner [Document Identifier 224]



32. Relief from the one-year cooling off period for independent CPA [Document Identifier 225]



33. Relief from the Requirements for Audit Committees [Document Identifier 226]



39. Credit Insurance Experience Exhibit [Document Identifier 230]



41. Supplemental Health Care Exhibit (Parts 1 and 2) [Document Identifier 216]



42. Actuarial Memorandum Required by Actuarial Guideline XXXVIII 8D [Document Identifier 435]



46. Life Summary of the PBR Actuarial Report [Document Identifier 458]



ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Assets Line11

	Current Year			Prior Year
	1	2	3	4
	Assets	Nonadmitted Assets	Net Admitted Assets (Cols. 1 - 2)	Net Admitted Assets
1104. ....	.....	.....	.....0	.....
1105. ....	.....	.....	.....0	.....
1197. Summary of remaining write-ins for Line 11 from overflow page	0	0	0	0

Additional Write-ins for Assets Line 25

	Current Year			Prior Year
	1	2	3	4
	Assets	Nonadmitted Assets	Net Admitted Assets (Cols. 1 - 2)	Net Admitted Assets
2504. ....	.....	.....	.....0	.....
2505. Accounts receivable	25,309,759	7,031,905	18,277,854	6,495,920
2597. Summary of remaining write-ins for Line 25 from overflow page	25,309,759	7,031,905	18,277,854	6,495,920

Additional Write-ins for Summary of Operations Line 8.3

	1	2
	Current Year	Prior Year
08.304. Miscellaneous income	2,356,664	54,818
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	2,356,664	54,818

ANNUAL STATEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Analysis of Operations - Summary Line 8.3

	1	2	3	4	5	6	7	8	9
	Total	Individual Life	Group Life	Individual Annuities	Group Annuities	Accident and Health	Fraternal	Other Lines of Business	YRT Mortality Risk Only
08.304. Miscellaneous income	2,356,662			2,272,413	84,249				
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	2,356,662	0	0	2,272,413	84,249	0	0	0	0

Additional Write-ins for Analysis of Operations - Individual Annuities Line 8.3

	1	Deferred				6	7
		2	3	4	5		
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities Without Guarantees	Life Contingent Payout (Immediate and Annuitizations)	Other Annuities
08.304. Miscellaneous income	2,272,413	862,099	1,394,007			16,307	
08.305. Adjustment to IMR for reinsurance	0						
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	2,272,413	862,099	1,394,007	0	0	16,307	0

Additional Write-ins for Analysis of Operations - Group Annuities Line 8.3

	1	Deferred				6	7
		2	3	4	5		
	Total	Fixed Annuities	Indexed Annuities	Variable Annuities with Guarantees	Variable Annuities Without Guarantees	Life Contingent Payout (Immediate and Annuitizations)	Other Annuities
08.304. Miscellaneous income	84,249	22,727				61,522	
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	84,249	22,727	0	0	0	61,522	0



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Alabama.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPD0001	D.....	NO.....	0034000	03/11/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	5,151	5,537	107.5	1	0	0	0.0	0
.....YES.....	1MSPF0001	F.....	NO.....	0034000	03/11/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	5,964	4,388	73.6	1	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	03/11/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	6,012	5,699	94.8	1	0	0	0.0	0
0199999. Total Experience on Individual Policies										17,127	15,625	91.2	3	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Colorado.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPF0001	F.....	NO.....	0034060	12/24/2007 ..	.....	.....	...05/31/2010 ..	MEDICARE SUPPLEMENT	5,376	1,295	24.1	1	0	0	0.0	0
0199999. Total Experience on Individual Policies										5,376	1,295	24.1	1	0	0	0.0	0
.....																	
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.
2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).
3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Florida.....
NAIC Group Code 0435..... NAIC Company Code 63312.....
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202.....
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
YES.....	1MSPC0001	C.....	NO.....	0034060	10/19/2006	10/16/2009			MEDICARE SUPPLEMENT	8,465	2,179	25.7	2	0	0	0.0	0
YES.....	1MSPD0001	D.....	NO.....	0034060	10/19/2006	10/16/2009			MEDICARE SUPPLEMENT	73,011	102,241	140.0	23	0	0	0.0	0
YES.....	1MSPF0001	F.....	NO.....	0034060	10/19/2006	10/16/2009			MEDICARE SUPPLEMENT	105,631	98,732	93.5	30	0	0	0.0	0
YES.....	1MSPG0001	G.....	NO.....	0034060	10/19/2006	10/16/2009			MEDICARE SUPPLEMENT	48,775	53,725	110.1	16	0	0	0.0	0
0199999. Total Experience on Individual Policies										235,883	256,877	108.9	71	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Georgia.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPD0001	D.....	NO.....	0034060	02/25/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	4,785	936	19.6	1	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034060	02/25/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	9,535	3,909	41.0	2	0	0	0.0	0
0199999. Total Experience on Individual Policies										14,320	4,845	33.8	3	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Illinois.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPF0001	F.....	NO.....	0034060	02/09/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	28,028	13,018	46.4	4	0	0	0.0	0
0199999. Total Experience on Individual Policies										28,028	13,018	46.4	4	0	0	0.0	0
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.
2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).
3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Indiana.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPD0001	D.....	NO.....	0034000	12/14/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	32,060	18,287	57.0	8	0	0	0.0	0
.....YES.....	1MSPF0001	F.....	NO.....	0034000	12/14/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	73,206	70,077	95.7	16	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	12/14/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	17,781	5,749	32.3	4	0	0	0.0	0
0199999. Total Experience on Individual Policies										123,046	94,113	76.5	28	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Iowa.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPF0001	F.....	NO.....	0034000	02/24/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	94,485	94,093	99.6	13	0	0	0.0	0
0199999. Total Experience on Individual Policies										94,485	94,093	99.6	13	0	0	0.0	0
.....																	
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.
2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).
3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".

360.KS



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Kansas.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034060	12/19/2007 ..	.....	.....	...05/31/2010 ..	MEDICARE SUPPLEMENT	52,714	24,235	46.0	7	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034060	12/19/2007 ..	.....	.....	...05/31/2010 ..	MEDICARE SUPPLEMENT	18,347	23,006	125.4	3	0	0	0.0	0
0199999. Total Experience on Individual Policies										71,061	47,241	66.5	10	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Kentucky.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024				
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives	
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned		
.....YES.....	1MSPD0001	D.....	NO.....	0034060	02/26/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	1,174	508	43.3	0	0	0	0.0	0	
.....YES.....	1MSPF0001	F.....	NO.....	0034060	02/26/2004			05/31/2010	MEDICARE SUPPLEMENT	106,473	112,660	105.8	13	0	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034060	02/26/2004			05/31/2010	MEDICARE SUPPLEMENT	15,086	3,788	25.1	3	0	0	0	0.0	0
0199999. Total Experience on Individual Policies										122,733	116,956	95.3	16	0	0	0.0	0	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Michigan.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
.....
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.
2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).
3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".
.....



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Missouri.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPF0001	F.....	NO.....	0034060	10/22/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	47,924	36,230	75.6	12	0	0	0.0	0
0199999. Total Experience on Individual Policies										47,924	36,230	75.6	12	0	0	0.0	0
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.
2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).
3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Nebraska.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12	13			16	17	
										Amount	Percent of Premiums Earned	Amount	Percent of Premiums Earned				
YES.....	1MSPF0001	F.....	NO.....	0034000	10/18/2007 ..			05/31/2010 ..	MEDICARE SUPPLEMENT	11,626	3,267	28.1	2	0	0	0.0	0
YES.....	1MSPG0001	G.....	NO.....	0034000	10/18/2007 ..			05/31/2010 ..	MEDICARE SUPPLEMENT	12	(334)	(2,813.9)	0	0	0	0.0	0
0199999. Total Experience on Individual Policies										11,638	2,933	25.2	2	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Nevada.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPG0001	G.....	NO.....	0034000	09/26/2008 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	7,005.....	519.....	7.4.....	1.....	0.....	0.....	0.0.....	0.....
0199999. Total Experience on Individual Policies										7,005.....	519.....	7.4.....	1.....	0.....	0.....	0.0.....	0.....
.....																	
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".

360.NH



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF New Hampshire.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPD0001	D.....	NO.....	0034060	12/06/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	4,656	3,506	75.3	1	0	0	0.0	0
.....YES.....	1MSPF0001	F.....	NO.....	0034060	12/06/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	10,748	4,824	44.9	2	0	0	0.0	0
0199999. Total Experience on Individual Policies										15,404	8,330	54.1	3	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF North Carolina.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034060	02/26/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	142,469	87,338	61.3	19	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	02/26/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	45,920	13,575	29.6	7	0	0	0.0	0
0199999. Total Experience on Individual Policies										188,389	100,913	53.6	26	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Ohio.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
YES.....	1MSPC0001	C.....	NO.....	0034000	01/23/2004			05/31/2010	MEDICARE SUPPLEMENT	7,581	1,264	16.7	1	0	0	0.0	0
YES.....	1MSPD0001	D.....	NO.....	0034000	01/23/2004			05/31/2010	MEDICARE SUPPLEMENT	20,525	2,007	9.8	3	0	0	0.0	0
YES.....	1MSPF0001	F.....	NO.....	0034000	01/23/2004			05/31/2010	MEDICARE SUPPLEMENT	27,172	12,309	45.3	4	0	0	0.0	0
YES.....	1MSPG0001	G.....	NO.....	0034000	01/23/2004			05/31/2010	MEDICARE SUPPLEMENT	21	(546)	(2,645.9)	0	0	0	0.0	0
0199999. Total Experience on Individual Policies										55,298	15,033	27.2	8	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Oklahoma.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034000	04/26/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	65,333	34,551	52.9	9	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	04/26/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	14,228	15,829	111.3	3	0	0	0.0	0
0199999. Total Experience on Individual Policies										79,560	50,380	63.3	12	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Oregon.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
YES.....	1MSPF0001	F.....	NO.....	0034060	01/09/2008			05/31/2010	MEDICARE SUPPLEMENT	13,252	6,885	52.0	2	0	0	0.0	0
0199999. Total Experience on Individual Policies										13,252	6,885	52.0	2	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Pennsylvania.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPD0001	D.....	NO.....	0034060	09/30/2008 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	3,072	356	11.6	1	0	0	0.0	0
.....YES.....	1MSPF0001	F.....	NO.....	0034060	09/30/2008 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	6,979	14,208	203.6	2	0	0	0.0	0
0199999. Total Experience on Individual Policies										10,051	14,563	144.9	3	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF South Carolina.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12	13			16	17	
										Amount	Percent of Premiums Earned	Amount	Percent of Premiums Earned				
.....YES.....	1MSPF0001	F.....	NO.....	0034000	02/18/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	82,195	66,622	81.1	11	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	02/18/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	93,576	42,969	45.9	15	0	0	0.0	0
0199999. Total Experience on Individual Policies										175,771	109,591	62.3	26	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Tennessee.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034060	02/13/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	62,100	28,240	45.5	9	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034060	02/13/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	10,665	8,067	75.6	2	0	0	0.0	0
0199999. Total Experience on Individual Policies										72,765	36,307	49.9	11	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".

360.TX



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Texas.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSPA0001	A.....	NO.....	0034060	01/09/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	6,973	5,152	73.9	2	0	0	0.0	0
.....YES.....	1MSPF0001	F.....	NO.....	0034000	01/09/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	56,776	20,812	36.7	8	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	01/09/2004 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	25,703	13,724	53.4	4	0	0	0.0	0
0199999. Total Experience on Individual Policies										89,453	39,689	44.4	14	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".

360.UT



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Utah.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034000	01/24/2008 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	23,026	11,715	50.9	4	0	0	0.0	0
.....YES.....	1MSPG0001	G.....	NO.....	0034000	01/24/2008 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	15,387	2,368	15.4	3	0	0	0.0	0
0199999. Total Experience on Individual Policies										38,413	14,083	36.7	7	0	0	0.0	0

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Virginia.....
NAIC Group Code 0435..... NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034000	02/04/2009 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	20,686	6,048	29.2	3	0	0	0.0	0
0199999. Total Experience on Individual Policies										20,686	6,048	29.2	3	0	0	0.0	0
.....																	
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.
2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).
3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717
3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF West Virginia.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1	2	3	4	5	6	7	8	9	10	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11	Incurred Claims		14	15	Incurred Claims		18
											12	13			16	17	
Compliance with OBRA	Policy Form Number	Standardized Medicare Supplement Benefit Plan	Medicare Select	Plan Characteristics	Date Approved	Date Approval Withdrawn	Date Last Amended	Date Closed	Policy Marketing Trade Name	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives	Premiums Earned	Amount	Percent of Premiums Earned	Number of Covered Lives
.....YES.....	1MSPF0001	F.....	NO.....	0034000	10/29/2007 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	6,121.....	497.....	8.1.....	1.....	0.....	0.....	0.0.....	0.....
0199999. Total Experience on Individual Policies										6,121.....	497.....	8.1.....	1.....	0.....	0.....	0.0.....	0.....
.....																	
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MEDICARE SUPPLEMENT INSURANCE EXPERIENCE EXHIBIT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF Wisconsin.....
NAIC Group Code 0435 NAIC Company Code 63312
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
Person Completing This Exhibit
Title Telephone Number

1 Compliance with OBRA	2 Policy Form Number	3 Standardized Medicare Supplement Benefit Plan	4 Medicare Select	5 Plan Character- istics	6 Date Approved	7 Date Approval Withdrawn	8 Date Last Amended	9 Date Closed	10 Policy Marketing Trade Name	Policies Issued Through 2021				Policies Issued in 2022; 2023; 2024			
										11 Premiums Earned	Incurred Claims		14 Number of Covered Lives	15 Premiums Earned	Incurred Claims		18 Number of Covered Lives
											12 Amount	13 Percent of Premiums Earned			16 Amount	17 Percent of Premiums Earned	
.....YES.....	1MSP-WI	0.....	NO.....	0034060	03/30/2009 .....	.....	.....	.....05/31/2010	MEDICARE SUPPLEMENT	46,449	55,104	118.6	7	0	0	0.0	0
0199999. Total Experience on Individual Policies										46,449	55,104	118.6	7	0	0	0.0	0
.....																	
.....																	

GENERAL INTERROGATORIES

1. If response in Column 1 is no, give full and complete details
2. Claims address and contact person provided to the Secretary of Health and Human Services as required by 42 U.S.C. 1395ss(c)(3)(E) for this state.

2.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

2.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
3. Billing address and contact person for user fees established under 41 U.S.C. 1395u(h)(3)(B).

3.1 Address: 11200 Lakeline Blvd Suite 100 Austin , TX 78717

3.2 Contact Person and Phone Number: David Brosig 186-645-9427-2
4. Explain any policies identified above as policy type "O".

VM-20 Reserves Supplement - Part 1A

N O N E

VM-20 Reserves Supplement - Part 1B

N O N E

SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

VM-20 RESERVES SUPPLEMENT – PART 2

Life PBR Exemption
For The Year Ended December 31, 2024
(To Be Filed by March 1)

Life PBR Exemption as defined in the NAIC adopted Valuation Manual (VM)	
1.	Has the company been allowed a Life PBR Exemption from the reserve requirements of VM-20 of the Valuation Manual by their state of domicile? Yes [X] No []
2.	If the response to Question 1 is "Yes", then check the source of the "Life PBR Exemption" definition? (Check either 2.1, 2.2 or 2.3)
	2.1 NAIC Adopted VM [X]
	2.2 State Statute (SVL) [] Complete items "a" and "b" as appropriate.
	a. Is the criteria in the State Statute (SVL) different from the NAIC adopted VM? Yes [] No []
	b. If the answer to "a" above is "Yes", provide the criteria the state has used to allow the Life PBR Exemption (e.g., Group/Legal Entity criteria) and the minimum reserve requirements that are required by the state of domicile (if the minimum reserve requirements are the same as the Adopted VM, write SAME AS NAIC VM):
2.3	State Regulation [] Complete items "a" and "b" as appropriate.
	a. Is the criteria in the State Regulation different from the NAIC adopted VM? Yes [] No []
	b. If the answer to "a" above is "Yes", provide the criteria of the state's Life PBR Exemption that the company has met and the minimum reserve requirements that are required by the state of domicile (if the minimum reserve requirements are the same as the Adopted VM, write SAME AS NAIC VM):
3.	If the criteria for the "Life PBR Exemption" is the same as or substantially similar to the NAIC adopted VM (i.e., Question 2.1 is checked or Question 2.2.a is "No" or Question 2.3.a is "No"), then provide the most recent year that the company filed a statement of exemption that was allowed. If such calendar year is not the current calendar year for this statement, also provide confirmation that the company meets the criteria for utilizing an ongoing statement of exemption, meaning that none of the following apply: 1) the company fails to meet either of the conditions in VM Section II, Subsection 1.G.2, 2) the policies exempted contain those in VM Section II, Subsection 1.G.3, or 3) the domiciliary commissioner contacted the company prior to Sept. 1 and notified them that the statement of exemption was not allowed: 2022. The company confirms that it meets the criteria for utilizing an ongoing statement of exemption.

VM-20 RESERVES SUPPLEMENT – PART 3

Other Exclusions from Life PBR
For The Year Ended December 31, 2024
(To Be Filed by March 1)

1A.	Has the company filed and been granted a Single State Exemption from the reserve requirements of VM-20 of the Valuation Manual by their state of domicile? Yes [] No [X]
1B.	If the answer to question 1A is "Yes" please discuss any business not covered under the Single State Exemption.
2A.	If the answer to question 1A is "Yes", does the company have risks for policies issued outside its state of domicile? Yes [] No []
2B.	If the answer to question 2A is "Yes" please discuss the risks for policies issued outside the state of domicile, how those risks came to be a responsibility of the company, and why the company would still be considered a Single State Company with such risks.
3.	Is all of the company's individual ordinary life insurance business excluded from the requirements of VM-20 pursuant to Section II.B of the Valuation Manual? Yes [X] No []



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE O SUPPLEMENT

For The Year Ended December 31, 2024
(To Be Filed by March 1)

Of The MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
NAIC Group Code 0435 NAIC Company Code 63312 Employer's Identification Number (FEIN) 13-1935920

SUPPLEMENTAL SCHEDULE O - PART 1

Development of Incurred Losses
(\$000 Omitted)

Section A - Group Accident and Health

Years in Which Losses Were Incurred		Cumulative Net Amounts Paid Policyholders				
		1 2020	2 2021	3 2022	4 2023	5 2024(a)
1.	Prior	0	0	0	0	
2.	2020	5	0			
3.	2021	XXX	(5)			
4.	2022	XXX	XXX			
5.	2023	XXX	XXX	XXX		
6.	2024	XXX	XXX	XXX	XXX	

Section B - Other Accident and Health

1.	Prior	3,574	8,874	8,790	10,417	11,973
2.	2020	294	1,158	1,742	2,066	2,243
3.	2021	XXX	413	1,160	1,878	2,578
4.	2022	XXX	XXX	173	931	1,425
5.	2023	XXX	XXX	XXX	638	1,865
6.	2024	XXX	XXX	XXX	XXX	760

Section C - Credit Accident and Health

1.	Prior					
2.	2020					
3.	2021	XXX				
4.	2022	XXX	X			
5.	2023	XXX	XX	XXX		
6.	2024	XXX	XX	XXX	XXX	

Section D -

1.	Prior					
2.	2020					
3.	2021	XXX				
4.	2022	XXX	X			
5.	2023	XXX	XX	XXX		
6.	2024	XXX	XX	XXX	XXX	

Section E -

1.	Prior					
2.	2020					
3.	2021	XXX				
4.	2022	XXX	X			
5.	2023	XXX	XX	XXX		
6.	2024	XXX	XX	XXX	XXX	

Section F -

1.	Prior					
2.	2020					
3.	2021	XXX				
4.	2022	XXX	X			
5.	2023	XXX	XX	XXX		
6.	2024	XXX	XX	XXX	XXX	

Section G -

1.	Prior					
2.	2020					
3.	2021	XXX				
4.	2022	XXX	X			
5.	2023	XXX	XX	XXX		
6.	2024	XXX	XX	XXX	XXX	

(a) See the Annual Audited Financial Reports section of the annual statement instructions.

SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE O SUPPLEMENT

SUPPLEMENTAL SCHEDULE O - PART 2

Development of Incurred Losses
(\$000 Omitted)

Section A - Group Accident and Health

Years in Which Losses Were Incurred		Net Amounts Paid for Cost Containment Expenses				
		1 2020	2 2021	3 2022	4 2023	5 2024
1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

Section B - Other Accident and Health

1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

Section C - Credit Accident and Health

1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

Section D -

1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

Section E -

1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

Section F -

1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

Section G -

1.	Prior	NONE				
2.	2020					
3.	2021					
4.	2022					
5.	2023					
6.	2024					

SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE O SUPPLEMENT

SUPPLEMENTAL SCHEDULE O - PART 3

Development of Incurred Losses
(\$000 Omitted)

Section A - Group Accident and Health

Years in Which Losses Were Incurred		Sum of Net Cumulative Amount Paid Policyholders and Claim Liability and Reserve Outstanding at End of Year				
		1 2020	2 2021	3 2022	4 2023	5 2024
1.	2020	854	0	0	.XXX	.XXX
2.	2021	.XXX	(4)	0	0	.XXX
3.	2022	.XXX	.XXX	2	0	0
4.	2023	.XXX	.XXX	.XXX	3	0
5.	2024	.XXX	.XXX	.XXX	.XXX	4

Section B - Other Accident and Health

1.	2020	3,082	2,921	2,548	.XXX	.XXX
2.	2021	.XXX	3,684	2,950	3,785	.XXX
3.	2022	.XXX	.XXX	4,150	2,796	2,785
4.	2023	.XXX	.XXX	.XXX	5,392	5,095
5.	2024	.XXX	.XXX	.XXX	.XXX	6,955

Section C - Credit Accident and Health

1.	2020				.XXX	.XXX
2.	2021	.XXX				.XXX
3.	2022	.XXX				
4.	2023	.XXX	.XX	.XXX		
5.	2024	.XXX	.XX	.XXX	.XXX	

NONE

Section D -

1.	2020				.XXX	.XXX
2.	2021	.XXX				.XXX
3.	2022	.XXX				
4.	2023	.XX	.XX	.XXX		
5.	2024	.XXX	.XX	.XXX	.XXX	

NONE

Section E -

1.	2020				.XXX	.XXX
2.	2021	.XXX				.XXX
3.	2022	.XXX				
4.	2023	.XX	.XX	.XXX		
5.	2024	.XXX	.XX	.XXX	.XXX	

NONE

Section F -

1.	2020				.XXX	.XXX
2.	2021	.XXX				.XXX
3.	2022	.XXX				
4.	2023	.XX	.XX	.XXX		
5.	2024	.XXX	.XX	.XXX	.XXX	

NONE

Section G -

1.	2020				.XXX	.XXX
2.	2021	.XXX				.XXX
3.	2022	.XXX				
4.	2023	.XX	.XX	.XXX		
5.	2024	.XXX	.XX	.XXX	.XXX	

NONE

SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

SCHEDULE O SUPPLEMENT

SUPPLEMENTAL SCHEDULE O - PART 4

Development of Incurred Losses
(\$000 Omitted)

Section A - Group Accident and Health

Years in Which Losses Were Incurred		Sum of Net Cumulative Amount Paid Policyholders, Cost Containment Expenses, and Claim and Cost Containment Liability and Reserve Outstanding at End of Year				
		1 2020	2 2021	3	4 2023	5 2024
1.	2020	NONE				
2.	2021					
3.	2022					
4.	2023					
5.	2024					

Section B - Other Accident and Health

1.	2020					
2.	2021	XXX				
3.	2022	XXX				
4.	2023	XXX	XX	XXX		
5.	2024	XXX	XX	XXX	XXX	

Section C - Credit Accident and Health

1.	2020					
2.	2021	XXX				
3.	2022	XXX				
4.	2023	XXX	XX	XXX		
5.	2024	XXX	XX	XXX	XXX	

Section D -

1.	2020					
2.	2021	XXX				
3.	2022	XXX				
4.	2023	XXX	XX	XXX		
5.	2024	XXX	XX	XXX	XXX	

Section E -

1.	2020					
2.	2021	XXX				
3.	2022	XXX				
4.	2023	XXX	XX	XXX		
5.	2024	XXX	XX	XXX	XXX	

Section F -

1.	2020					
2.	2021	XXX				
3.	2022	XXX				
4.	2023	XXX	XX	XXX		
5.	2024	XXX	XX	XXX	XXX	

Section G -

1.	2020					
2.	2021	XXX				
3.	2022	XXX				
4.	2023	XXX	XX	XXX		
5.	2024	XXX	XX	XXX	XXX	

SUPPLEMENTAL SCHEDULE O - PART 5

(\$000 OMITTED)

Reserve and Liability Methodology - Exhibits 6 and 8

Line of Business		1 Methodology	2 Amount
1.	Industrial Life		
2.	Ordinary Life	Standard Factor	6,705
3.	Individual Annuity	Standard Factor	151,172
4.	Supplementary Contracts		
5.	Credit Life		
6.	Group Life	Standard Factor	25
7.	Group Annuities	Standard Factor	2,399
8.	Group Accident and Health	Other	4
9.	Credit Accident and Health		
10.	Other Accident and Health	Other	16,152
11.	Total		176,457



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

HEALTH SUPPLEMENTS

For The Year Ended December 31, 2024
(To Be Filed by March 1)

Of The MASSMUTUAL ASCEND LIFE INSURANCE COMPANY
ADDRESS (City, State and Zip Code) Cincinnati , OH 45202
NAIC Group Code 0435 NAIC Company Code 63312 Employer's ID Number 13-1935920

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS

475-2

SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Analysis of Operations Line 6

		1	Comprehensive (Hospital & Medical)		4	5	6	7	8	9	10	11	12	13	14
		Total	2 Individual	3 Group	Medicare Supplement	Vision Only	Dental Only	Federal Employees Health Benefits Plan	Title XVIII Medicare	Title XIX Medicaid	Credit A&H	Disability Income	Long-Term Care	Other Health	Other Non-Health
0604.	Interest on company-owned life insurance	6,686,809	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	6,686,809
0605.	Reinsurance experience refund	628,107	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	628,107
0606.	Miscellaneous income	2,356,662	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	2,356,662
0697.	Summary of remaining write-ins for Line 6 from overflow page	9,671,578	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	9,671,578

Health Supplement - Exhibit 3 - Health Care Receivables
N O N E

Health Supplement - Exhibit 3A - Health Care Receivables Collected and Accrued
N O N E



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Alabama

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Alaska

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Arizona

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Arkansas

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO.....
2. Health	NO.....
3. Homeowners	NO.....
4. Individual Annuity	YES.....
5. Individual Life	YES.....
6. Lender-Placed Home and Auto	NO.....
7. Long-Term Care	YES.....
8. Other Health	NO.....
9. Private Flood	NO.....
10. Private Passenger Auto	NO.....
11. Short-Term Limited Duration Health Plans	NO.....
12. Travel	NO.....



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: California

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Colorado

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Connecticut

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Delaware

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: District of Columbia

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Florida

NAIC Group Code0435

NAIC Company Code63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Georgia

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Hawaii

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Idaho

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Illinois

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Indiana

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Iowa

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Kansas

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Kentucky

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Louisiana

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Maine

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO.....
2. Health	NO.....
3. Homeowners	NO.....
4. Individual Annuity	YES.....
5. Individual Life	YES.....
6. Lender-Placed Home and Auto	NO.....
7. Long-Term Care	YES.....
8. Other Health	NO.....
9. Private Flood	NO.....
10. Private Passenger Auto	NO.....
11. Short-Term Limited Duration Health Plans	NO.....
12. Travel	NO.....



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Maryland

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Massachusetts

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Michigan

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Minnesota

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Mississippi

NAIC Group Code 0435NAIC Company Code 63312

MCAS LINE OF BUSINESS		MCAS Reportable Premium/Considerations (Yes/No)
1.	Disability Income	NO
2.	Health	NO
3.	Homeowners	NO
4.	Individual Annuity	YES
5.	Individual Life	YES
6.	Lender-Placed Home and Auto	NO
7.	Long-Term Care	YES
8.	Other Health	NO
9.	Private Flood	NO
10.	Private Passenger Auto	NO
11.	Short-Term Limited Duration Health Plans	NO
12.	Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Missouri

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Montana

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Nebraska

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Nevada

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: New Hampshire

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: New Jersey

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: New Mexico

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: North Carolina

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: North Dakota

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Ohio

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Oklahoma

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Oregon

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Pennsylvania

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Rhode Island

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: South Carolina

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: South Dakota

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Tennessee

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Texas

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Utah

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Vermont

NAIC Group Code0435

NAIC Company Code63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Virginia

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Washington

NAIC Group Code 0435

NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: West Virginia

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Wisconsin

NAIC Group Code0435

NAIC Company Code63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	YES
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	YES
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Wyoming

NAIC Group Code 0435 NAIC Company Code 63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	YES
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO



SUPPLEMENT FOR THE YEAR 2024 OF THE MASSMUTUAL ASCEND LIFE INSURANCE COMPANY

MARKET CONDUCT ANNUAL STATEMENT (MCAS) PREMIUM EXHIBIT FOR YEAR

For The Year Ended December 31, 2024
(To Be Filed by March 1)

FOR THE STATE OF: Puerto Rico

NAIC Group Code0435

NAIC Company Code63312

MCAS LINE OF BUSINESS	MCAS Reportable Premium/Considerations (Yes/No)
1. Disability Income	NO
2. Health	NO
3. Homeowners	NO
4. Individual Annuity	NO
5. Individual Life	NO
6. Lender-Placed Home and Auto	NO
7. Long-Term Care	NO
8. Other Health	NO
9. Private Flood	NO
10. Private Passenger Auto	NO
11. Short-Term Limited Duration Health Plans	NO
12. Travel	NO