

ANNUAL STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 2020 OF THE CONDITION AND AFFAIRS OF THE SEPARATE ACCOUNTS OF THE

Massachusetts Mutual Life Insurance Company
NAIC Group Code 0435 0435 NAIC Company Code 65935 Employer's ID Number 04-1590850

Organized under the Laws of		(Prior)	, State of Domicile or Port of I	Entry MA
Country of Domicile		United State	es of America	,
Type of Separate Accounts	Insulated [X] Non-	Insulated []		
		modiated []	Commenced Business	09/04/4954
Incorporated/Organized	05/15/1851		Commenced Business	08/01/1851
Statutory Home Office	1295 State (Street and N			Springfield, MA, US 01111 or Town, State, Country and Zip Code)
Main Administrative Office	(5.55) 4.14	,	tate Street	or round, country and Exp country
Wall Administrative Office			nd Number)	
	Springfield, MA, US 01111 Town, State, Country and Zip	Code)	_,	413-788-8411 (Area Code) (Telephone Number)
Mail Address	1295 State Stree	,		Springfield, MA, US 01111
- Iviali Address	(Street and Number or F		(City	or Town, State, Country and Zip Code)
Primary Location of Books and	Records	1295 S	State Street	
	Springfield, MA, US 01111	(Street a	nd Number)	413-788-8411
	own, State, Country and Zip	Code)	·	(Area Code) (Telephone Number)
Internet Website Address		www.mas	smutual.com	
Statutory Statement Contact	Vi	n Wang		617-695-4071
•		(Name)		(Area Code) (Telephone Number)
Y	Wang67@massmutual.com (E-mail Address)		_,	413-226-4086 (FAX Number)
		OFF	ICERS	
President and Chief		-		
Executive Officer Secretary	Roger Williar Akintokunbo			Todd Garett Picken Vy Quoc Ho #
			,.	
Elizabeth Ward Chicares		Michael Robert Fanning	THER g, Head of MassMutual U.S.	Melvin Timothy Corbett, Chief Investment Officer
Adnan Omar Ahmed, Head of Susan Marie Cicco, Head		Geoffrey James Cra	ddock, Chief Risk Officer	Pia Denise Flanagan, Chief Operating Officer of CARE Gareth Fielding Ross, Head of Enterprise Technology &
Employee E		Michael James O'C	Connor, General Counsel	Experience
			OR TRUSTEES	
Roger William Cra Kathleen A			Hall Bechtel DeGraffenreidt, Jr.	Mark Thomas Bertolini Isabella Davidov Goren
Jeffrey Ma Howard Todd Stitz			Jeanne Sen Beth Leibowitz	William Taylor Spitz
Tioward Todd Stitz	ei - Lead Director	Officially L	Detil Leibowitz	
State of	Massachusetts	SS:		
County of	Hampden			
all of the herein described ass statement, together with related condition and affairs of the said in accordance with the NAIC A rules or regulations require di respectively. Furthermore, the	ets were the absolute proper exhibits, schedules and expl reporting entity as of the rep nnual Statement Instructions fferences in reporting not re scope of this attestation by t	by of the said reporting enti- anations therein contained, pring period stated above, and Accounting Practices elated to accounting practi- ne described officers also i	ity, free and clear from any lier annexed or referred to, is a full and of its income and deduction and Procedures manual except ices and procedures, accordir ncludes the related correspond	eporting entity, and that on the reporting period stated above, as or claims thereon, except as herein stated, and that this and true statement of all the assets and liabilities and of the as therefrom for the period ended, and have been completed to the extent that: (1) state law may differ; or, (2) that state go to the best of their information, knowledge and belief, ing electronic filing with the NAIC, when required, that is an any be requested by various regulators in lieu of or in addition
Roger William Cr	andall	Akintokur	nbo Akinbajo	Todd Garett Picken
President and Chief Exe			cretary	Treasurer
Subscribed and sworn to before day of	e me this		a. Is this an original fili b. If no, 1. State the amendi 2. Date filed 3. Number of pages	ment number

ASSETS

		1	Current Year	3	Prior Year
		General Account Basis	Fair Value Basis	Total (Cols. 1 + 2)	4 Total
1.	Bonds (Schedule D)		21,311,898,658	21,311,898,658	18,427,735,157
2.	Stocks (Schedule D):				
	2.1 Preferred stocks				
	2.2 Common stocks		51,444,643,591	51,444,643,591	48,548,641,283
3.	Mortgage loans on real estate (Schedule B)				1,684,716
4.	Real estate (Schedule A):				
	4.1 Properties held for the production of income (less				
	\$encumbrances)				
	4.2 Properties held for sale (less \$				
	encumbrances)				
5.	Cash (\$180,226,402 Schedule E - Part 1), and cash				
	equivalents (\$412, 198,600 , Schedule E - Part 2)		592,425,002	592,425,002	938,205,307
6.	Short-term investments (Schedule DA)		315,361,765	315,361,765	866,030,199
7.	Derivatives (Schedule DB)		9,928,029	9,928,029	98,385,934
8.	Other invested assets (Schedule BA)		1,832,017,109	1,832,017,109	965,207,436
9.	Securities lending reinvested collateral assets (Schedule DL)				
10.	Aggregate write-ins for invested assets				
11.	Subtotals, cash and invested assets (Lines 1 to 10)		75,506,274,154	75,506,274,154	69,845,890,032
12.	Investment income due and accrued		129,495,769	129,495,769	123,677,010
13.	Receivables for securities		329,808,092	329,808,092	261,132,245
14.	Net adjustment in assets and liabilities due to foreign exchange rates		7,899	7,899	(118)
15.	Aggregate write-ins for other than invested assets		(10)	(10)	17
16.	Total (Lines 11 to 15)		75,965,585,904	75,965,585,904	70,230,699,186
	DETAILS OF WRITE-INS				
1001.					
1002.					
1003.					
1098.	Summary of remaining write-ins for Line 10 from overflow page				
1099.	Totals (Lines 1001 thru 1003 plus 1098)(Line 10 above)				
1501.	Foreign income tax recoverable		(10)	(10)	17
1502.					
1503.					
1598.	Summary of remaining write-ins for Line 15 from overflow page				
1599.	Totals (Lines 1501 thru 1503 plus 1598)(Line 15 above)		(10)	(10)	17

LIABILITIES AND SURPLUS

		7.1.12 0011	Current Year	Г	Prior Year
		1 General Account Basis	2 Fair Value Basis	3 Total (Cols. 1 + 2)	4 Total
1.	Aggregate reserve for life, annuity and accident and health contracts (Exhibit 3, Line 9999999, Col. 2)		62,111,072,397	62,111,072,397	58,625,943,378
2.	Liability for deposit-type contracts (Exhibit 4, Line 9, Col. 1)			13,298,224,865	10,869,720,443
3.	Interest Maintenance Reserve				
4.	Charges for investment management, administration and contract guarantees due or accrued		9.174.928	9.174.928	8.674.223
5.	Investment expenses due or accrued (Exhibit 1, Line 24)			712,869	
6.	Investment taxes, licenses and fees due or accrued, excluding federal income taxes (Exhibit 2, Line 8)			,	, ,
7.	Federal and foreign income taxes due or accrued (excluding deferred taxes)				
8.	Reserve for future federal income taxes				
9.	Unearned investment income				
10.	Other transfers to general account due or accrued (net) (including				
10.	\$101,832,620 accrued expense allowances recognized in				
	reserves)		102,813,792	102,813,792	125,825,730
11.	Remittances and items not allocated		132,018,164	132,018,164	181,021,623
12.	Derivatives		4,524,581	4,524,581	2,567,041
13.	Payable for securities		308,831,707	308,831,707	416,012,210
14.	Payable for securities lending				
15.	Net adjustment in assets and liabilities due to foreign exchange rates				
16.	Aggregate write-ins for liabilities		(1,787,399)	(1,787,399)	(246,844)
17.	Total liabilities (including \$111,988,720 due or accrued net				
	transfers to or (from) the general account)		75,965,585,904	75,965,585,904	70,230,699,186
18.	Contributed surplus				
19.	Aggregate write-ins for special surplus funds				
20.	Unassigned funds				
21.	Surplus (Lines 18 through 20)				
22.	Totals		75,965,585,904	75,965,585,904	70,230,699,186
	DETAILS OF WRITE-INS				
1601.	Derivatives accrued interest on swaps		(2,436,774)	(2,436,774)	(815, 108)
1602.	Claims in course of settlement				(145,001)
1603.	Annuitant mortality fluctuation fund				713,265
1698.	Summary of remaining write-ins for Line 16 from overflow page		,, ,	,, ,	
1699.	Totals (Lines 1601 thru 1603 plus 1698)(Line 16 above)		(1,787,399)	(1,787,399)	(246,844)
	Totals (Ellies 1991 till 1999 pide 1999),Ellie 19 disetty		(1,101,000)	(1,101,000)	(2.0,0)
1901.					
1902.					
1903.					
	Totals (Lines 1901 thru 1903 plus 1998)(Line 19 above)				
1000.	. 5.6.5 (250 1001 till 1000 pide 1000/Lille 10 db04c)				

SUMMARY OF OPERATIONS

	SUMINARY OF OPERATIONS		
	Toronton to Consents Associate	1 Current Year	2 Prior Year
1.	Transfers to Separate Accounts: 1.1 Net premiums and annuity considerations for life and accident and health contracts		6,293,024,684
	1.3 Aggregate write-ins for other transfers to Separate Accounts		
2.	1.4 Totals (Lines 1.1 to 1.3)	9,054,979,088	6,293,024,684
	less \$4,162,246,440 withdrawals)		967,294,765
3.	Net investment income and capital gains and losses		
4.	Aggregate write-ins for other income		433 18,720,968,352
5. DEDUC	Totals (Lines 1.4 to 4)	19,020,361,176	10,720,900,332
6.	Transfers from the Separate Account on account of contract benefits: 6.1 Death benefits	12 856 276	14 279 019
	6.2 Matured endowments		
	6.3 Annuity benefits		
	6.4 Payments on supplementary contracts with life contingencies		
	6.5 Accident and health benefits		11 769 527 720
	6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits		
7.	Transfers on account of policy loans		
8.	Net transfer of reserves from or (to) Separate Accounts		
9.	Other transfers from the Separate Accounts:		
	9.1 Federal and foreign income taxes incurred		
	9.2 Change in expense allowances recognized in reserves 9.3 Aggregate write-ins for other transfers from Separate Accounts		(4,002,887) 4,108,310
10.	Subtotals (Lines 6.1 to 9.3)		12,317,320,101
11.	Fees associated with charges for investment management, administration and contract guarantees		402,141,261
12.	Increase in aggregate reserve for life and accident and health contracts		
13.	Increase in liability for deposit-type contracts	2,428,504,422	2,688,462,647
14.	Increase in reserve for future federal income taxes		
15.	Aggregate write-ins for reserves and funds		123,826
16.	Totals (Lines 10 to 15)		18,720,968,352
17.	Net gain from operations (including \$ unrealized capital gains) (Line 5 minus Line 16) SURPLUS ACCOUNT		
18.	Surplus, December 31, prior year		
19. 20.	Net gain from operations (Line 17)		
21.	Change in reserve on account of change in valuation basis, (increase) or decrease		
22.	Transfer from Separate Accounts of the change in expense allowances recognized in Line 21		
23.	Aggregate write-ins for gains and losses in surplus		
24.	Surplus, December 31, current year (Page 3, Line 21)		
	DETAILS OF WRITE-INS		
01.398.	Summary of remaining write-ins for Line 1.3 from overflow page		
01.399.	Totals (Lines 01.301 thru 01.303 plus 01.398)(Line 1.3 above)		
	Miscellaneous		433
	Summary of remaining write-ins for Line 4 from overflow page		
	Totals (Lines 0401 thru 0403 plus 0498)(Line 4 above)	11.372	433
	- Total Carlos C		
	Summary of remaining write-ins for Line 6.7 from overflow page		
	Totals (Lines 06.701 thru 06.703 plus 06.798)(Line 6.7 above)	6,282,878	4 100 210
	Miscellaneous	0,202,070	4, 100,310
	Summary of remaining write-ins for Line 9.3 from overflow page		
	Totals (Lines 09.301 thru 09.303 plus 09.398)(Line 9.3 above)	6,282,878	4,108,310
	Change in annuitant mortality fluctuation fund		178,785
	Claims in course of settlement		(54,959)
	Summary of remaining write-ins for Line 15 from overflow page		
	Totals (Lines 1501 thru 1503 plus 1598)(Line 15 above)	81,111	123,826
	Totals (Lines 1301 tillu 1300 pius 1390)(Line 13 above)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Summary of remaining write-ins for Line 23 from overflow page		
2399.	Totals (Lines 2301 thru 2303 plus 2398)(Line 23 above)		

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - SUMMARY

	ANALISIS OF OPERATIO	MO DI LINES	OI DOGINEO		X I			
		1	2	3	4	5	6	7 Other Lines of
		Total	Individual Life	Group Life	Individual Annuities	Group Annuities	Accident and Health	Business
1.	Transfers to Separate Accounts:							
	1.1 Net premiums and annuity considerations for life and accident and health contracts	9,054,979,088	59,838,430	3,293,408	270,759,124	8,721,088,127		
	1.2 Considerations for supplementary contracts with life contingencies		XXX	XXX			XXX	
	1.3 Aggregate write-ins for other transfers to Separate Accounts							
	1.4 Totals (Lines 1.1 to 1.3)	. 9,054,979,088	59,838,430	3,293,408	270,759,124	8,721,088,127		
2.	Transfers on account of deposit-type contracts (including \$							
	withdrawals)							
3.	Net investment income and capital gains and losses	9, 159, 794, 127	221,461,974	71,044,474	1,385,270,729	7,482,016,949		
4.	Aggregate write-ins for other income	11,372	, ,	, ,	11,372	, , ,		
	Totals (Lines 1.4 to 4)	19,026,581,178	281,300,405	74,337,883	1,656,041,224	17,014,901,666		
DEDUCT		10,020,001,170	201,000,400	14,001,000	1,000,041,224	17,014,001,000		
	Transfers from the Separate Account on account of contract benefits:							
0.		10.056.076	E 021 470	7 004 707			2004	
	6.1 Death benefits		5,031,479	7,824,797			XXX	
	6.2 Matured endowments	·					XXX	
	6.3 Annuity benefits	175,882,897	XXX	XXX	175,882,897		XXX	
	6.4 Payments on supplementary contracts with life contingencies		XXX	XXX			XXX	
	6.5 Accident and health benefits		XXX	XXX	XXX	XXX		
1	6.6 Surrender benefits and withdrawals for life contracts	14,249,138,765	40,896,268	6,364,954	1,833,155,860	12,368,721,684	XXX	
1	6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits							
7.	Transfers on account of policy loans	14,817,960	13 , 144 , 655	1,757,533	(442,998)	358,770	XXX	
8.	Net transfer of reserves from or (to) Separate Accounts		(8,739,857)	(36,611)	(139,035,501)	(1,582,206,228)		
	Other transfers from the Separate Accounts:							
	9.1 Federal and foreign income taxes incurred	L			L		XXX	
	9.2 Change in expense allowances recognized in reserves	(21,625,137)	108, 183		(21,733,320)		XXX	
	9.3 Aggregate write-ins for other transfers from Separate Accounts	6.282.878	3,695		15.301	6.263.882		
10.	Subtotals (Lines 6.1 to 9.3)	12,707,335,440	50,444,422	15.910.673	1.847.842.238	10.793.138.107		
	Fees associated with charges for investment management, administration and contract guarantees		47,087,962	19,583,098	176, 163, 943	162,696,183		
		3.485.129.019	183.814.150		(368, 117, 458)	3,630,588,216		
	Increase in aggregate reserve for life and accident and health contracts	2,428,504,422	165,614,150		(306, 117, 436)	2,428,479,160	XXX	
	Increase in liability for deposit-type contracts				20,202	2,428,479,100	XXX	
	Increase in reserve for future federal income taxes				407.000			
	Aggregate write-ins for reserves and funds	81, 111	(46, 129)		127,239			
16.	Totals (Lines 10 to 15)	. 19,026,581,177	281,300,405	74,337,882	1,656,041,224	17,014,901,666		
	Net gain from operations (including \$							
18.	Policies/certificates in force end of year	684,847	24,565	6,655	114,354	539,273		
	DETAILS OF WRITE-INS							
01.301.								
01.302.								
01.303.								
	Summary of remaining write-ins for Line 1.3 from overflow page							
01.399.	Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)							
0401.	Miscel laneous	11,372			11,372			
0402.		, 3, 2			,3.=			
0403.			····					
	Summary of remaining write-ins for Line 4 from overflow page		····					
	Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)	11,372	·····		11,372			• • • • • • • • • • • • • • • • • • • •
06.701.		11,072			11,072			
06.701.								
06.702.								
	Cummany of campining write ine for Line 6.7 from questions age							
	Summary of remaining write-ins for Line 6.7 from overflow page Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)		·····		l			
		2 222 5==	2 222					
	Miscellaneous	6,282,878	3,695		15,301	6,263,882		
09.302.								
09.303.								
	Summary of remaining write-ins for Line 9.3 from overflow page							
	Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)	6,282,878	3,695		15,301	6,263,882		
1501.	Change in annuitant mortality fluctuation fund	127,240			127,239			
	Claims in course of settlement	(46, 129)	(46, 129)					
1503.		. [
1598.	Summary of remaining write-ins for Line 15 from overflow page							
1599.	Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)	81.111	(46, 129)		127.239			
.000.	·····/ ··· · · · · · · · · · · · · · ·	♥1,111	(10, 120)		127,200		l	L

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL LIFE INSURANCE (b)

	ANALYSIS OF	OI LIVATIV						INDUITAINGE				1
		1	2	3	4	5	6	7 Universal Life with	8	9	10	11
								Secondary		Variable Universal	Credit Life	Other Individual
		Total	Industrial Life	Whole Life	Term Life	Indexed Life	Universal Life	Guarantees	Variable Life	Life	(N/A Fraternal)	Life
- 1	Transfers to Separate Accounts:	Total	moustrial Life	whole Life	remi Lile	indexed Life	Universal Life	Guarantees	variable Life	Life	(N/A Fraternar)	Life
١.		59,838,430	XXX						36,244	59,802,186	VVV	
	1.1 Net premiums for life contracts (a)		XXX	XXX	XXX	XXX	XXX	XXX	XXX		XXXXXX	XXX
	1.2 Considerations for supplementary contracts with life contingencies		XXX						XXX		XXX	
	1.3 Aggregate write-ins for other transfers to Separate Accounts	59.838.430							36.244	59.802.186	XXX	
_	1.4 Totals (Lines 1.1 to 1.3)	59,838,430	XXX						30,244	59,802,186	***	
2.	Transfers on account of deposit-type contracts (including \$		1001								1001	
_	deposits less \$ withdrawals)	221,461,974	XXX						115.441	221.346.534	XXX	
3.	Net investment income and capital gains and losses	221,461,974	XXX						115,441	221,340,534	XXX	+
4.	99 - 9		XXX						454 005	201 110 710	XXX	
5.		281,300,405	XXX						151,685	281,148,719	XXX	
DEDU												
6.	Transfers from the Separate Account on account of contract benefits:											
	6.1 Death benefits	5,031,479	XXX						75,342	4,956,137	XXX	
1	6.2 Matured endowments		XXX								XXX	
1	6.3 Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1	6.4 Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1	6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1	6.6 Surrender benefits and withdrawals for life contracts	40,896,268	XXX				ļ		18,809	40,877,459	XXX	
	6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract		1001								1001	
I _	benefits	· · · · · · · · · · · · · · · · ·	XXX				····			40 405	XXX	
7.		13, 144, 655	XXX				l		8,901	13, 135, 754	XXX	
8.	Net transfer of reserves from or (to) Separate Accounts	(8,739,857)	XXX				ł			(8,739,857)	XXX	
9.		1	1001				1				10.01	
1	9.1 Federal and foreign income taxes incurred		XXX								XXX	
	9.2 Change in expense allowances recognized in reserves	108, 183	XXX							108 , 183	XXX	
	9.3 Aggregate write-ins for other transfers from Separate Accounts	. 3,695	XXX							3,695	XXX	
10.	Subtotals (Lines 6.1 to 9.3)	50,444,422	XXX						103,051	50,341,372	XXX	
11.			1001								1001	
	guarantees	47,087,962	XXX								XXX	
12.	Increase in aggregate reserve for life and accident and health contracts	183,814,150	XXX						(22,295)	183,836,445	XXX	
13.	Increase in liability for deposit-type contracts		XXX								XXX	
14.	Increase in reserve for future federal income taxes		XXX								XXX	
15.	55 5	(46, 129)	XXX							(46, 129)	XXX	
16.	Totals (Lines 10 to 15)	281,300,405	XXX						151,685	281,148,720	XXX	
17.	3											
	(Line 5 minus Line 16)		XXX								XXX	
18.		24,565	XXX						53	24,512	XXX	
	DETAILS OF WRITE-INS											
01.30			XXX								XXX	
01.302			XXX								XXX	
01.303		. [XXX								XXX	
01.398	Summary of remaining write-ins for Line 1.3 from overflow page		XXX								XXX	
01.399	9. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)		XXX								XXX	
			XXX								XXX	
0402			XXX								XXX	
0403			XXX								XXX	
0498	Summary of remaining write-ins for Line 4 from overflow page		XXX				L				XXX	I
	Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)		XXX								XXX	
		†	XXX				1				XXX	
06.702			XXX							***************************************	XXX	
06.703		· [XXX		1		T			1	XXX	1
	8. Summary of remaining write-ins for Line 6.7 from overflow page		XXX		***************************************		†			***************************************	XXX	
	7. Oddfinary of remaining white-ins for Eine 6.7 from overflow page		XXX								XXX	
	Miscel laneous	3.695	XXX							3,695	XXX	
	. Miscellaneous		XXX		• • • • • • • • • • • • • • • • • • • •		·				XXX	†····
09.30			XXX		***************************************					***************************************	XXX	
	8. Summary of remaining write-ins for Line 9.3 from overflow page	·	XXX		†		†			†	XXX	†
	3. Summary of remaining write-ins for Line 9.3 from overflow page	3.695	XXX				l			3.695	XXX	+
							-			-,		1
1501	Claims in course of settlement	(46, 129)	XXX				ł			(46, 129)		+
1502		· 	XXX		 		 			 	XXX	+
1503		-	XXX				 				XXX	
	Summary of remaining write-ins for Line 15 from overflow page		XXX							/ 40 :	XXX	-
4500		(46, 129)	XXX	l .	1	1	1	ı		(46.129)	XXX	1

(a) Include premium amounts for preneed plans included in Line 1

⁽b) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP LIFE INSURANCE (C)

(N/A Fraternal)

	(N/A Fraterna	ai <i>)</i>					
	1	2	3	4	5	6	7	8
	Total	Whole Life	Term Life	Variable Life	Universal Life	Variable Universal Life	Credit Life	Other Group Life (a)
Transfers to Separate Accounts:								
1.1 Net premiums for life contracts (b)	3,293,408					3,293,408	XXX	
1.2 Considerations for supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1.3 Aggregate write-ins for other transfers to Separate Accounts							XXX	
1.4 Totals (Lines 1.1 to 1.3)	3,293,408					3,293,408	XXX	
Transfers on account of deposit-type contracts (including \$								
\$ withdrawals)							XXX	
Net investment income and capital gains and losses	71,044,474					71,044,474	XXX	
Aggregate write-ins for other income							XXX	
5. Totals (Lines 1.4 to 4)	74,337,883					74,337,883	XXX	
EDUCT: 6. Transfers from the Separate Account on account of contract benefits:								
6.1 Death benefits	7,824,797					7,824,797	XXX	
6.2 Matured endowments							XXX	
6.3 Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.4 Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX 6.364.954	XXX	XXX
6.6 Surrender benefits and withdrawals for life contracts 6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	6,364,954						XXX XXX	
Transfers on account of policy loans	1.757.533					1,757,533	XXX	
Net transfer of reserves from or (to) Separate Accounts	(36,611)					(36,611)	XXX	
Other transfers from the Separate Accounts:	(30,011)					(30,011)		
9. Tederal and foreign income taxes incurred							XXX	
9.2 Change in expense allowances recognized in reserves							XXX	
9.3 Aggregate write-ins for other transfers from Separate Accounts							XXX	
10. Subtotals (Lines 6.1 to 9.3)	15,910,673					15,910,673	XXX	
11 Fees associated with charges for investment management, administration and contract quarantees	19,583,098						XXX	
Increase in aggregate reserve for life and accident and health contracts							XXX	
13. Increase in liability for deposit-type contracts						20,011,111	XXX	
14. Increase in reserve for future federal income taxes							XXX	
15. Aggregate write-ins for reserves and funds							XXX	
16. Totals (Lines 10 to 15)	74,337,882					74,337,882	XXX	
17. Net gain from operations (including \$, , ,					, , ,	XXX	
18. Policies/certificates in force end of year	6,655					6,655	XXX	
DETAILS OF WRITE-INS	-,					-,		
01.301							XXX	
11302							XXX	
01,303							XXX	
01.398. Summary of remaining write-ins for Line 1.3 from overflow page							XXX	
01.399. Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)							XXX	
0401.							XXX	
0402.							XXX	
0403.							XXX	
0498. Summary of remaining write-ins for Line 4 from overflow page							XXX	
0499. Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)							XXX	
6.701.							XXX	
6.702.	ļ			<u> </u>			XXX	
06.703							XXX	
6.798. Summary of remaining write-ins for Line 6.7 from overflow page							XXX	
06.799. Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)							XXX	
9.301							XXX	
9.302	 						XXX	
9.303	 						XXX	
19.398. Summary of remaining write-ins for Line 9.3 from overflow page							XXX	
19.399. Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)				1			XXX	
1501	 			+			XXX	
1502.	·			+			XXX	
1503	 			· 			XXX	
1598. Summary of remaining write-ins for Line 15 from overflow page							XXX XXX	
1599. Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above) Includes the following amounts for FEGLI/SGLI: Line 1 Line 10	Line 16	Line 23		Line 24			۸۸۸	

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - INDIVIDUAL ANNUITIES (a)

l		1		Dof	erred		6	7
		'	2	3	4	5	Life	,
			2	3	Variable Annuities	variable Annuities	Contingent Payout (Immediate and	Other
		Total	Fixed Annuities	Indexed Annuities	With Guarantees	Without Guarantees	Annuitizations)	Annuities
1.	Transfers to Separate Accounts:						,	
	1.1 Net annuity considerations for annuity contracts	270,759,124			270,614,628	144,496		
	1.2 Considerations for supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
	1.3 Aggregate write-ins for other transfers to Separate Accounts							
_	1.4 Totals (Lines 1.1 to 1.3)	270,759,124			270,614,628	144,496		
۷.	rransters on account or deposit-type contracts (including \$ deposits less less less less less less less le							
3.	Net investment income and capital gains and losses	1.385.270.729			1,361,961,727	14.623.257	8.685.745	
4.	Aggregate write-ins for other income	11.372			1,301,901,727	14,023,237	11.372	
	Totals (Lines 1.4 to 4)	1,656,041,225			1,632,576,355	14,767,752	8,697,117	
DEDUC		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1,112,011,110	,	2,22.,	
	Transfers from the Separate Account on account of contract benefits:							
	6.1 Death benefits							
	6.2 Matured endowments							
	6.3 Annuity benefits	175,882,897			167,606,952	1,880,398	6,395,548	
l	6.4 Payments on supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
	6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	6.6 Surrender benefits and withdrawals for life contracts	1,833,155,860			1,824,821,175	8,324,167	10,517	
_	6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	(442.998)			(440,000)			
7. 8.	Transfers on account of policy loans	(139,035,501)			(442,998)	3.625	257.939	
9.	Net italiser or reserves inform (iii) Separate Accounts Other transfers from the Separate Accounts:	(139,033,301)			(139,297,003)		237,939	
9.	One translets from the Separate Accounts. 9.1 Federal and foreign income taxes incurred.							
	9.2 Change in expense allowances recognized in reserves	(21,733,320)			(21,727,360)	(5,960)		
	9.3 Aggregate write-ins for other transfers from Separate Accounts	15.301			15.301	(0,000)		
10.	Subtotals (Lines 6.1 to 9.3)	1.847.842.237			1.830.976.004	10,202,230	6.664.004	
11.	Fees associated with charges for investment management, administration and contract guarantees	176, 163, 943			175,805,411	776,310	(417,777)	
12.	Increase in aggregate reserve for life and accident and health contracts	(368, 117, 458)			(374,341,970)	3,773,622	2,450,891	
13.	Increase in liability for deposit-type contracts	25,262			25,262			
	Increase in reserve for future federal income taxes							
	Aggregate write-ins for reserves and funds	127,240			111,649	15,590		
16.	Totals (Lines 10 to 15)	1,656,041,225			1,632,576,356	14,767,752	8,697,117	
	Net gain from operations (including \$ unrealized capital gains) (Line 5 minus Line 16)							
18.	Policies/certificates in force end of year	114,354			112, 122	1,627	605	
	DETAILS OF WRITE-INS							
01.302								
	Summary of remaining write-ins for Line 1.3 from overflow page							
	Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)							
0401.	Miscellaneous	11,372					11,372	
0403.								
0498.	Summary of remaining write-ins for Line 4 from overflow page							
	Totals (Lines 0401 thru 0403 plus 0498) (Line 4 above)	11,372					11,372	
06.701								
06.702								
06.703								
	Summary of remaining write-ins for Line 6.7 from overflow page							
06.799	Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)							
	Miscel (aneous				15.301			
	miscerialieus							
09.302								
		45 004			45 001			
	Totals (Lines 09.301 thru 09.303 plus 09.398) (Line 9.3 above)	15,301			15,301			
	Change in annuitant mortality fluctuation fund	127,240			111,649	15,590		
1502.								
1503.								
	Summary of remaining write-ins for Line 15 from overflow page							
1599	Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)	127,240			111,649	15,590		

⁽a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - GROUP ANNUITIES (a) (N/A Fraternal)

		(N/A Fraterna	ll)					
		1		Defe	erred	1	6	7
		'	2	3	4	5	Life Contingent Payout	,
		Total	Fixed Annuities	Indexed Annuities	Variable Annuities With Guarantees	Variable Annuities Without Guarantees	(Immediate and Annuitizations)	Other Annuities
1	Transfers to Separate Accounts:	Total	T IXCU AITIUILICS	Indexed Amidities	With Guarantees	Without Guarantees	7 till taltazation to j	7411141400
· · ·	1.1 Net annuity considerations for annuity contracts	.8,721,088,127			5,512,222,023	3,208,866,103		
	1.2 Considerations for supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
	1.3 Aggregate write-ins for other transfers to Separate Accounts							
	1.4 Totals (Lines 1.1 to 1.3)	8,721,088,127			5,512,222,023	3,208,866,103		
2.	Transfers on account of deposit-type contracts (including \$4,974,043,031 deposits less \$4,162,246,440							
	withdrawals)	811,796,591				811,796,591		
3.	Net investment income and capital gains and losses	7,482,016,949			1,339,894,813	6, 142, 122, 135		
4. 5.	Aggregate write-ins for other income	17.014.901.666			6.852.116.837	10.162.784.829		
DEDUCT	Totals (Lines 1.4 to 4)	17,014,901,000			6,832,116,837	10, 102, 784, 829		
	Transfers from the Separate Account on account of contract benefits: 6.1 Death benefits							
	6.2 Matured endowments							
	6.3 Annuity benefits							
	6.4 Payments on supplementary contracts with life contingencies		XXX	XXX	XXX	XXX		XXX
	6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	6.6 Surrender benefits and withdrawals for life contracts 6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	12,368,721,684			157, 229, 194	12,211,492,490		
7	6.7 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits							
7. 8	rransters on account or policy loans Net transfer of reserves from or (to) Separate Accounts	(1,582,206,228)			3,854,821,137	(5,437,027,365)		
o. 9.	Net transfer of reserves inorn of (iii) Separate Accounts. Other transfers from the Separate Accounts:	(1,302,200,220)				(3,401,021,003)		
٥.	9.1 Federal and foreign income taxes incurred							
	9.2 Change in expense allowances recognized in reserves							
	9.3 Aggregate write-ins for other transfers from Separate Accounts	6,263,882				6,263,882		
10.	Subtotals (Lines 6.1 to 9.3)	10,793,138,108			4,012,050,331	6,781,087,777		
11.	Fees associated with charges for investment management, administration and contract guarantees	162,696,183			90,900,024	71,796,159		
12.	Increase in aggregate reserve for life and accident and health contracts	3,630,588,216			2,749,166,482	881,421,734		
13.	Increase in liability for deposit-type contracts	2,428,479,160				2,428,479,160		
14. 15.	Increase in reserve for future federal income taxes Aggregate write-ins for reserves and funds							
16.	Aggregate write-ins for reserves and unios Totals (Lines 10 to 15)	17.014.901.666			6.852.116.837	10.162.784.830		
	Totals (Lifles 1 to 1 5). Net gain from operations (including \$ unrealized capital gains) (Line 5 minus Line 16)	17,014,901,000			0,832,110,837	10, 102, 764, 630		
	Policies/certificates in force end of year	539.273			254.900	284.373		
10.	DETAILS OF WRITE-INS	303,270			254,300	204,070		
01.301.	22.742.03							
01.302.								
01.303.								
01.398.	Summary of remaining write-ins for Line 1.3 from overflow page							
	Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)							
0401.								
0402. 0403.								
	Summary of remaining write-ins for Line 4 from overflow page							
0490.	Sulminary of remaining wine-ins in Line 4 from overlow page							
	Totals (Lines 0401 tilliu 0400 pius 0490) (Line 4 above)							
06.703.								
	Summary of remaining write-ins for Line 6.7 from overflow page							
06.799.	Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)							
	Miscel laneous	6,263,882				6,263,882		
09.302.								
09.303.	Summary of ramaining write ine for Line 0.3 from quarflow page					·····		
09.398.	Summary of remaining write-ins for Line 9.3 from overflow page	6,263,882				6,263,882		
	Totals (Lines 03:30 Fithin 03:303 plus 03:390) (Line 3:3 above)	0,200,002				0,200,002		
1501.						<u> </u>		
1503.								
1598.	Summary of remaining write-ins for Line 15 from overflow page							
1599.	Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)							
/ \ I I'	to if blocks of business in run off that comprise less than 50/ of promiums and less than 50/ of reserve and leans liability are aggregated with m	1 1 1 1 1 1 1 1 1						

⁽a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF OPERATIONS BY LINES OF BUSINESS - ACCIDENT AND HEALTH (a)

		1	1	hensive	4	5	6	7 T	8	9	10	11	12	13
			2	3	Ī			Federal						
		Total	Individual	Group	Medicare Supplement	Vision Only	Dental Only	Employees Health Benefits Plan	Title XVIII Medicare	Title XIX Medicaid	Credit A&H	Disability Income	Long-Term Care	Other Health
1.	Transfers to Separate Accounts:													
	1.1 Net Premiums for accident and health contracts	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	1.3 Aggregate write-ins for other transfers to Separate Accounts													
	1.4 Totals (Lines 1.1 to 1.3)													
2.	Transfers on account of deposit-type contracts (including													
	\$ deposits less \$ withdrawals)													
3.	Net investment income and capital gains and losses.													
4.	Aggregate write-ins for other income													
5. DEDUCT	Totals (Lines 1.4 to 4)													
	Transfers from the Separate Account on account of contract benefits:													
0.	6.1 Death benefits	xxx	xxx	xxx	XXX	XXX	XXX	xxx	XXX	xxx	xxx	XXX	XXX	XXX
	6.2 Matured endowments	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	6.3 Annuity benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	6.4 Payments on supplementary contracts with life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	6.5 Accident and health benefits	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
	6.7 Aggregate write-ins for other transfers from Separate Accounts on	^^	1						^^^	^^	~~~		^^_	
	account of contract benefits													
7.	Transfers on account of policy loans	XXX	XXX	XXX	XXX	XXX	XXX	xxx	XXX	XXX	XXX	XXX	XXX	XXX
8.	Net transfer of reserves from or (to) Separate Accounts				-	ļ							ļ	
9.	Other transfers from the Separate Accounts:	2004	1004	2007	100/	2004	2007	2004	100/	2004	2004	2007	2004	2007
	9.1 Federal and foreign income taxes incurred	XXX XXX	XXX XXX	XXX	XXX	XXX	XXX XXX	XXX XXX	XXXXXX	XXX XXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
	9.3 Aggregate write-ins for other transfers from Separate Accounts	XXX			XXX	XXX	XXX			XXX			XXX	
10.	Subtotals (Lines 6.1 to 9.3)													
11.	Fees associated with charges for investment management, administration													
	and contract quarantees													
12.	Increase in aggregate reserve for life and accident and health contracts													
13.	Increase in liability for deposit-type contracts	XXX	XXX	XX		,X		XXX	XXX	XXX	XXX	XXX	XXX	XXX
14. 15.	Increase in reserve for future federal income taxes Aggregate write-ins for reserves and funds					\····								
16.	Totals (Lines 10 to 15)													
17.	Net gain from operations (including \$ unrealized													
	capital gains) (Line 5 minus Line 16)													
18.	Policies/certificates in force end of year													
	DETAILS OF WRITE-INS													
01.301.		•												
01.302. 01.303.														
	Summary of remaining write-ins for Line 1.3 from overflow page													
	Totals (Lines 01.301 thru 01.303 plus 01.398) (Line 1.3 above)													
0401.		•												
0402.														
0403.														
0498.	Summary of remaining write-ins for Line 4 from overflow page												+	
	Totals (Lines 0401 tillu 0403 plus 0496) (Line 4 above)													
06.701.														
06.703.														
06.798.	Summary of remaining write-ins for Line 6.7 from overflow page													
	Totals (Lines 06.701 thru 06.703 plus 06.798) (Line 6.7 above)													
09.301. 09.302.		 	·	····	+	t				 	<u> </u>		 	
09.302.					+									
09.398.	Summary of remaining write-ins for Line 9.3 from overflow page													
09.399.	Summary of remaining write-ins for Line 9.3 from overflow page													
1501.														
1502.					+	 				-			+	
1503.	Cummany of romaining write ing for Line 45 from everflow need		-		+	 				+			 	
1598. 1590	Summary of remaining write-ins for Line 15 from overflow page Totals (Lines 1501 thru 1503 plus 1598) (Line 15 above)				+	t							†	
(-)	te if blocks of business in run-off that comprise less than 5% of premiums and	lace then EO/ of rec	ania and laana liahil	itu ara agaragatad :	with masterial blocks		l l			1			<u> </u>	<u> </u>

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL LIFE INSURANCE (a)

	ANAL 1313 UF INC	INEAUE III	INCOLINA	LO DOMINI		AIL - IIIDIV	IDOAL LII		IVE .			
		1	2	3	4	5	6	7	8	9	10	11
								Universal Life				
								With Secondary		Variable	Credit Life	Other Individual
		Total	Industrial Life	Whole Life	Term Life	Indexed Life	Universal Life	Guarantees	Variable Life	Universal Life	(N/A Fratermal)	Life
1	Reserve December 31 of prior year	1,241,198,390	XXX						2,300,166	1,238,898,224	XXX	
2	Tabular net premiums and considerations for annuities and supplementary contracts with life contingencies	59,838,430	XXX						36,244	59,802,186	xxx	
3	Increase or (decrease) from investment results after provision for federal income taxes	221,461,974	XXX						115,441	221,346,533	xxx	
4	Tabular less actual reserve released		XXX								XXX	
5	Increase in reserve on account of change in valuation basis		XXX								XXX	
5	Change in excess of VM-20 deterministic/stochastic reserve over net premium reserve		XXX								XXX	
6	Other increases (net)	(3,693)	XXX						2	(3,695)	XXX	
7	Totals (Lines 1 to 6)	1,522,495,101	XXX						2,451,853	1,520,043,248	XXX	
8	Net transfer of reserves from or (to) Separate Accounts	(8,739,857)	XXX							(8,739,857)	XXX	
9		40,003,512	XXX						60,929	39,942,583	XXX	
10	Reserves released by death	5,031,479	XXX						75,342	4,956,137	XXX	
11	Reserves released by other terminations (net)	40,896,268	XXX						18,809	40,877,459	XXX	
12												
	contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13	Charges for investment management, administration and contract guarantees	7,084,450	XXX						10,000	7,074,450	XXX	
14	Aggregate write-ins for other decreases in reserves	13,206,709	XXX						8,901	13, 197, 808	XXX	
15	Total deductions (Lines 8 to 14)	97,482,561	XXX						173,981	97,308,580	XXX	
16	Reserve December 31 of current year	1,425,012,540	XXX						2,277,872	1,422,734,668	XXX	
	Cash Surrender Value and Policy Loans											
17	CSV ending balance December 31, current year	1,415,410,509	XXX						1,458,219	1,413,952,290	XXX	
18	Amount available for policy loans based upon Line 17 CSV	1,132,328,407	XXX						1,166,575	1,131,161,832	XXX	
	DETAILS OF WRITE-INS											
1401		13.144.655	XXX						8.901	13 . 135 . 754	XXX	
1402		108, 183	XXX							108, 183	XXX	
1403		(46, 129)	XXX							(46, 129)	XXX	
1498	Summary of remaining write-ins for Line 14 from overflow page		XXX							, ,,	XXX	
1499	, ,	13,206,709	XXX						8,901	13, 197, 808	XXX	

⁽a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP LIFE INSURANCE (a) (N/A Fraternal)

		(1	WAI IALEIII	21 <i>)</i>					
		1	2	3	4	5	6	7	8
							Variable		Other
							Universal		Group
		Total	Whole Life	Term Life	Universal Life	Variable Life	Life	Credit Life	Life
1.	Reserve December 31 of prior year	1,632,575,028					1,632,575,028	XXX	
2.	Tabular net premiums and considerations	3,293,408					3,293,408	XXX	
3.	Increase or (decrease) from investment results after provision for federal income taxes	71,044,474					71,044,474	XXX	
4.	Tabular less actual reserve released							XXX	
5.	Increase in reserve on account of change in valuation basis							XXX	
6.	Other increases (net)							XXX	
7.	Totals (Lines 1 to 6)	1,706,912,910					1,706,912,910	XXX	
8.	Net transfer of reserves from or (to) Separate Accounts	(36,612)					(36,612)	XXX	
9.	Tabular cost						XXX	XXX	
10.	Reserves released by death						7,824,797	XXX	
11.	Reserves released by other terminations (net)	6,364,954					6,364,954	XXX	
12.	Transfers on account of annuity and supplementary contract payments involving life contingencies	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
13.	Charges for investment management, administration and contract guarantees	19,583,098					19,583,098	XXX	
14.	Aggregate write-ins for other decreases in reserves	1,757,533					1,757,533	XXX	
15.	Total deductions (Lines 8 to 14)	35,493,770					35,493,770	XXX	
16.	Reserve December 31 of current year	1,671,419,140					1,671,419,140	XXX	
	Cash Surrender Value and Policy Loans						, , ,		
17.	CSV ending balance December 31, current year	1.642.366.321					1,642,366,321	XXX	
	Amount available for policy loans based upon line 17 CSV	1,313,893,057					1,313,893,057	XXX	
	DETAILS OF WRITE-INS								
1401.	Change in policy loans	1,757,533					1,757,533	XXX	
1402.								XXX	
1403.								XXX	
1498.	Summary of remaining write-ins for Line 14 from overflow page							XXX	
1499.	, ,	1,757,533					1.757.533	XXX	
		.,,000			I		.,,000	,,,,,	1

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - INDIVIDUAL ANNUITIES (a)

	ANALYSIS OF INCREASE IN F	COLING DUNING	IIIL ILAN -	INDIVIDUAL	AMMOTTILS	•		
		1		Defe	erred		6	7
			2	3	4	5	Life Contingent	
					Variable Annuities	Variable Annuities	Payout (Immediate	
		Total	Fixed Annuities	Indexed Annuities	With Guarantees	Without Guarantees	and Annuitizations)	Other Annuities
1.	Reserve December 31 of prior year	11,132,298,486			10,972,946,286		58, 138, 620	
2.	Tabular net premiums and considerations	270,759,124			270,614,628	144,496		
3.	Increase or (decrease) from investment results after provision for federal income taxes	1,385,257,292			1,362,261,516	14,310,031		
4.	Tabular less actual reserve released							
5.	Increase in reserve on account of change in valuation basis							
6.	Other increases (net)	11,382			1,532	(1,522)	11,372	
7.	Totals (Lines 1 to 6)	12,788,326,284			12,605,823,962	115,666,585	66,835,737	
8.	Net transfer of reserves from or (to) Separate Accounts	(139,035,501)			(139,296,810)	3,371	257,938	
9.	Tabular cost							
10.	Reserves released by death	XXX	XXX	XXX	XXX	XXX	XXX	XXX
11.	Reserves released by other terminations (net)	1,833,155,860			1,824,955,023	8, 190, 320	10,517	
12.	Transfers on account of annuity and supplementary contract payments involving life contingencies	175,882,897			167,797,434	1,689,915	6,395,548	
13.	Charges for investment management, administration and contract guarantees	176, 191, 080			175,838,679	770,178	(417,777)	
14.	Aggregate write-ins for other decreases in reserves	(22,049,078)			(22,058,754)	9,676		
15.	Total deductions (Lines 8 to 14)	2,024,145,258			2,007,235,572	10,663,460	6,246,226	
16.	Reserve December 31 of current year	10,764,181,026			10,598,588,390	105,003,125	60,589,511	
	Cash Surrender Value and Policy Loans	, , ,			, , , , , , , , , , , , , , , , , , ,	, ,	, ,	
17.	CSV ending balance December 31, current year	10,635,912,312			10,531,347,805	104,564,507		
18.	Amount available for policy loans based upon line 17 CSV	163,950,895			163,950,895	, ,		
	DETAILS OF WRITE-INS	, ,			, ,			
1401	Change in surrender charge offset	(21,733,320)			(21.727.360)	(5,960)		
1402.	Change in policy loans				(442.998)			
1403.	Change in annuitant mortality fluctuation fund				111.604	15.636		
1498.	Summary of remaining write-ins for Line 14 from overflow page							
1499.	TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above)	(22.049.078)			(22.058.754)	9.676		
00.	10 11 120 (2 11 10 1 10 10 10 10 10 10 10 10 10 10 1	(22,010,010)			(22,000,101)	0,010		

⁽a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF INCREASE IN RESERVES DURING THE YEAR - GROUP ANNUITIES (a) (N/A Fraternal)

		(IVA I latellia	<i>)</i>					
		1		Def	erred		6	7
			2	3	4	5	Life Contingent	
					Variable Annuities	Variable Annuities	Payout (Immediate	
		Total	Fixed Annuities	Indexed Annuities	With Guarantees	Without Guarantees	and Annuitizations)	Other Annuities
1.	Reserve December 31 of prior year	44,619,871,474			16, 133, 208, 521	28,486,662,953		
2.	Tabular net premiums and considerations	8,721,088,127			2,879,914,999	5,841,173,128		
3.	Increase or (decrease) from investment results after provision for federal income taxes	5,832,242,367			1,327,337,412	4,504,904,955		
4.	Tabular less actual reserve released							
5.	Increase in reserve on account of change in valuation basis							
6.	Other increases (net)	(6,263,881)			494	(6,264,375)		
7.	Totals (Lines 1 to 6)	59,166,938,087			20,340,461,427	38,826,476,660		
8.	Net transfer of reserves from or (to) Separate Accounts	(1,582,206,228)			4,065,331,341	(5,647,537,569)		
9.	Tabular cost							
10.	Reserves released by death	xxx	XXX	XXX	XXX	XXX	XXX	XXX
11.	Reserves released by other terminations (net)	12,368,721,684			157,229,194	12,211,492,490		
12.	Transfers on account of annuity and supplementary contract payments involving life contingencies							
13.	Charges for investment management, administration and contract guarantees	129,604,172			90,574,694	39,029,478		
14.	Aggregate write-ins for other decreases in reserves	358,770				358,770		
15.	Total deductions (Lines 8 to 14)	10,916,478,398			4,313,135,229	6,603,343,169		
16.	Reserve December 31 of current year	48,250,459,689			16,027,326,198	32,223,133,491		
	Cash Surrender Value and Policy Loans	, , ,			, , ,			
17.	CSV ending balance December 31, current year	48.250.459.689			16,027,326,198	32,223,133,491		
18.	Amount available for policy loans based upon line 17 CSV	48,250,459,689			16,027,326,198	, , ,		
	DETAILS OF WRITE-INS				, , ,	, , ,		
1401	Change in policy loans					358.770		
1402.								
1403.								
1498.	Summary of remaining write-ins for Line 14 from overflow page							
1499.	TOTALS (Lines 1401 thru 1403 plus 1498) (Line 14 above)	358,770				358,770		

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

ANALYSIS OF RESERVES DURING THE YEAR - ACCIDENT AND HEALTH(a)

		1	Compret		4	5	6	JIDENI AND	8	9	10	11	12	13
			2	3	1		-	Federal	-					1
		Total	Individual	Group	Medicare Supplement	Vision Only	Dental Only	Employees Health Benefits Plan	Title XVIII Medicare	Title XIX Medicaid	Credit A&H	Disability Income	Long-Term Care	Other Health
	ACTIVE LIFE RESERVE					ĺ	,							
1.	Unearned premium reserves													1
2.	Additional contract reserves (a)													1
3.	Additional actuarial reserves-Asset/Liability analysis													
4.	Reserve for future contingent benefits													
5.	Reserve for rate credits													ļ
6.	Aggregate write-ins for reserves													İ
7.	Totals (Gross)													
8.	Reinsurance ceded													İ
9.	Totals (Net)													ĺ
	CLAIM RESERVE													
10.	Present value of amounts not yet due on claims													L
11.	Additional actuarial reserves-Asset/Liability analysis													1
12.	Reserve for future contingent benefits													1
13.	Aggregate write-ins for reserves													İ
14.	Totals (Gross)			. A										
15.	Reinsurance ceded													1
16.	Totals (Net)													1
	TOTAL (Net)													
	TABULAR FUND INTEREST													
	DETAILS OF WRITE-INS													
0601.														1
0602.														
0603.														
0698	Summary of remaining write-ins for Line 6 from overflow page													
0699.														
1301.	TO THE CENTER CONTRACT CONTRAC													
1302.														
1302.														
	Summary of remaining write-ins for Line 13 from overflow page													
	TOTALS (Lines 1301 thru 1303 plus 1398) (Line 13 above)													
	ata if blacks of business in turn off that comprise less than 50/ of promittee or		1		1	1				1	l .	l .	1	

(a) Indicate if blocks of business in run-off that comprise less than 5% of premiums and less than 5% of reserve and loans liability are aggregated with material blocks of business and which columns are affected.

EXHIBIT OF NET INVESTMENT INCOME

		1	2
			r Earned During Year
1.	U.S. Government bonds	(a)45,309,996	51,494,682
1.1	Bonds exempt from U.S. tax	(a)	
1.2	Other bonds (unaffiliated)	(a)595,165,033	597,978,748
1.3	Bonds of affiliates	(a)	
2.1	Preferred stocks (unaffiliated)	(b)	
2.11	Preferred stocks of affiliates		
2.2	Common stocks (unaffiliated)	2,566,875,951	2,566,958,317
2.21	Common stocks of affiliates		
3.	Mortgage loans	(c)87,235	79,979
4.	Real estate	(d)78,315	78,315
5	Contract loans		
6	Cash, cash equivalents and short-term investments	(e)6, 197, 170	4,754,506
7	Derivative instruments	(1,617,866)(1,808,289
8.	Other invested assets		
9.	Aggregate write-ins for investment income		84,439
10.	Total gross investment income	3,212,180,273	3,219,620,697
11.	Investment expenses		. (g)3,026,647
12.	Investment taxes, licenses and fees, excluding federal income taxes		(g)
13.	Interest expense		(h)
14.	Depreciation on real estate and other invested assets		(i)
15.	Aggregate write-ins for deductions from investment income		
16.	Total deductions (Lines 11 through 15)		3,026,647
17.	Net investment income (Line 10 minus Line 16)		3,216,594,050
	DETAILS OF WRITE-INS		
0901.	Miscellaneous	84,439	84,439
0902.		· · · · · · · · · · · · · · · · · · ·	
0903.			
0998.	Summary of remaining write-ins for Line 9 from overflow page		
0999.	Totals (Lines 0901 thru 0903 plus 0998) (Line 9. above)	84.439	
1501.		,	,
1502.			
1503.			
1598.	Summary of remaining write-ins for Line 15 from overflow page		
	Totals (Lines 1501 thru 1503 plus 1598) (Line 15, above)		

(a) Includes \$		accrual of discount less \$	amortization of premium and less \$75,465,817	paid for accrued interest on purchases.
(b) Includes \$		accrual of discount less \$	amortization of premium and less \$	paid for accrued dividends on purchases.
(c) Includes \$		accrual of discount less \$	amortization of premium and less \$	paid for accrued interest on purchases.
(d) Includes \$		for company's occupancy of its own building	gs; and excludes \$ interest on encu	mbrances.
(e) Includes \$	33,078	accrual of discount less \$659	amortization of premium and less \$25,882	paid for accrued interest on purchases.
(f) Includes \$		accrual of discount less \$	amortization of premium.	
	d and Separate Acc		investment taxes, licenses and fees, excluding fede	eral income taxes, attributable to
(h) Includes \$		interest on surplus notes and \$	interest on capital notes.	
(i) Includes \$		depreciation on real estate and \$	depreciation on other invested assets	

EXHIBIT OF CAPITAL GAINS (LOSSES)

		1	2	3	4	5
				Total Realized Capital	Change in	Change in Unrealized
		Realized Gain (Loss)	Other Realized	Gain (Loss)	Unrealized Capital	Foreign Exchange
		On Sales or Maturity	Adjustments	(Columns 1 + 2)	Gain (Loss)	Capital Gain (Loss)
1.	U.S. Government bonds	223,568,053		223,568,053	(43,297,144)	
1.1	Bonds exempt from U.S. tax					
1.2	Other bonds (unaffiliated)	237,561,552	(7)	237,561,545	372,609,373	55, 165
1.3	Bonds of affiliates					
2.1	Preferred stocks (unaffiliated)					
2.11	Preferred stocks of affiliates					
2.2	Common stocks (unaffiliated)					
2.21	Common stocks of affiliates					
3.	Mortgage loans	43,059		43,059	30 , 159	
4.	Real estate					
5.	Contract loans					
6.	Cash, cash equivalents and short-term investments			25,383,537		
7.	Derivative instruments	218,641,217	(302,371)	218,338,846	12,426,101	(18,285)
8.	Other invested assets	3,422,787		3,422,787	45,112,423	
9.	Aggregate write-ins for capital gains (losses)		(1,809)	(1,809)		8,017
10.	Total capital gains (losses)	1,229,177,579	(304, 187)		4,714,281,788	
	DETAILS OF WRITE-INS					
0901.	Capital gain (loss) on foreign currency		(1,809)	(1,809)		8,017
0902.						
0903.						
0998.	Summary of remaining write-ins for Line 9 from overflow page					
0999.	Totals (Lines 0901 thru 0903 plus 0998) (Line 9, above)		(1,809)	(1,809)		8,017

EXHIBIT 1 - INVESTMENT EXPENSES

	EXHIBIT 1 - INVESTMENT EXPENSES	1
		Amount
1.	Rent	
2.	Salaries and wages	
3.	Contributions for benefit plans for employees (a)	
4.	Payments to employees under non-funded benefit plans	
5.	Other employee welfare	
6.	Legal fees and expenses	
7.	Fees of public accountants and consulting actuaries	273,017
8.	Traveling expenses	
9.	Postage, express, telegraph and telephone	
10.	Printing and stationery	
11.	Cost or depreciation of furniture and equipment	
12.	Rental of equipment	
13.	Books and periodicals	
14.	Bureau and association fees	
15.	Insurance, except on real estate	
16.	Miscellaneous losses	
17.	Collection and bank service charges	2,753,630
18.	Sundry general expenses	
19.	Real estate expenses	
20.	Investment expenses not included elsewhere	
21.	Aggregate write-ins for other investment expenses	
22.	Investment expenses incurred	3,026,647
Recond	ciliation with Exhibit 5	
23.	Investment expenses unpaid December 31, prior year	1, 181, 383
24.	Investment expenses unpaid December 31, current year	712,869
25.	Investment expenses paid during year (Lines 22 + 23 - 24) (to Exhibit 5, Line 12)	3,495,161
	DETAILS OF WRITE-INS	
2101.		
2102.		
2103.		
2198.	Summary of remaining write-ins for Line 21 from overflow page	
2199.	Totals (Lines 2101 thru 2103 plus 2198) (Line 21 above)	

(a) Includes \$ on account of prior service.

EXHIBIT 2 - INVESTMENT TAXES, LICENSES AND FEES (EXCLUDING FEDERAL INCOME TAXES)

		1
		Amount
1.	Real estate taxes	
2.	State insurance department fees.	
3.	Other state taxes, including \$ for a ploy penefits	
4.	U.S. Social Security taxes	
5.	All other taxes	
6.	Taxes, licenses and fees incurred	
Recon	ciliation with Exhibit 5	
7.	Taxes, licenses and fees unpaid December 31, prior year	
8.	Taxes, licenses and fees unpaid December 31, current year	
9.	Taxes, licenses and fees paid during year (Lines 6 + 7 - 8) (to Exhibit 5, Line 13)	

EXHIBIT 3 - AGGREGATE RESERVE FOR LIFE, ANNUITY AND ACCIDENT AND HEALTH CONTRACTS

1	2	3	4
Description of Valuation Basis	Total (a)	Ordinary	Group
0100001. 58 CSO 4.00% Mod CRVM	2,277,872	2,277,872	
0100002. 80 CSO 5.50% CRVM		25,950,271	
0100003. 80 CSO 5.00% CRVM		368 , 157	
0100004. 80 CSO 4.50% CRVM		825,565,832	
0100005. 80 CSO 4.00% CRVM	150,799,244	150,799,244	
0100006. 2001 CSO 4.00% CRVM	21,262,219	21,262,219	
0100007. 2001 CSO 3.50% CRVM		30,454,709	
0100008. 17 CSO 3.5% CRVM	3,514,679	3,514,679	
0100009. 80 CSO Account Value	1,948,600,628	295,456,576	1,653,144,052
0100010. 2001 CSO Account Value		68,661,544	18, 179, 918
0100011. 17 CSO Account Value		701,437	95,170
0199999. Life Insurance: Totals	3,096,431,680	1,425,012,540	1,671,419,140
0200001. Deferred Annuity 4.75% to 10.00% CARVM			
0200002. Annuity Reserve	46,272,604,884	90,085,103	46, 182, 519, 781
0200003. Group Home Office and Field Plans	2,067,939,908		2,067,939,908
0299999. Annuities: Totals	59,014,640,717	10,764,181,028	48,250,459,689
9999999. Totals (to Page 3, Line 1)	62,111,072,397	12,189,193,568	49,921,878,829

(a) Included in the above table are amounts of deposit-type contracts that originally contained a mortality risk. Amounts of deposit-type contracts that no longer contain a mortality risk in Column 2 are: Life Insurance \$; Annuities \$; Supplementary Contracts with Life Contingencies \$; Accident and Health Contracts \$; Miscellaneous Reserves \$

EXHIBIT 3 - INTERROGATORIES

1.1	Has the reporting entity ever issued both participating and non-participating variable life insurance contracts?	١	Yes [Х]	No	[]	
2.1	Does the reporting entity at present issue both participating and non-participating variable life insurance contracts?	١	Yes [Χ]	No	[]	
2.2	If not, state which kind is issued							
3.1	Is any surrender value promised in excess of the reserve as legally computed?	Yes []	No [[X]	N,	/A []
3.2	If so, the amount of such excess must be included in surrender values in excess of reserves otherwise required and carried in this schedule. Has this been done? Attach a statement of methods employed in the valuation of variable life insurance contracts issued at, or subsequently subject to, an extra premium or in the valuation of contracts otherwise issued on lives classified as substandard for the plan of contract issued or on	Yes []	No [[]	N.	/A [Х]

EXHIBIT 3A - CHANGES IN BASIS OF VALUATION DURING THE YEAR

special class lives (including paid-up variable life insurance).

(Including supplementary contracts set up on a basis other than that used to determine benefits)

1

Valuation Basis
4
Increase in Actuarial Reserve Due to Changed To
Change

9999999 - Totals (Page 6, Line 5, Analysis of Increase in Serve

EXHIBIT 4 - DEPOSIT TYPE CONTRACTS

	1	2	3	4	5 Dividend	6
	Total	Guaranteed Interest Contracts	Annuities Certain	Supplemental Contracts	Accumulations or Refunds	Premium and Other Deposit Funds
	40,000,700,440	4 557 050 707				0.044.700.070
Balance at the beginning of the year	10,869,720,443	1,557,953,767				9,311,766,676
Deposits received during the year	4,974,043,031					4,974,043,031
Investment earnings credited to account	1,680,312,382	123,358,982				1,556,953,400
Other net change in reserves	(325,447)					(325,447)
5. Fees and other charges assessed	63,279,104	3,024,689				60,254,415
6. Surrender charges						
7. Net surrender or withdrawal payments	4, 162, 246, 440					4,162,246,440
Other net transfer to or (from) general account						
9. Balance at the end of current year (Lines 1+2+3+4-5-6-7-8)	13,298,224,865	1,678,288,060				11,619,936,805

EXHIBIT 5 - RECONCILIATION OF CASH AND INVESTED ASSETS

	DEVELOPMENT OF INCREASE IN CASH	1 Amount
1.	Transfers to Separate Accounts on account of:	2
	1.1 Net premiums and considerations for annuities and supplementary contracts with life contingencies	
2.	1.2 Aggregate write-ins for other transfers to Separate Accounts Deposits on deposit-type contract funds and other liabilities without life or disability contingencies	
3.	Investment income collected	
4.	Consideration on disposal of short-term bonds net of purchases	
5.	Consideration on disposal of investments (excluding short-term bonds)	38,788,313,464
6.	Aggregate write-ins for other increases in funds from operations	
7.	Total (Lines 1 to 6)	
8. 9.	Cost of investments acquired (excluding short-term bonds)	
0.	9.1 Death benefits	13,849,174
	9.2 Matured endowments	
	9.3 Annuity benefits	
	9.4 Supplementary contract benefits with life contingencies	
	9.5 Accident and health benefits	
	9.7 Policy loans (net)	
	9.8 Transfers of reserves (net)	
	9.9 Aggregate write-ins for other transfers from Separate Accounts on account of contract benefits	
10.	Other transfers from Separate Accounts:	
	10.1 Federal income taxes	
11	10.2 Aggregate write-ins for other transfers from Separate Accounts Withdrawals on deposit-type contract funds and other liabilities without life or disability contingencies	
11. 12.	Vitnarawals on deposit-type contract funds and other liabilities without life or disability contingencies Investment expenses (Exhibit 1, Line 25)	
12.1	Fees associated with investment management, administration and contract guarantees	
13.	Investment taxes, licenses and fees, excluding federal income taxes (Exhibit 2, Line 9)	
14.	Total (Lines 8 to 13)	56,765,710,797
15.	Funds from operations (Line 7 minus Line 14)	
16.	Surplus contributed or (withdrawn) during year	
17. 18.	Aggregate write-ins for other changes in funds	
19.	Increase in payable for investments acquired, net of receivable for investments sold	
20.	Decrease in policy loans	
21.	Aggregate write-ins for other reconciling items	
22.	Increase in cash (Line 18 to 21)	(345,780,305)
-00	RECONCILIATION BETWEEN YEARS	60 04E 000 000
23. 24.	Cash and invested assets, December 31st of prior year	
24. 25.	Cost of invested assets acquired.	
26.	Adjusted cost of assets disposed of.	
27.	Increase in policy loans.	
28.	Accrual of discount less amortization of premium	
29.	Depreciation on real estate and other invested assets	
30.	Increase in net unrealized gains	
31. 32.	Aggregate write-ins for other reconciling items	75,506,274,154
- 02.	DETAILS OF WRITE-INS	,
01.201.		
	Summary of remaining write-ins for Line 1.2 from overflow page	
	Totals (Lines 01.201 thru 01.203 plus 01.298) (Line 1.2 above)	
0698.	Summary of remaining write-ins for Line 6 from overflow page	
	Totals (Lines 0601 thru 0603 plus 0698) (Line 6 above)	
	Summary of remaining write-ins for Line 9.9 from overflow page	
	Totals (Lines 09.901 thru 09.903 plus 09.998) (Line 09.9 above)	
	Change in remittances and items not allocated	48,993,158
10.202.	Miscellaneous	6,271,506
	Change in other transfers due and accrued	*
	Summary of remaining write-ins for Line 10.2 from overflow page	
	Totals (Lines 10.201 thru 10.203 plus 10.298) (Line 10.2 above)	55,658,541
-		
-		
	Summary of remaining write-ins for Line 17 from overflow page	
	Totals (Lines 1701 thru 1703 plus 1798) (Line 17 above)	
	Foreign currency loss	(1,809)
	Summary of remaining write-ins for Line 21 from overflow page	(1,809)
	Totals (Lines 2101 thru 2103 plus 2198) (Line 21 above)	(1,809)
	Summary of remaining write-ins for Line 31 from overflow page	
3199.	Totals (Lines 3101 thru 3103 plus 3198) (Line 31 above)	

EXHIBIT 6 - GUARANTEED INSURANCE AND ANNUITY PRODUCTS

	1	2
	Amount	Percent of Total
Aggregate reserve for life, annuity and accident and health contracts (Included in Exhibit 3):		
1.1 Life insurance		
1.2 Annuities		
1.3 Supplementary contracts with life contingencies		
1.4 Accident and health		
1.5 Miscellaneous reserves		
1.6 Total		
2. Liability for deposit-type contracts (included in Exhibit 4):		
2.1 Guaranteed interest contracts		
2.2 Annuities certain		
2.3 Supplemental contracts		
2.4 Dividend accumulations or refunds		
2.5 Premium and other deposit funds		
2.6 Total		
3. Other liabilities (included in Page 3, Lines 4, 10, 13 & 14)		
4. Total liabilities associated with guarantees (Lines 1.6 + 2.6 + 3)		
5. Total liabilities not associated with guarantees		100
6. Total Separate Accounts liabilities (Lines 4 + 5 = Page 3, Line 17)	75,965,585,904	100.0

GENERAL INTERROGATORIES

Product Mix

1.01 Identify the product types in the separate account, quantify the assets associated with those products, indicate if there are any guarantees associated with those products, quantify seed money and quantify other fees and expenses due to the general account:

Note: A distinct product identifier shall be used for each product and shall be used consistently throughout the interrogatory.

1	Separate Acc	count Assets	4	5	6	7
	2	3	Guarantees		Fees and	Additional
			Associated with		Expenses	Required
D 1 111 115	Registered with	Not Registered	the Product		Due to the	Surplus
Product Identifier	SEC	with SEC	Yes/No	Seed Money	General Account	Amounts
Non-guaranteed Retirement Services SIAs		41,045,931,995	N0			
Separate Account Guaranteed Interest						
Contract						
Individual Variable Annuity	10,802,590,423	382,258	YES			
Individual Variable Universal Life	1,063,703,108	277,679,735	YES			
Group Variable Universal Life	74,179,629		YES			
Individual Immediate Variable Annuity	60,589,723		YES			
Corporate-owned Life Insurance	144,435,789		YES			
Stable Value Bank-owned Life Insurance		1,616,207,361	YES			
Supplemental Account		1,261,260	NO			1,261,260
Synthetic Guaranteed Interest Contract			YES			
Included in the Separate Account Assets						
total are 17 contracts totaling \$103,506,533						
that are non-insulated, exclusive of seed						
money and unsettled fees and expenses. Total						
MassMutual separate account assets are						
\$75,965,585,904 at 12/31/20. These 17						
noninsulated contracts represent and 0.14% of						
MassMutual's separate account balance at						
12/31/20. Given the immateriality of the						
balances, we are disclosing the existence of						
these 17 non-insulated contracts, but are not						
preparing a separate green book blank.						
Totals	12,145,498,673	63,820,087,232	XXX			1,261,260

Note: Additional Required Surplus Amounts is defined as additional or permanent surplus that is required to be retained in the separate account in accordance with state law or regulation. These amounts should not include reinvested separate account investment proceeds that have not been allocated to separate account contract holders.

1.01A For the products (and related assets) that are not registered with the SEC, identify whether the products are considered private placement variable annuity products or private placement life insurance.

1	N	lot Registered with SE	C
	2	3	4
	Private Placement	Private Placement	Other (Not PPVA or
Product Identifier	Variable Annuity	Life Insurance	PPLI)
Non-guaranteed Retirement Services SIAs			41,045,931,995
Separate Account Guaranteed Interest			
Contract			20,878,624,623
Individual Variable Annuity			
Individual Variable Universal Life			277,679,735
Stable Value Bank-owned Life Insurance			1,616,207,361
Supplemental Account			1,261,260
Totals	19,206		63,820,068,025

1.032 Other Fees and I 1.033 Additional Require f amounts were both reconstruction 1.051 Seed Money Reconstruction lated from the general account: due and additional require	1.01): Expenses	Yes [] No []	No [X]
1.032 Other Fees and I 1.033 Additional Require f amounts were both reconstruction 1.051 Seed Money Reconstruction lated from the general account: due and additional require	Expenses	Yes [] No []	No [X]
1.033 Additional Requirements were both reconstructed from the general account:	red Surplus Amounts\$ reived and reived	Yes [] No []	No [X]
f amounts were both rec 1.051 Seed Money Rec lated from the general a m the general account:	eived and seived	Yes [] No []	No [X]
f amounts were both reconstruction 1.051 Seed Money Reconstruction the general account:	eived and seived\$ seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived\$ seived\$	No []	N/A [X]
f amounts were both reconstruction 1.051 Seed Money Reconstruction the general account:	eived and seived\$ seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived seived\$ seived\$ seived\$	No []	N/A [X]
lated from the general account: m the general account: due and additional requ	iccount? Yes []	No []	N/A [X]
om the general account:	ired surplus	Yes [X]	
due and additional requ	ired surplus	Yes [X]	
due and additional requ	nired surplus	Yes [X]	
due and additional requ	nired surplus	Yes [X]	
11 Seed Money 12 Other Fees and Expe 13 Additional Required Seral account and additional		Yes [X] Yes [X]	
	3 tional Required plus Amounts		
			1,261,260

GENERAL INTERROGATORIES

				Expensesred Surplus Amounts	Yes [X] No [] N/A [
rat	e Account Products with General Account Gua	rantoos		ou curpius / uncurito	
1	Does the reporting entity have products with guar	antees provided by the general a	ccount?		Yes [X] No [
2	Has the separate account collected amounts from	n the general account within the p	past five years related to sep	arate account guarantees	s? Yes [X] No [
3	If yes, provide detail on these guarantees paid by	the general account:			
		1	2		
	0.004 A. (F)	Year			
		31, 2020 31, 2019			
		31, 2018			
		31, 2017			
		31, 2016			
4	To compensate the general account for the risk to account remit risk charges to the general account				
5	If yes, identify the separate account products with that product is reviewed and opined upon:	risk charges that are remitted to	the general account and wh	ether the risk charge for	
	1		2	Name and Title of I	3
	Product Identifier with Risk Charges	Risk Charge Review	ed and Opined Upon		ndividual who Provided n Risk Charges
				Vy Ho, FSA, MAAA, Head	of Insurance Valuation and
	Synthetic Guaranteed Interest Contract	Yes		Appointed Actuary	of Insurance Valuation and
	Separate Account Guaranteed Interest Contract	Yes			of insurance varuation and
	ospania is necessari adam anno as mitor os cosmit as i		ociated with this product		
		are reviewed for reasonab			
		the appropriate actuary,	but no formal opinion on s is required by the NAIC.		
	Individual Variable Annuity		· ·		
	,	No; the risk charges asso	ociated with this product		
		are reviewed for reasonab			
		the appropriate actuary,	but no formal opinion on s s is required by the NAIC.		
	Individual Immediate Variable Annuity		' '		
.6	Provide detail on the risk charges paid to the gen	eral account related to separate a	account guarantees for the p	ast five years:	
		1	2		
		Year	Amount		
		\$1, 2020\$ 31, 2019\$			
		31, 2019 \$ 31, 2018 \$			
		31, 2017 \$			
		31, 2016 \$			
stm 1	ent Directive of Separate Account Activity Does the reporting entity have products classified contract holder? (Situations in which the investme contract holder; however, having the contract holder.)	ents directive mirrors the general	account would not be consid	lered determined by the	
.2	If yes, if these investments would have been includimitations imposed on the general account?				Yes [] No [X] N/A
.3	Provide detail on the separate account investmer account and general investments, excluding separate accounts and general investments.				
	1		2	3	
			Otata lavantanant	Combined	
	Investment Ty	уре	State Investment Limitation	Investment (Separate and General Account)	
	on of Investment Proceeds of Separate Accoun				
cati 1	Does the reporting entity have separate account assessments) are attributed to a contract holder?				e

GENERAL INTERROGATORIES

4.2 If yes, provide detail on the net investment proceeds that were attributed to the contract holder, transferred to the general account and reinvested within the separate account:

1	2	3	4	5
				Reinvested
			Transferred to	Within the
	Net Investment	Attributed to	General	Separate
Product Identifier	Proceeds	Contract Holder	Account	Account
Non-guaranteed Retirement Services SIAs	(6,092,808,769)	(6,092,808,769)		
Separate Account Guaranteed Interest Contract	(1,557,990,892)	(1,557,990,892)		
Supplemental Account	(177,353)	(177,353)		

	Supplemental Account						
4.3	For items reinvested within the Separate Account, does the directives of the general account?	reporting entity invest these assets	in accordance with investment	Yes [] No [] N/A [X	.]
4.4	If no, does the reporting entity have a stated policy and proc account?	edure for the reinvestment of invest	ment proceeds within the separate	Yes [] No [] N/A [X	.]
4.5	Did the reinvestment of investment proceeds within the sepa portfolio that exceeded the state investment limitations impo			Yes [] No [] N/A [X]
l easur 5.1	rement of Separate Account Assets Does the reporting entity report all separate account assets	at fair value?			Yes [X] No []	
5.2	For items not reported at fair value, does the reporting entity measurement methods?	report separate account assets at	amortized cost, and/or under different 5.21 Amortized Cost 5.22 Other Measurement Methods,] No [X]	
5.3	If other measurement methods are used, provide explanatio				100 [, [x]	
5.4	Identify the assets measured at fair value, amortized cost or assets measured under each measurement method:						
	Description 5.41 Fair Value 5.42 Amortized Cost 5.43 Other Measurement Methods	\$	%				
5.5	For the assets not measured at fair value, provide a compar gain or loss that would have been recorded if the assets had		t fair value and identify the unrealized				
	1 2 Assets Held at Amortized Cost Fair Value	3 Unrecorded Unrealized Gain/Loss					
	5.51 \$ \$	\$					
	1 2 Assets Held at Other Measurement Method Fair Value	3 Unrecorded Unrealized Gain/Loss					
	5.52 \$ \$						
ecurit 6.1	3.00				Yes [] No [X]	
6.2	If yes, does the reporting entity have written policies and pro	cedures for such transactions?		Yes [] No [] N/A [X	.]
6.3	Does the reporting entity obtain approval, or otherwise provint that occur with separate account assets?	de notification to contract holders, r	egarding securities lending transaction	s Yes [] No [] N/A [X	.]
6.4	Are all securities lending transactions reported on balance s	heet?		Yes [] No [] N/A [X]
6.5	Provide a description of the reporting entity's securities lend lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities lending transaction program administered by the general according to the securities according to the secur		identifying any variations from the sec	curities			
6.6	Provide detail on the current status of separate account tran 6.61 Amount of any loaned securities within the separate ac		ite account assets lent				
			6.611 Amount 6.612 Percentage.				%
	6.62 Identify whether securities lent are reported at book val	ue or market value	6.621 Book Value 6.622 Market Valu				

GENERAL INTERROGATORIES

			GENER	AL IN I EK	RUGATUR	IE9		
	6.63 Detail on collate	eral received:						
	6.631 Aggregat	e Amount Colla	ateral Received					
	33 33				6.6	311 Open	\$	
						312 30 Days or Less		
						313 31 to 60 Days		
						314 61 to 90 Days		
					6.6	315 Greater than 90 Days	\$	
					6.6	316 Total Collateral Received	\$	
	6.632 The aggr	egate fair value	e of all securities acquired	from the sale, trade or us	e of the accepted collater	ral (reinvested collateral)	\$	
	6.633 Narrative	discussion abo	out sources and uses of c	ollateral:				
	6.634 Collatera	I for transaction	ns that extend beyond one	e year from the reporting of	ate		\$	
6.7	For the reporting en	tity's security le	nding program state the a	amount of the following as	December 31 of the curr	ent vear		
0.7	r or the reporting em	ity 3 3ccurry ic	naing program state the t	amount of the following as	December of or the carry	on year.		
	6.71					ım of Schedule DL, Parts 1	\$	
	6.72	Total book ad	ljusted/carrying value of re	einvested collateral assets	reported on Schedule D	L, Parts 1 and 2 (Sum of		
	6.72					n 3)		
	0.73	i olai payable	ior securities lending rep	orted on the hability page	(Fage 3, Line 14, Column	1 3)	.φ	
7.1 7.2	Provide detail on the	e elements that	support the classification	HLB) funding agreements of FHLB funding agreements	ents within the separate a		Yes [] No [X]
7.3	Provide detail regard	ding the FHLB t	unding agreements class	ified within the separate a	ccount:			
		1	2	3	4	7		
		nt of FHLB	Amount of Collateral	Total Borrowing or	Total Reserves Related	d l		
		urchased or	Pledged to the	Funding Capacity	to FHLB			
	6	wned	FHLB \$	Currently Available	Agreements			
	Ψ		Ψ	Ψ	Ψ	·		
7.4	credit, borrowed mo	ney, etc) and in	tended use of funding.	-	_	ent, type of funding (lines of		
file G/	AAP financial stateme	ents)		•		g entities regardless if they	Yes [] No [X]
8.2	the reporting entity has tatements had been	nave products the completed, re	nat are classified within the	equirements between GA e separate account that whin the general account ur account reporting classifications.	vere, or would have been ider GAAP financials? Pu	if GAAP financial	X] No [] N/A [
				ognized. That is, the sepa al securities laws, or simila		d, approved, and regulated		
						the general account liabilities he assets held in the separate		
		e separate acco	ount as directed by the co	ontractual, statutory, or re ntract holder in designate		vest the contract holder's or in accordance with specific		

d. Investment Performance - All investment performance, net of contract fees and assessments, must as a result of contractual, statutory, or regulatory requirements be passed through to the individual contract holder. Contracts may specify conditions under which there may be a minimum guarantee, but not a ceiling, as a ceiling would prohibit all investment performance from being passed through to the contract holder

GENERAL INTERROGATORIES

8.3 Identify all separate account products and identify whether each product was classified within a separate account for GAAP reporting purposes. (For non-GAAP filers, this disclosure should reflect whether the GAAP classification would have been the same if GAAP financials had been completed.) For products that were (or would have been) reported differently, identify which SOP 03-1 condition prevented separate account GAAP classification for that particular product.

1	2
	Same as GAAP / Condition that Requires GAAP General
Product Identifier	Account Reporting
Separate Account Guaranteed Interest Contract	GAAP GIA Classification due to Investment Performance
Synthetic Guaranteed Interest Contract	GAAP GIA Classification due to Investment Performance
Supplemental Account	GAAP GIA Classification due to Investment Performance
Stable Value Bank-owned Life Insurance	GAAP GIA Classification due to Investment Performance
Non-guaranteed Retirement Services SIAs	Same as GAAP
Individual Variable Annuity	Same as GAAP
Individual Variable Universal Life	Same as GAAP
Group Variable Universal Life	Same as GAAP
Individual Immediate Variable Annuity	Same as GAAP
Corporate-owned Life Insurance	Same as GAAP

Interest Maintenance Reserve

NONE

Interest Maintenance Reserve - Amortization

NONE

Asset Valuation Reserve - Default Component

NONE

Asset Valuation Reserve - Equity Component

NONE

Asset Valuation Reserve - Replications (Synthetic) Assets

NONE

OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Exhibit 5 Line 10.2

Additional Write-ins for Exhibit 5 Line 10.2	
	1
	Amount
10.204. Foreign income tax recoverable	(26)
10.297. Summary of remaining write-ins for Line 10.2 from overflow page	(26)

SCHEDULE A - VERIFICATION BETWEEN YEARS

Real Estate

1.	Book/adjusted carrying value, December 31 of prior year
2.	Cost of acquired:
	2.1 Actual cost at time of acquisition (Part 2, Column 6)
	2.2 Additional investment made after acquisition (Part 2, Column 9)
3.	Current year change in encumbrances:
	3.1 Totals, Part 1, Column 13
	3.2 Totals, Part 3, Column 11
4.	Total gain (loss) on disposals, Part 3, Column 18
5.	Deduct amounts received on disposals, Part 3, C 15, 15, 15, 15, 16, 17, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18
6.	Total foreign exchange change in book/adjusted cary, availe:
	6.1 Totals, Part 1, Column 15
	6.2 Totals, Part 3, Column 13
7.	Deduct current year's other than temporary impairment recognized:
	7.1 Totals, Part 1, Column 12
	7.2 Totals, Part 3, Column 10
8.	Deduct current year's depreciation:
	8.1 Totals, Part 1, Column 11
	8.2 Totals, Part 3, Column 9
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)
10.	Deduct total nonadmitted amounts
11.	Statement value at end of current period (Line 9 minus Line 10)

SCHEDULE B - VERIFICATION BETWEEN YEARS

Mortgage Loans

1.	Book value/recorded investment excluding accrued interest, December 31 of prior year	1,684,716
2.	Cost of acquired:	
	2.1 Actual cost at time of acquisition (Part 2, Column 7)	
	2.2 Additional investment made after acquisition (Part 2, Column 8)	
3.	Capitalized deferred interest and other:	
	3.1 Totals, Part 1, Column 12	
	3.2 Totals, Part 3, Column 11	
4.	Accrual of discount	
5.	Unrealized valuation increase (decrease):	
	5.1 Totals, Part 1, Column 9	
	5.2 Totals, Part 3, Column 8	30 , 159
6.	Total gain (loss) on disposals, Part 3, Column 18	43,059
7.	Deduct amounts received on disposals, Part 3, Column 15	1,757,934
8.	Deduct amortization of premium and mortgage interest points and commitment fees	
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest:	
	9.1 Totals, Part 1, Column 13	
	9.2 Totals, Part 3, Column 13	
10.	Deduct current year's other than temporary impairment recognized:	
	10.1 Totals, Part 1, Column 11	
	10.2 Totals, Part 3, Column 10	
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	
12.	Total valuation allowance	
13.	Subtotal (Line 11 plus 12)	
14.	Deduct total nonadmitted amounts	
15.	Statement value of mortgages owned at end of current period (Line 13 minus Line 14)	

SCHEDULE BA - VERIFICATION BETWEEN YEARS

Other Long-Term Invested Assets

1.	Book/adjusted carrying value, December 31 of prior year		965,207,436
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition (Part 2, Column 8)	38,474,234	
	2.2 Additional investment made after acquisition (Part 2, Column 9)	19,708,412	858, 182,646
3.	Capitalized deferred interest and other:		
	3.1 Totals, Part 1, Column 16		
	3.2 Totals, Part 3, Column 12		
4.	Accrual of discount		
5.	Unrealized valuation increase (decrease):		
	5.1 Totals, Part 1, Column 13	19,825,896	
	5.2 Totals, Part 3, Column 9	(4,713,473)	45,112,423
6.	Total gain (loss) on disposals, Part 3, Column 19		3,422,787
7.	Deduct amounts received on disposals, Part 3, Column 16		39,908,183
8.	Deduct amortization of premium and depreciation		
9.	Total foreign exchange change in book/adjusted carrying value:		
	9.1 Totals, Part 1, Column 17		
	9.2 Totals, Part 3, Column 14		
10.	Deduct current year's other than temporary impairment recognized:		
	10.1 Totals, Part 1, Column 15		
	10.2 Totals, Part 3, Column 11		
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		1,832,017,109
12.	Deduct total nonadmitted amounts		
13.	Statement value at end of current period (Line 11 minus Line 12)		1,832,017,109

SCHEDULE D - VERIFICATION BETWEEN YEARS

Bonds and Stocks

1.	Book/adjusted carrying value, December 31 of prior year	66,976,376,440
2.	Cost of bonds and stocks acquired, Part 3, Column 7	38,753,879,309
3.	Accrual of discount	
4.	Unrealized valuation increase (decrease):	
	4.1. Part 1, Column 12	
	4.2. Part 2, Section 1, Column 15	
	4.3. Part 2, Section 2, Column 13	
	4.4. Part 4, Column 11	4,656,713,105
5.	Total gain (loss) on disposals, Part 4, Column 19	981,686,972
6.	Deduction consideration for bonds and stocks disposed of, Part 4, Column 7	38,616,920,499
7.	Deduct amortization of premium	
8.	Total foreign exchange change in book/adjusted carrying value:	
	8.1. Part 1, Column 15	
	8.2. Part 2, Section 1, Column 19	
	8.3. Part 2, Section 2, Column 16	
	8.4. Part 4, Column 15(11)	55 , 165
9.	Deduct current year's other than temporary impairment recognized:	
	9.1. Part 1, Column 14	
	9.2. Part 2, Section 1, Column 17	
	9.3. Part 2, Section 2, Column 14	
	9.4. Part 4, Column 13	
10.	Total investment income recognized as a result of prepayment penalties and/or acceleration fees, Note 5Q, Line 2	4,751,757
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	72,756,542,249
12.	Deduct total nonadmitted amounts	
13.	Statement value at end of current period (Line 11 minus Line 12)	72,756,542,249

SCHEDULE D - SUMMARY BY COUNTRY

Long-Term Bonds and Stocks OWNED December 31 of Current Year

		Long-Term Bonds and Stocks	1	2	3	4
			Book/Adjusted			
	escription		Carrying Value	Fair Value	Actual Cost	Par Value of Bonds
BONDS	1.		4,324,471,208	4,324,471,208	4,319,530,919	3,942,189,902
Governments	2.	Canada				
(Including all obligations guaranteed	3.	Other Countries	163,531,962	163,531,962	142,940,737	132,330,000
by governments)	4.	Totals	4,488,003,170	4,488,003,170	4,462,471,656	4,074,519,902
U.S. States, Territories and Possessions						
(Direct and guaranteed)	5.	Totals	56,582,515	56,582,515	47,454,451	34,060,000
U.S. Political Subdivisions of States, Territories and Possessions (Direct and guaranteed)	6.	Totals	6,008,049	6,008,049	4,686,342	4,125,000
U.S. Special Revenue and Special Assessment Obligations and all Non- Guaranteed Obligations of Agencies and Authorities of Governments and	_	T. (1)	2 040 204 025	2 040 204 025	1 070 510 050	1 007 100 010
their Political Subdivisions	7.	Totals	2,019,304,025	2,019,304,025	1,979,516,258	1,897,160,212
Industrial and Miscellaneous, SVO	8.	United States	···	11,781,689,060	11,144,663,606	10,993,079,743
Identified Funds, Unaffiliated Bank	9.	Canada		330,637,676	, , , , , , , , , , , , , , , , , , ,	294,395,718
Loans and Hybrid Securities (unaffiliated)	10.	Other Countries	2,629,674,163	2,629,674,163	2,501,276,628	2,459,746,443
,	11.	Totals	14,742,000,899	14,742,000,899	13,943,209,500	13,747,221,904
Parent, Subsidiaries and Affiliates	12.	Totals				
	13.	Total Bonds	21,311,898,658	21,311,898,658	20,437,338,207	19,757,087,018
PREFERRED STOCKS	14.	United States				
Industrial and Miscellaneous	15.	Canada				
(unaffiliated)	16.	Other Countries				
	17.	Totals				
Parent, Subsidiaries and Affiliates	18.	Totals				
	19.	Total Preferred Stocks				
COMMON STOCKS	20.	United States	51,439,584,636	51,439,584,636	44,788,695,535	
Industrial and Miscellaneous	21.	Canada	2,335,647	2,335,647	2,807,737	
(unaffiliated)	22.	Other Countries	2,723,308	2,723,308	2,347,906	
	23.	Totals	51,444,643,591	51,444,643,591	44,793,851,178	
Parent, Subsidiaries and Affiliates	24.	Totals				
	25.	Total Common Stocks	51,444,643,591	51,444,643,591	44,793,851,178	
	26.	Total Stocks	51,444,643,591	51,444,643,591	44,793,851,178	
	27.	Total Bonds and Stocks	72,756,542,249	72,756,542,249	65,231,189,385	

SCHEDULE DA - VERIFICATION BETWEEN YEARS

Short-Term Investments

	Short-renn investments			т .	_
	1	2	3	4	5
	-	5 .		Other Short-term	Investments in Parent,
	Total	Bonds	Mortgage Loans	Investment Assets (a)	Subsidiaries and Affiliates
Book/adjusted carrying value, December 31 of prior year		866,030,199			
	, , , , ,	, , ,			
O Cost of about them investments are visual	3,256,082,655	3,256,082,655			
Cost of short-term investments acquired					
3. Accrual of discount		16,452			
Unrealized valuation increase (decrease)					
. Cincumzed valuation more described.					
	45 044 004	45 044 004			
5. Total gain (loss) on disposals	15,614,661	15,614,661			
Deduct consideration received on disposals	3,822,381,543	3,822,381,543			
·					
7. Deduct amortization of premium	659	659			
7. Deduct amortization of premium		003			
Total foreign exchange change in book/adjusted carrying value					
Deduct current year's other than temporary impairment recognized					
o. Bodde daren year o daler dian temperary impairment recognized					
	045 004 705	045 004 705			
10. Book adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	315,361,765	315,361,765			
11. Deduct total nonadmitted amounts					
12. Statement value at and of current paried (Line 10 minus Line 11)	315,361,765	315,361,765			
12. Statement value at end of current period (Line 10 minus Line 11)	313,301,703	313,301,703			

⁽a) Indicate the category of such assets, for example, joint ventures, transportation equipment:

SCHEDULE DB - PART A - VERIFICATION BETWEEN YEARS

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/adjusted carrying value, December 31, prior year (Line 10, prior year)		95,818,893
2.	Cost paid/(consideration received) on additions:		
	2.1 Current year paid/(consideration received) at time of acquisition, still open, Section 1, Column 12	851,157	
	2.2 Current year paid/(consideration received) at time of acquisition, terminated, Section 2, Column 14		(37,270,565)
3.	Unrealized valuation increase/(decrease):		
	3.1 Section 1, Column 17	(15,556,495)	
	3.2 Section 2, Column 19	10,676,562	(4,879,933)
4.	SSAP No. 108 Adjustments		
5.	Total gain (loss) on termination recognized, Section 2, Column 22		81,479,976
6.	Considerations received/(paid) on terminations, Section 2, Column 15		129,726,848
7.	Amortization:		
	7.1 Section 1, Column 19		
	7.2 Section 2, Column 21	195	195
8.	Adjustment to the book/adjusted carrying value of hedged item:		
	8.1 Section 1, Column 20		
	8.2 Section 2, Column 23		
9.	Total foreign exchange change in book/adjusted carrying value:		
	9.1 Section 1, Column 18	(26,981)	
	9.2 Section 2, Column 20	8,711	(18,270)
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6+7+8+9)		5,403,448
11.	Deduct nonadmitted assets		
12.	Statement value at end of current period (Line 10 minus Line 11)		5,403,448

SCHEDULE DB - PART B - VERIFICATION

Futures Contracts

1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year	ar)		
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Fo	otnote - Cumulative Cash Char	nge Column)	
3.1	Add:			
	Change in variation margin on open contracts - Highly effective hed	ges		
	3.11 Section 1, Column 15, current year minus			
	3.12 Section 1, Column 15, prior year			
	Change in variation margin on open contracts - All other			
	3.13 Section 1, Column 18, current year minus	(579,850)		
	3.14 Section 1, Column 18, prior year	(17,884,725)	17,304,875	17,304,875
3.2	Add:			
	Change in adjustment to basis of hedged item			
	3.21 Section 1, Column 17, current year to date minus			
	3.22 Section 1, Column 17, prior year			
	Change in amount recognized			
	3.23 Section 1, Column 19, current year to date minus	(579,850)		
	3.24 Section 1, Column 19, prior year plus	(17,884,725)		
	3.25 SSAP No. 108 Adjustments		17,304,875	17,304,875
3.3	Subtotal (Line 3.1 minus Line 3.2)			
4.1	Cumulative variation margin on terminated contracts during the year (Sec	ction 2, Column 15)	136,858,870	
4.2	Less:			
	4.21 Amount used to adjust basis of hedged item (Section 2, Column 17)			
	4.22 Amount recognized (Section 2, Column 16)	136,858,870		
	4.23 SSAP No. 108 Adjustments		136,858,870	
4.3	Subtotal (Line 4.1 minus Line 4.2)			
5.	Dispositions gains (losses) on contracts terminated in prior year:			
	5.1 Total gain (loss) recognized for terminations in prior year			
	5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in $\boldsymbol{\mu}$	orior year		
6.	Book/Adjusted carrying value at end of current period (Lines 1+2+3.3-4.3	-5.1-5.2)		
7.	Deduct total nonadmitted amounts			
8.	Statement value at end of current period (Line 6 minus Line 7)			

Schedule DB - Part C - Section 1 - Replication (Synthetic Asset) Transactions (RSATs) Open **N O N E**

Schedule DB-Part C-Section 2-Reconciliation of Replication (Synthetic Asset) Transactions Open ${f N} \ {f O} \ {f N} \ {f E}$

SCHEDULE DB - VERIFICATION

Verification of Book/Adjusted Carrying Value, Fair Value and Potential Exposure of all Open Derivative Contracts

		Book/Adjusted Carrying V	alue Check
1.	Part A, Section 1, Column 14	5,403,448	
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance		
3.	Total (Line 1 plus Line 2)		5,403,448
4.	Part D, Section 1, Column 5	9,928,028	
5.	Part D, Section 1, Column 6	(4,524,580)	
6.	Total (Line 3 minus Line 4 minus Line 5)		
		Fair Value Chec	:k
7.	Part A, Section 1, Column 16	5,403,448	
8.	Part B, Section 1, Column 13	(579,850)	
9.	Total (Line 7 plus Line 8)		4,823,598
10.	Part D, Section 1, Column 8	9,928,028	
11.	Part D, Section 1, Column 9		
12	Total (Line 9 minus Line 10 minus Line 11)		(579,850)
		Potential Exposure 0	Check
13.	Part A, Section 1, Column 21	131,766,300	
14.	Part B, Section 1, Column 20	17,619,295	
15.	Part D, Section 1, Column 11	149,385,595	
16.	Total (Line 13 plus Line 14 minus Line 15)		

SCHEDULE E - PART 2 - VERIFICATION BETWEEN YEARS

	(Casii	Equivalents)	0	3	4
		'	2	Money Market	4
		Total	Bonds	Mutual funds	Other (a)
1.	Book/adjusted carrying value, December 31 of prior year	771,707,785	765,296,494	6,411,291	
2.	Cost of cash equivalents acquired	25,475,421,278	24,673,583,069	801,838,209	
3.	Accrual of discount	16,626	16,626		
4.	Unrealized valuation increase (decrease)				
5.	Total gain (loss) on disposals	9,768,876	9,768,876		
6.	Deduct consideration received on disposals	25,844,715,965	25,039,931,069	804,784,896	
7.	Deduct amortization of premium				
8.	Total foreign exchange change in book/adjusted carrying value				
9.	Deduct current year's other than temporary impairment recognized				
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	412,198,600	408,733,996	3,464,604	
11.	Deduct total nonadmitted amounts				
12.	Statement value at end of current period (Line 10 minus Line 11)	412,198,600	408,733,996	3,464,604	

⁽a) Indicate the category of such investments, for example, joint ventures, transportation equipment: