

MassMutual Ascend Life Insurance Company (MMALIC)

Funds Withheld Reinsurance Supplement

Year Ended June 30, 2024

(Dollars in Millions)

	June 30, 2024		
	MMALIC, Gross of Funds Withheld Reinsurance	Funds Withheld Adjustment	MMALIC, Net of Funds Withheld Reinsurance
ASSET MIX			
Non-Affiliated			
Corporate Bonds	18,061	3,036	15,025
US Gov't, Agencies, Municipals, Foreign Gov't	1,620	89	1,531
RMBS	2,914	1,332	1,582
CMBS	1,559	857	702
Other ABS (including CLOs)	11,313	1,599	9,714
Mortgage Loans and Real Estate	4,690	635	4,055
Schedule BA Assets	1,255	208	1,047
Unaffiliated Stocks	587	23	564
Total Non-Affiliated	41,999	7,779	34,220
Affiliated			
Corporate Bonds	147	71	76
US Gov't, Agencies, Municipals, Foreign Gov't	0	0	0
RMBS	0	0	0
CMBS	0	0	0
Other ABS (including CLOs)	167	95	72
Mortgage Loans and Real Estate	0	0	0
Schedule BA Assets	292	180	112
Affiliated Stocks	466	0	466
Total Affiliated	1,072	346	726
Other			
Cash, Cash Equivalents, and Short-Term Investments	3,143	388	2,755
Derivatives	844	0	844
All Other	131	0	131
Total Other	4,118	388	3,730
Total Cash and Invested Assets	47,189	8,513	38,676
CREDIT QUALITY			
NAIC 1	20,871	4,139	16,732
NAIC 2	12,884	2,387	10,497
Investment Grade	33,755	6,526	27,229
NAIC 3	1,245	445	800
NAIC 4	475	79	396
NAIC 5	236	15	221
NAIC 6	70	14	56
Below Investment Grade	2,026	553	1,473
Total Bonds	35,781	7,079	28,702