

MassMutual Ascend Life Insurance Company (MMALIC)
Funds Withheld Reinsurance Supplement
Year Ended September 30, 2024
(Dollars in Millions)

	September 30, 2024		
	MMALIC, Gross of Funds Withheld Reinsurance	Funds Withheld Adjustment	MMALIC, Net of Funds Withheld Reinsurance
ASSET MIX			
Non-Affiliated			
Corporate Bonds	19,011	2,309	16,702
US Gov't, Agencies, Municipals, Foreign Gov't	1,620	77	1,543
RMBS	2,967	1,262	1,705
CMBS	1,194	669	525
Other ABS (including CLOs)	10,705	1,675	9,030
Mortgage Loans and Real Estate	4,871	646	4,225
Schedule BA Assets	1,294	265	1,029
Unaffiliated Stocks	654	69	585
Total Non-Affiliated	42,316	6,973	35,343
Affiliated			
Corporate Bonds	148	71	77
US Gov't, Agencies, Municipals, Foreign Gov't	0	0	0
RMBS	0	0	0
CMBS	0	0	0
Other ABS (including CLOs)	672	123	549
Mortgage Loans and Real Estate	0	0	0
Schedule BA Assets	325	180	145
Affiliated Stocks	473	0	473
Total Affiliated	1,618	374	1,244
Other			
Cash, Cash Equivalents, and Short-Term Investments	3,442	338	3,104
Derivatives	728	0	728
All Other	170	0	170
Total Other	4,340	338	4,002
Total Cash and Invested Assets	48,274	7,685	40,589
CREDIT QUALITY			
NAIC 1	20,963	3,803	17,160
NAIC 2	13,302	1,803	11,499
Investment Grade	34,265	5,606	28,659
NAIC 3	1,200	422	778
NAIC 4	518	83	435
NAIC 5	219	23	196
NAIC 6	115	53	62
Below Investment Grade	2,052	581	1,471
Total Bonds	36,317	6,187	30,130