QUARTERLY STATEMENT

OF THE

C.M. Life Insurance Company

TO THE

Insurance Department

OF THE

STATE OF

FOR THE QUARTER ENDED SEPTEMBER 30, 2014

LIFE AND ACCIDENT AND HEALTH

2014



LIFE AND ACCIDENT AND HEALTH COMPANIES - ASSOCIATION EDITION

QUARTERLY STATEMENT

AS OF SEPTEMBER 30, 2014 OF THE CONDITION AND AFFAIRS OF THE

C.M. Life Insurance Company

Output

O

N/			e <u>93432</u> Employer's	ID Number	06-1041383
Organized under the Laws of	, , ,	Prior) cticut , S	State of Domicile or Port of E	Entry	Connecticut
Country of Domicile		United States of	America		
Incorporated/Organized	04/25/1980		Commenced Business		05/12/1981
Statutory Home Office	100 Bright Meadow	Boulevard ,		Enfield , CT,	US 06082
	(Street and Nu	mber)	(City or	Town, State, Co	ountry and Zip Code)
Main Administrative Office		1295 State S			
	Springfield , MA, US 01111	(Street and Nu	ımber)	413-788	-8411
(City o	r Town, State, Country and Zip C		(A		phone Number)
Mail Address	1295 State Street			Springfield , Ma	A, US 01111
	(Street and Number or P.	O. Box)	(City or	Town, State, Co	ountry and Zip Code)
Primary Location of Books ar	nd Records	1295 State S			
	Springfield , MA, US 01111	(Street and Nu	ımber)	413-788	-8411
(City o	r Town, State, Country and Zip C	ode)	(A		phone Number)
Internet Website Address		www.massmuti	ual.com		
Statutary Statement Contact	Tommy	A. Peatman		415	2.744.6227
Statutory Statement Contact		Name)	·		3-744-6327 (Telephone Number)
	tpeatman@massmutual.com (E-mail Address)			413-226 (FAX Nu	
	(L-mail Address)			(I AX Nu	iniber)
		OFFICE	RS		
President and Chief Executive Officer	Roger William	Crandall	Treasurer		Todd Garett Picken
Secretary	Christine Caro	e Peaslee	Actuary		Isadore Jermyn
		OTHER	}		
	Executive Vice President and ancial Officer	Mark Douglas Roellig Execu General Co		Michael Rol	bert Fanning Executive Vice President
	Executive Vice President	General Co	urisei	WIICHAEI NO	Detti anning Executive vice President
		DIRECTORS OR	TDIICTEEC		
	Crandall - Chairman	Michael Rober			Michael Thomas Rollings
Mark Do	uglas Roellig		<u> </u>		-
State of	Massachusetts				
State of County of	Hampden	SS:			
all of the herein described a statement, together with relat condition and affairs of the sa in accordance with the NAIC rules or regulations require respectively. Furthermore, the	ssets were the absolute property ed exhibits, schedules and expla aid reporting entity as of the repoi Annual Statement Instructions a differences in reporting not rel ne scope of this attestation by the	r of the said reporting entity, frontions therein contained, anne- ting period stated above, and o- und Accounting Practices and P- ated to accounting practices are described officers also include	ee and clear from any liens xed or referred to, is a full a f its income and deductions rocedures manual except to and procedures, according es the related correspondin	or claims there nd true stateme therefrom for th to the extent that to the best of g electronic filin	d that on the reporting period stated above, con, except as herein stated, and that this nt of all the assets and liabilities and of the reperiod ended, and have been completed to the training that state their information, knowledge and belief, g with the NAIC, when required, that is an y various regulators in lieu of or in addition
Roger William President and Chief E		Christine Carole Secretar	y		Todd Garett Picken Treasurer
Subscribed and sworn to before day of			a. Is this an original filing b. If no, 1. State the amendme 2. Date filed	ent number	

ASSETS

		<u> </u>	Current Ctatement Date		4
		1	Current Statement Date 2	3 Net Admitted Assets	4 December 31 Prior Year Net
	Davida	Assets 4,275,931,246	Nonadmitted Assets	(Cols. 1 - 2) 4,275,931,246	Admitted Assets 4,695,111,925
	Bonds	4,275,951,240		4,275,951,240	4,095,111,925
۷.	Stocks: 2.1 Preferred stocks	27 630 805		27,639,895	26 508 825
		216,863,055		216,863,055	
2		210,000,000		210,003,000	204,249,194
3.	Mortgage loans on real estate: 3.1 First liens	024 961 106		924,861,106	081 122 460
				924,001,100	001, 133,400
4	3.2 Other than first liens				
	4.1 Properties occupied by the company (less \$				
	encumbrances)				
	4.2 Properties held for the production of income (less				
	4.2 Properties field for the production of income (less \$	26 0/1 707		26,041,787	26 001 662
		20,041,767		20,041,767	20,991,002
	4.3 Properties held for sale (less \$				
	encumbrances)				
5.	Cash (\$(7,368,966)), cash equivalents				
	(\$254,581,424) and short-term				
	investments (\$14,966,842)				
6.	Contract loans (including \$ premium notes)				
7.	Derivatives			387,844,228	
8.	Other invested assets				
9.	Receivables for securities	137,324,162		137,324,162	106,115,018
10.	Securities lending reinvested collateral assets				
11.	Aggregate write-ins for invested assets				
12.	Subtotals, cash and invested assets (Lines 1 to 11)	6,640,724,077	4,244,889	6,636,479,188	6,982,774,951
13.	Title plants less \$ charged off (for Title insurers				
	only)				
14.	Investment income due and accrued	94,757,961	932,385	93,825,576	93,657,432
15.	Premiums and considerations:				
	15.1 Uncollected premiums and agents' balances in the course of collection	118,556	8,662	109,894	513,508
	15.2 Deferred premiums, agents' balances and installments booked but				
	deferred and not yet due (including \$				
	earned but unbilled premiums)	(23,989,528)		(23,989,528)	(26, 145, 083)
	15.3 Accrued retrospective premiums				
16.	Reinsurance:				
	16.1 Amounts recoverable from reinsurers	9,638,082		9,638,082	5,087,536
	16.2 Funds held by or deposited with reinsured companies				
	16.3 Other amounts receivable under reinsurance contracts	8,702,713		8,702,713	8,706,844
17.	Amounts receivable relating to uninsured plans				
18.1	Current federal and foreign income tax recoverable and interest thereon				
18.2	Net deferred tax asset	153,904,532	106,307,076	47,597,456	45,445,360
19.	Guaranty funds receivable or on deposit	1,962,423		1,962,423	1,936,449
20.	Electronic data processing equipment and software				
21.	Furniture and equipment, including health care delivery assets				
	(\$)				
22.	Net adjustment in assets and liabilities due to foreign exchange rates				56
	Receivables from parent, subsidiaries and affiliates			318,546	319,625
	Health care (\$) and other amounts receivable				
	Aggregate write-ins for other than invested assets				
	Total assets excluding Separate Accounts, Segregated Accounts and				
	Protected Cell Accounts (Lines 12 to 25)	6,887,030,830	112,311,305	6,774,719,525	7,112,362,910
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts	1 927 7/2 766		1,837,743,766	1 971 660 560
00					
28.	Total (Lines 26 and 27)	8,724,774,596	112,311,305	8,612,463,291	8,984,023,479
	DETAILS OF WRITE-INS				
1101.					
1102.					
1103.					
1198.	Summary of remaining write-ins for Line 11 from overflow page				
1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)			_	
	Miscellaneous			75 , 175	66,232
	Commissions and expenses on long term lease				
2503.	Cash advanced to agents	25,406	25,406		
2598.	Summary of remaining write-ins for Line 25 from overflow page				
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	893,468	818,293	75,175	66,232

LIABILITIES, SURPLUS AND OTHER FUNDS

		1 1	2
		Current	December 31
		Statement Date	Prior Year
1.	Aggregate reserve for life contracts \$4,564,918,885 less \$		
	(including \$ Modco Reserve)		
	Aggregate reserve for accident and health contracts (including \$ Modco Reserve)		
	Liability for deposit-type contracts (including \$ Modco Reserve)	59,205,478	53,902,236
4.	Contract claims:	4 070 700	45 040 040
	4.1 Life		
_	4.2 Accident and health		
	Policyholders' dividends \$		
6.	Provision for policyholders' dividends and coupons payable in following calendar year - estimated amounts:		
	6.1 Dividends apportioned for payment (including \$ Modco)		
	6.2 Dividends not yet apportioned (including \$		
	6.3 Coupons and similar benefits (including \$ Modco)		
7.	Amount provisionally held for deferred dividend policies not included in Line 6		
8.	Premiums and annuity considerations for life and accident and health contracts received in advance less		
	\$ discount; including \$ accident and health premiums	10,264	11,650
9.	Contract liabilities not included elsewhere:		
	9.1 Surrender values on canceled contracts		
	9.2 Provision for experience rating refunds, including the liability of \$ accident and health		
	experience rating refunds of which \$ is for medical loss ratio rebate per the Public Health		
	Service Act		
	9.3 Other amounts payable on reinsurance, including \$ assumed and \$1,174,194		
	ceded		
	9.4 Interest Maintenance Reserve	41,469,000	
10.	Commissions to agents due or accrued-life and annuity contracts \$, accident and health		
	\$ and deposit-type contract funds \$		
11.	Commissions and expense allowances payable on reinsurance assumed		
12.	General expenses due or accrued	56,883	31,111
13.	Transfers to Separate Accounts due or accrued (net) (including \$(7,726,007) accrued for expense		
	allowances recognized in reserves, net of reinsured allowances)	(8,004,166)	(9,031,777)
14.	Taxes, licenses and fees due or accrued, excluding federal income taxes	2,409,749	2,340,143
	Current federal and foreign income taxes, including \$	45,602,401	25,783,878
	Net deferred tax liability		
16.	Unearned investment income		
17.	Amounts withheld or retained by company as agent or trustee		558,511
18.	Amounts held for agents' account, including \$ agents' credit balances		
19.	Remittances and items not allocated	20,453,516	18,070,741
20.	Net adjustment in assets and liabilities due to foreign exchange rates		
21.	Liability for benefits for employees and agents if not included above		
22.	Borrowed money \$ and interest thereon \$		
23.	Dividends to stockholders declared and unpaid		
24.	Miscellaneous liabilities:		
	24.01 Asset valuation reserve	81.663.507	67.801.581
	24.02 Reinsurance in unauthorized and certified (\$		
	24.03 Funds held under reinsurance treaties with unauthorized and certified (\$		
	24.04 Payable to parent, subsidiaries and affiliates		
	24.05 Drafts outstanding		
	24.06 Liability for amounts held under uninsured plans		
	24.07 Funds held under coinsurance		
	24.08 Derivatives		
	24.09 Payable for securities	4 085 507	20 796 200
	24.10 Payable for securities lending		20,700,200
	24.11 Capital notes \$		
25.	Aggregate write-ins for liabilities	367,427,358	370, 174, 525
26.	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	5,577,712,986	6,041,158,715
	Total natificial sociation of peparate Accounts business (Lines 1 to 25)	1,837,743,766	1,871,660,569
27.	From Separate Accounts Statement Total liabilities (Lines 26 and 27)	7,415,456,752	7,912,819,284
28.			
29.	Common capital stock		2,500,000
30.	Preferred capital stock		
31.	Aggregate write-ins for other than special surplus funds		
32.	Surplus notes		
33.	Gross paid in and contributed surplus		
34.	Aggregate write-ins for special surplus funds		
35.	Unassigned funds (surplus)	44,230,331	, 18,427,987
36.	Less treasury stock, at cost:		
	36.1 shares common (value included in Line 29 \$		
	36.2 shares preferred (value included in Line 30 \$)		
l l	Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement)	1,194,506,539	1,068,704,195
38.	Totals of Lines 29, 30 and 37	1,197,006,539	1,071,204,195
39.	Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	8,612,463,291	8,984,023,479
	DETAILS OF WRITE-INS		
2501.	Repurchase agreements and interest expense	240,275,754	186,398,309
2502.	Derivative interest expense		
2503.	Derivative collateral		114,303,364
2598.	Summary of remaining write-ins for Line 25 from overflow page	1,585,870	1,407,297
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	367,427,358	370, 174, 525
3101.			
3102.			
3103.			
3198.	Summary of remaining write-ins for Line 31 from overflow page		
3199.	Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401.	Totals (Lines of of through of too plus of too)(Line of above)		
3402.			
3403.			
3498.	Summary of remaining write-ins for Line 34 from overflow page		
3499.	Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)		
5 100.			

SUMMARY OF OPERATIONS

20. Totals (Limes 10 to 19)			1	2	3
1. Premium and annuly considerations for tife and excellent and feedin controlled 20, 37, 500, 208, 587, 398, 208, 209, 200, 200, 200, 200, 200, 200, 200				Prior Year	Prior Year Ended
2. Considerations for supplementary controls with 16 confingencies 1. Mail insentant real Businessame Statem (180) 1. Septical Alternative Replacements of the Control (180) 1. Replacements and removal and septical septical replacements of the Control (180) 1.		Donais and annuits and annuits of the section of th			
3. Not investment incrors July 1960 1962 1963 1964 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 19		•	. , . , .	, , ,	, , ,
A montanion of interest National Assertion (NP)					,
Segretaries Accounts and gast from operations exciting unrealised gains or bissess 1,5 55,5 1,5 56,5 1,5 56,5 17,5 17,5 17,5 17,5 17,5 17,5 17,5 17					
7. Reserve alptichments on manusurous seeps	5.	Separate Accounts net gain from operations excluding unrealized gains or losses			
8. Miscollanous Income 1. Image: provided the contract of				13,994,321	
B. Income from loss associated with investment management, administration and contract Substitute two Septimes Account Processing Substitute two Septimes Account Processing B. Agriculture with the six of the		·		(16,685,121)	(21,993,585)
generations from Septemb Accounts (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10) (1, 10, 10, 10, 10) (1, 10, 10, 10, 10, 10) (1, 10, 10, 10, 10, 10, 10) (1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	8.				
8. 2 Charges and fear for deposit place contracts. 9. 3 Agroupes where for ministrational flooring services. 9. 1 20 June 1997 15 10 June 1997 15 10 June 1997 15 10 June 1997 15 June 1997		8.1 Income from fees associated with investment management, administration and contract quarantees from Separate Accounts	31 306 542	31 203 696	41 709 819
8. Agregates with an time of miscellamous income. 1.79,505 1,232,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 2,247,253 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,232 1. 123,				91,200,000	
10		9 1 21	1,709,550	1,523,328	2,074,205
1.1 Married incommental conducting guaranteed annual pure endownereds 73, 978, 877 74, 525, 417 95, 562, 311	9.	Totals (Lines 1 to 8.3)	547,359,475	547,912,844	
12. Arminy brends 7,5 91,627 74,533,472 55,627 12,533,472 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,000 13,00	10.	Death benefits	74,672,198	48,817,224	69,604,100
Section Sect					
14. Couptons, guaranteed armula pure incomerates and similar bronefes 431, 442, 785 539, 979, 207 447, 093, 395 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10		Annuity benefits	73,978,627		, ,
15. Surrection benefits and windingwate for life contractes.	-			,	, ,
16. Giray provincesions 2,946,55 1,297,73 2,960,000		Surrender benefits and withdrawals for life contracts	413 442 705	359 978 237	
17. Interest and adjustments on contract or capposit type contract funds					
18. Payments on supplementary contracts with tile contingencies 564,888 487,808 777,1250 (or. 144, 22)		Interest and adjustments on contract or deposit-type contract funds	2,546,951	1,259,735	
15. Increase in aggregate reserves for life and accident and health contracts 125, 903, 999 127, 171, 865 167, 143, 201 22. 12, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201 23, 201		Payments on supplementary contracts with life contingencies	584,389	467,808	
22	19.				(67,414,323)
Decimination of the process and expenses allowances on reinsurance assumed 2.5 (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (2.5) (20.	Totals (Lines 10 to 19)	439,617,291	458,812,916	588, 164, 976
22	21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct	40.0== 000	47 A	00 === ==:
25. General insurance expenses		business only)	16,877,900	17,812,720	
24. Insurance taxes, licenses and fees, evoluting federal income taxes 5,778,915 5,144,655 20,045 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,230 2,				25 045 074	
25. Increase in loading on deferred and uncollected premiums		Insurance taxes licenses and fees excluding federal income taxes	6 778 Q15	6 144 665	
28. Net transfers to or (trom) Separate Accounts not of reinsurance .182, 886, 633 .109, 102, 255 .21, 598 .21, 255 .241, 599 .22 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .236 .23		Increase in loading on deferred and uncollected premiums	(51 982)	25 024	, ,
27. Aggregate write-ins for deductions		Net transfers to or (from) Separate Accounts net of reinsurance	(82,866.603)	(109, 102, 882)	(142,285,644)
28. Totals (Lines 20 to 27)					
Line 289	28.		426,605,153	399,850,868	516,135,901
30 Dividendis to policipholders 20 100 20 120 754, 322 148, 061, 976 231, 553, 339 232 648, 061, 261 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 262 241, 26	29.	Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus			
131 Net gain from operations after dividends to policyholders and before federal income taxes (Line 29 minus Line 30)		,	120,754,322	148,061,976	231,553,539
minus Line 30)					
22 Federal and foreign income taxes incurred (excluding tax on capital gains) 27, 082, 720 38, 423, 990 49, 881, 221	31.		120 754 322	148 061 976	231 553 539
Net gain from operations after dividends to policyholders and federal income taxes and before realized capital gains of (cosses) (Line 31 minus Line 32) 19, 637, 986 181, 672, 018 34. Net realized capital gains (losses) (excluding gains losses) transferred to the IMR) 18, 980, 993 19, 981, 190, 190, 190, 190, 190, 190, 190, 19	32	'			, ,
realized capital gains or (losses) (Line 31 minus Line 32)	_	`		, ,	,
gains tax of \$		realized capital gains or (losses) (Line 31 minus Line 32)	93,671,602	109,637,986	181,672,018
Transferred to the MR (9, 341, 903) (6, 783, 556) (11, 054, 679)	34.				
Section Sect			(0.044.000)	(0.700.050)	(44.054.070)
Capital and surplus, December 31, prior year 36. Capital and surplus, December 31, prior year 37. Net income (Line 35) 38. Change in net unrealized capital gains (losses) less capital gains tax of \$ 1,577,225 14,752,414 (9,111,688) (29,756,683) 39. Change in net unrealized foreign exchange capital gain (loss) (18,856,593) 1,277,707 2,980,291 40. Change in net deferred income tax (29,151,688) (29,155,683) (29,155,683) (27,177,677 2,980,291 41. Change in notadmitted assets (29,151,246) (29,180,967 30,300,183 42. Change in liability for reinsurance in unauthorized and certified companies (3,000,000) (4,209,123 43. Change in liability for reinsurance in unauthorized and certified companies (13,061,926) (4,785,372 (2,641,540 44. Change in asset valuation reserve (13,061,926) (4,785,372 (2,641,540 45. Change in reasury stock (13,061,926) (4,785,372 (2,641,540 46. Surplus (contributed to) withdrawn from Separate Accounts during period (13,061,926) (4,785,372 (2,641,540 47. Other changes in surplus notes (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140 (2,111,140	0.5			. , , ,	
36	35.	· · · · · · · · · · · · · · · · · · ·	84,329,799	102,854,130	170,617,339
37. Net income (Line 35)	26		1 071 204 105	060 920 247	060 920 247
38. Change in net unrealized capital gains (losses) less capital gains tax of \$ 1,577.225					
33 Change in net unrealized foreign exchange capital gain (loss) (8.685,953) 1.277.707 2.980.287 40. Change in not deferred income tax (29.613,246) 29.803.967 30.300, 183 41 Change in not deferred income tax (29.613,246) 29.803.967 30.300, 183 42 Change in notadinited assets (37.726,134 (36.715,025) (50.448,138 42 Change in liability for reinsurance in unauthorized and certified companies (13.000,000) (4.209,123 43 Change in reserve on account of change in valuation basis, (increase) or decrease (13.861,926) (4.705,372 (2.641,540) 44 Change in reserve von account of change in valuation basis, (increase) or decrease (13.861,926) (4.705,372 (2.641,540) 45 Change in reserve stock (13.861,926) (4.705,372 (2.641,540) 46 Surplus (contributed to) withdrawn from Separate Accounts during period (4.70 Other changes in surplus in Separate Accounts Statement (4.70 Other changes in surplus in Separate Accounts Statement (4.70 Other changes in surplus in Separate Accounts Statement (4.70 Other changes in surplus in Separate Accounts Statement (4.70 Other changes in surplus in Separate Accounts Statement (4.70 Other changes in surplus of So.2 Transferred from surplus (Stock Dividend) (5.02 Transferred from surplus (Stock Dividend) (5.70 Transferred from surplus (Stock Dividend) (5.70 Transferred from surplus as a result of reinsurance (5.12 Transferred to capital (Stock Dividend) (5.13 Transferred to capital (Stock Dividend) (5.13 Transferred to capital (Stock Dividend) (5.13 Transferred to capital stockholders (5.14 Transferred from capital St.4 Change in surplus as a result of reinsurance (5.14 Transferred from capital St.4 Change in surplus as a result of reinsurance (5.14 Transferred from capital St.4 Change in surplus as a result of reinsurance (5.14 Transferred from capital St.4 Change in surplus as a result of reinsurance (5.14 Transferred from capital St.4 Change in surplus as a result of reinsurance (5.14 Transferred from capital St.4 Change in surplus as a result of reinsurance (5.14 Transferred from capital St.4 Tr				, ,	, ,
40. Change in net deferred income tax					. , , ,
41. Change in nonadmitted assets 42. Change in Inability for reinsurance in unauthorized and certified companies 43. Change in reserve on account of change in valuation basis, (increase) or decrease 43. Change in reserve on account of change in valuation basis, (increase) or decrease 44. Change in reserve y stock 45. Change in treasury stock 46. Surplus (contributed to) withdrawn from Separate Accounts during period 47. Other changes in surplus in Separate Accounts Statement 48. Change in surplus notes 49. Cumulative effect of changes in accounting principles 50. Capital changes: 50.1 Paid in 50.2 Transferred to surplus (Stock Dividend) 50.3 Transferred to surplus (Stock Dividend) 51.3 Transferred to capital (Stock Dividend) 51.3 Transferred from acpital 51.4 Change in surplus as a result of reinsurance 52. Dividends to stockholders 53. Aggregate write-ins for gains and losses in surplus 54. Net change in capital and surplus for the year (Lines 37 through 53) 55. Capital and surplus, as of statement date (Lines 36 + 54) 56. DETAILS OF WRITE-INS 57. DETAILS OF WRITE-INS 57. DETAILS OF WRITE-INS 57. Surplus as a summary of remaining write-ins for cline 8.3 from overflow page 57. DETAILS OF WRITE-INS 57.		Change in net deferred income tax	(29,613,246)	29,803,967	
43. Change in reserve on account of change in valuation basis, (increase) or decrease (3,000,000) (4,209,123	41.	Change in nonadmitted assets	37,726,134	(36,715,025)	(50,448,138)
44. Change in asset valuation reserve	42.				
46. Surplus (contributed to) withdrawn from Separate Accounts during period 47. Other changes in surplus in Separate Accounts Statement 48. Change in surplus notes 49. Cumulative effect of changes in accounting principles 50. Capital changes: 50.1 Paid in 50.2 Transferred from surplus (Stock Dividend) 50.3 Transferred to surplus 50.1 Paid in 50.2 Transferred to capital (Stock Dividend) 51.3 Transferred to capital (Stock Dividend) 51.3 Transferred from capital 51.4 Change in surplus as a result of reinsurance 51.1 Paid in 51.2 Transferred from capital 51.4 Change in surplus as a result of reinsurance 52. Dividends to stockholders 53. Aggregate write-ins for gains and losses in surplus 54. Net change in capital and surplus, as of statement date (Lines 37 through 53) 55. Capital and surplus, as of statement date (Lines 36 + 54) 56. Capital and surplus, as of statement date (Lines 36 + 54) 57. DETAILS OF WRITE-INS 58. DETAILS OF WRITE-INS 59. Summary of remaining write-ins for Line 8.3 from overflow page 59. Summary of remaining write-ins for Line 8.3 from overflow page 59. Summary of remaining write-ins for Line 8.3 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 27 from overflow page 59. Summary of remaining write-ins for Line 53 from overflow page		Change in reserve on account of change in valuation basis, (increase) or decrease		(3,000,000)	(4,209,123)
46. Surplus (contributed to) withdrawn from Separate Accounts during period 47. Other changes in surplus in Separate Accounts Statement 48. Change in surplus notes 49. Cumulative effect of changes in accounting principles 50. Capital changes: 50.1 Paid in 50.2 Transferred from surplus (Stock Dividend) 50.3 Transferred from surplus (Stock Dividend) 50.3 Transferred to surplus 51. Surplus adjustment: 51.1 Paid in 51.2 Transferred to capital (Stock Dividend) 51.3 Transferred from capital 51.4 Change in surplus as a result of reinsurance 52. Dividends to stockholders 53. Aggregate write-ins for gains and losses in surplus 54. Net change in capital and surplus for the year (Lines 37 through 53) 55. Capital and surplus, as of statement date (Lines 36 + 54) 56. Capital and surplus, as of statement date (Lines 36 + 54) 57. DETAILS OF WRITE-INS 58.301. Administrative fee and other income 59.302. 59.303. 50.303. 50.303. 50.304. 50.305. 50.306. 50.307. 50.308. 50.3098. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50.3099. 50					
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54. Net change in capital and surplus for the year (Lines 37 through 53) 125,802,344 82,961,059 110,364,948 55. Capital and surplus, as of statement date (Lines 36 + 54) 1,197,006,539 1,043,800,306 1,071,204,195 DETAILS OF WRITE-INS 08.301. Administrative fee and other income 1,709,550 1,523,328 2,074,205 08.302. 08.303. 1,709,550 1,523,328 2,074,205 08.398. Summary of remaining write-ins for Line 8.3 from overflow page 1,709,550 1,523,328 2,074,205 2701. Miscel laneous charges to operations 20,586,631 212,554 241,599 2702. 2703. 2798. Summary of remaining write-ins for Line 27 from overflow page 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 20,586,631 212,554 241,599 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 41,155,122 (6,483,426) (6,483,426)				(6,483,426)	(6,483,426)
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08.301. Administrative fee and other income 1,709,550 1,523,328 2,074,205 08.302. 08.303. 08.398. Summary of remaining write-ins for Line 8.3 from overflow page 1,709,550 1,523,328 2,074,205 2701. Miscellaneous charges to operations 20,586,631 212,554 241,599 2702. 2703. 2798. Summary of remaining write-ins for Line 27 from overflow page 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) (6,483,426) 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 20,586,631 212,554 241,599				1,043,800,306	1,071,204,195
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08.398. Summary of remaining write-ins for Line 8.3 from overflow page 1,709,550 1,523,328 2,074,205 2701. Miscellaneous charges to operations 20,586,631 212,554 241,599 2702. 2703. 298. Summary of remaining write-ins for Line 27 from overflow page 20,586,631 212,554 241,599 2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 41,155,122 (6,483,426)					
08.399. Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above) 1,709,550 1,523,328 2,074,205 2701. Miscellaneous charges to operations 20,586,631 212,554 241,599 2703. 2798. Summary of remaining write-ins for Line 27 from overflow page 20,586,631 212,554 241,599 2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 41,155,122 (6,483,426) (6,483,426) 5398. Summary of remaining write-ins for Line 53 from overflow page 20,586,631 212,554 241,599					
2701. Miscellaneous charges to operations 20,586,631 212,554 241,599 2702. 2703. 2798. Summary of remaining write-ins for Line 27 from overflow page 20,586,631 212,554 241,599 2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 41,155,122 41,155,122				1 522 220	2 074 205
2702. 2703. 2798. Summary of remaining write-ins for Line 27 from overflow page 2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. 0ther changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page			, ,		
2703. 2798. Summary of remaining write-ins for Line 27 from overflow page 2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 41,155,122 41,155,122		•		,	
2798. Summary of remaining write-ins for Line 27 from overflow page 2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. Other changes in surplus 41,155,122 (6,483,426) (6,483,426) 5302. 5303. 5398. Summary of remaining write-ins for Line 53 from overflow page 5300.					
2799. Totals (Lines 2701 through 2703 plus 2798)(Line 27 above) 20,586,631 212,554 241,599 5301. Other changes in surplus					
5301. Other changes in surplus		Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	20,586,631	212,554	241,599
5303			41,155,122	(6,483,426)	
5398. Summary of remaining write-ins for Line 53 from overflow page					
5399. Totals (Lines 5301 through 5303 plus 5398)(Line 53 above) 41, 155, 122 (6, 483, 426) (6, 483, 426)				(0.400.400)	/0.400.400
	5399.	otals (Lines 5301 through 5303 plus 5398)(Line 53 above)	41,155,122	(6,483,426)	(6,483,426)

CASH FLOW

	CASH FLOW	,		
		1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
	Cash from Operations	040 040 400	004 000 000	050 007 400
			264,333,603	359,297,409
	let investment income		252,003,947	342,229,704
3. N	Aiscellaneous income	42,054,726	30,505,942	39,860,33
	Total (Lines 1 to 3)	531,337,806	546,843,492	741,387,450
5. E	Senefit and loss related payments	579,471,787	504,962,805	658,990,756
	Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts		(106,531,198)	, . ,
7. (Commissions, expenses paid and aggregate write-ins for deductions	71,847,921	49,680,803	74,688,79
8. [Dividends paid to policyholders			
9. F	Federal and foreign income taxes paid (recovered) net of \$			
	gains (losses)	23,204,512	29,274,259	44,914,06
10.	Fotal (Lines 5 through 9)	590,630,006	477,386,669	638,936,67
11.	Net cash from operations (Line 4 minus Line 10)	(59,292,200)	69,456,823	102,450,778
	Cash from Investments			
12. F	Proceeds from investments sold, matured or repaid:			
1	2.1 Bonds	1,185,890,563	1,035,573,078	1,318,587,14
1	2.2 Stocks	1,732,003	12,627,331	13, 174, 52
1	2.3 Mortgage loans	74,909,033	125,222,999	165,047,80
1	2.4 Real estate	1,865,803		2,351,63
1	2.5 Other invested assets		47,307,816	
1	2.6 Net gains or (losses) on cash, cash equivalents and short-term investments		(375,344)	
	2.7 Miscellaneous proceeds	39,612,877	(62,099,190)	(165,697,99
	2.8 Total investment proceeds (Lines 12.1 to 12.7)	1.345.596.369	1,158,256,690	1,390,788,08
	Cost of investments acquired (long-term only):	, , , , , , , , , , , , , , , , , , , ,	, , , , , ,	, ,
	3.1 Bonds	725 974 230	1 081 941 631	1 360 707 47
	3.2 Stocks			
	3.3 Mortgage loans			
	3.4 Real estate		* *	
				1,286,47
	3.5 Other invested assets		62,602,862	
	3.6 Miscellaneous applications	16,710,695	(3,307,903)	(19,108,57
	3.7 Total investments acquired (Lines 13.1 to 13.6)	912,530,644	1,391,049,145	1,709,532,01
	Net increase (or decrease) in contract loans and premium notes	(35,632,705) 468,698,430	(2,255,989) (230,536,466)	137,54 (318,881,46
16. (Cash from Financing and Miscellaneous Sources Cash provided (applied):			
1	6.1 Surplus notes, capital notes			
1	6.2 Capital and paid in surplus, less treasury stock			
1	6.3 Borrowed funds			
1	6.4 Net deposits on deposit-type contracts and other insurance liabilities	3,738,384	(2,289,609)	(5,619,80
	6.5 Dividends to stockholders			
	6.6 Other cash provided (applied)	(365,635,553)	(70,930,498)	(67,717,20
17. N	Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5			
	plus Line 16.6)	(361,897,169)	(73,220,107)	(73,337,00
16	RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS	47 500 004	(004 000 750)	(000 707 00
	Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	47,509,061	(234,299,750)	(289,767,69
	Cash, cash equivalents and short-term investments:			
1	9.1 Beginning of year			
-	9.2 End of period (Line 18 plus Line 19.1)	262,179,299	270 , 138 , 185	214,670,23
	plemental disclosures of cash flow information for non-cash transactions:			
	Policyholders' reserves transferred for reinsurance agreement	362,870,960 304,271,091		
0.0003	. Policy loans transferred for reinsurance agreement	37,505,862		
	Bond conversions and refinancing		32,076,578	39,414,44
0.0006	. Bank loan rollovers	7,020,233	165,485,755	
	Other liabilities transferred for reinsurance agreement		336,226	452.57
0.0009	. Interest capitalization for long-term debt	182,106	70,572	143,61
0 0010	. Dividend reinvestment	86,352	35,973	58,9

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

Note: Supplemental disclosures of cash now information for non-cash transactions.		
20.0011. Bond conversions to other invested assets	22,206,656	27,863,684
20.0012. Stock conversion	2,011,712	2,011,712
20.0013. Other invested assets stock distributions	1,443	1,443
20.0014. Mortgages converted to other invested assets		8,207,028

EXHIBIT 1

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	DIRECT PREMIUMS AND DEPOSIT-TYPE O	1	2	3
		Current Year	∠ Prior Year	Prior Year Ended
		To Date	To Date	December 31
1.	Industrial life			
2.	Ordinary life insurance	170 137 360	17/1 780 508	236 035 834
۷.	Orumary life insurance	170, 137, 309	174,700,330	200,000,004
		105 000 077	000 504 570	000 440 070
3.	Ordinary individual annuities	185,993,377	200,504,573	209, 140,278
4.	Credit life (group and individual)			
5.	Group life insurance	37,573	51,351	1,334,364
6.	Group annuities			
7.	A & H - group			
8.	A & H - credit (group and individual)			
0.	The state (group and marrieda)			
9.	A & H - other			
3.	A & IT - OLIIGI			
40				
10.	Aggregate of all other lines of business			
		050 400 040	075 000 500	500 540 477
11.	Subtotal	356, 168, 319	375,336,522	506,510,477
12.	Deposit-type contracts			
13.	Total	356,168,319	375,336,522	506,510,477
	DETAILS OF WRITE-INS			
1001				
1002.				
1002.				
1000				
1003.				
1098.	Summary of remaining write-ins for Line 10 from overflow page			
1099.	Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)			

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Note 1 - Summary of Significant Accounting Policies

a. Accounting practices:

The accompanying financial statements of C.M. Life Insurance Company (the Company) have been prepared in conformity with accounting practices of the Accounting Practices and Procedures Manual (SAP) as issued by the National Association of Insurance Commissioners (NAIC) and the accounting practices prescribed or permitted by the State of Connecticut Insurance Department (the Department).

		State of Domicile 2014		2014	2013
			(I	n Millions)	
NET IN	ICOME				
(1)	State basis (Page 4, Line 35, Columns 1 & 3)	CT	\$	84	\$ 171
(2)	State prescribed practices that increase (decrease) NAIC SAP	-		-	-
(3)	State permitted practices that increase (decrease) NAIC SAP	-			
(4)	NAIC SAP (1-2-3=4)	CT	\$	84	\$ 171
SURPI	LUS				
(5)	State basis (Page 3, Line 38, Columns 1 & 2)	CT	\$	1,197	\$ 1,071
(6)	State prescribed practices that increase (decrease) NAIC SAP	-		-	-
(7)	State permitted practices that increase (decrease) NAIC SAP	-		-	
(8)	NAIC SAP (5-6-7=8)	CT	\$	1,197	\$ 1,071

- b. Use of estimates in the preparation of the financial statements No significant changes
- c. Accounting policy No significant changes

Note 2 - Accounting Changes and Corrections of Errors

a. Under statutory accounting principles, corrections of prior year errors are recorded in current year surplus on a pretax basis with any associated tax impact reported through earnings. The following summarizes corrections of prior year errors:

		Nine Months Ended September 30, 2014							
		Increase (D	ecrease)	to:	С	Correction			
		Prior Current			Prior Curr			C	of Assets
	,	Year	Υ	'ear	or Liability				
	Ir	Income		ırplus	Balances				
			(In N	fillions)					
Other liabilities Policyholders' reserves	\$	11 (3)	\$	11 (3)	\$	(11) 3			
Total	<u>e</u>	(3)	•	<u>(3)</u> 8	· ·	(8)			
Total	Ψ	0_	φ	<u> </u>	Ψ	(6)			

For the nine months ended September 30, 2013, the Company recorded a decrease of \$6 million related to premium income (ceded).

b. Adoption of new accounting standards:

In December 2013, the NAIC issued Statement of Statutory Accounting Principles (SSAP) No. 105, "Working Capital Finance Investments," which establishes statutory accounting principles for working capital finance investments. This statement also amends SSAP No. 20, "Nonadmitted Assets," to allow working capital finance investments as admitted assets to the extent they conform to the requirements of SSAP No. 105. This new guidance was effective January 1, 2014, and did not have an impact on the Company's financial statements.

In December 2013, the NAIC adopted modifications to SSAP No. 26, "Bonds, Excluding Loan-Backed and Structured Securities," to clarify the amortization requirements for bonds with make-whole call provisions and bonds that are continuously callable. These revisions do not allow insurers to consider make-whole call provisions in determining the timeframe for amortizing bond premium or discount unless information is known by the reporting entity indicating that the issuer is expected to invoke the provision. These clarifying changes were effective January 1, 2014, and did not have a significant impact on the Company's financial statements.

Note 3 - Business Combinations and Goodwill - No significant changes

Note 4 - Discontinued Operations - No significant changes

Note 5 - Investments

- a. Mortgage loans, including mezzanine real estate loans No significant changes
- b. Debt restructuring No significant changes
- c. Reverse mortgages No significant changes
- d. Loan-backed and structured securities:
 - (1) No significant changes

(2) The following contains loan-backed and structured securities that recognized other-than-temporary impairments (OTTI) classified on the following bases for recognizing OTTI:

	(1)		(3)	
	Amortized	OTTI Recognized		
	Cost Basis	in	Loss	
	Before	(2a)	(2b)	Fair Value
	OTTI	Interest	Non-interest	1-(2a+2b)
		(In I	Millions)	
OTTI recognized in the first quarter			•	•
a. Intent to sell	\$ -	\$ -	\$ -	\$ -
 Inability or lack of intent to retain the investmer in the security for a period of time sufficient to 	Ιζ			
recover the amortized cost basis	11		2	۵
c. Total first quarter	\$ 11	\$ -	\$ 2	\$ 9
c. Total first quarter	Ψ 11	Ψ	Ψ	<u>Ψ </u>
OTTI recognized in the second quarter				
d. Intent to sell	\$ -	\$ -	\$ -	\$ -
e. Inability or lack of intent to retain the investmer	nt	·		·
in the security for a period of time sufficient to				
recover the amortized cost basis	7	_		7
f. Total second quarter	\$ 7	\$ -	\$ -	\$ 7
OTTI recognized in the third quarter				
g. Intent to sell	\$ -	\$ -	\$ -	\$ -
h. Inability or lack of intent to retain the investmer	nt			
in the security for a period of time sufficient to				
recover the amortized cost basis		<u> </u>	<u> </u>	
i. Total third quarter	<u> </u>	\$ -	\$ -	<u> </u>
OTTI recognized in the fourth quarter				
j. Intent to sell	\$ -	\$ -	\$ -	\$ -
k. Inability or lack of intent to retain the investmen	nt			
in the security for a period of time sufficient to				
recover the amortized cost basis			. <u>-</u>	
I. Total fourth quarter	\$ -	\$ -	\$ -	<u> </u>
m. Annual Aggregate Total		\$ -	\$ 2	
III. Allindal Aggregate Total		Ψ -	Ψ Ζ	

Note: All impairments were taken due to the present value of cash flows expected to be collected being less than the amortized cost basis.

- (3) Refer to Note 36. "Impairment Listing for Loan-Backed and Structured Securities" for a CUSIP detail list of impaired structured securities where the present value of cash flows expected to be collected is less than the amortized cost basis.
- (4) As of September 30, 2014, the gross unrealized losses and fair values for investments in structured and loan-backed securities for which an OTTI has not been recognized in earnings follow (in millions):
 - The aggregate amount of unrealized losses:

1. Less than 12 months \$ (3)2. 12 months or longer (5)

The aggregate related fair value of securities with unrealized losses:

1. Less than 12 months 174 \$ 2. 12 months or longer 133

- (5) No significant changes
- Repurchase agreements No significant changes e.
- f. Real estate - No significant changes
- Low income housing tax credit properties No significant changes g.
- Restricted assets No significant changes h.
- i. Working capital finance investments - The Company does not invest in working capital finance investments.

Note 6 - Joint Ventures, Partnerships and LLCs - No significant changes

Note 7 - Investment Income - No significant changes

Note 8 - Derivative Instruments - No significant changes

Note 9 - Income Taxes - No significant changes

Note 10 – Information Concerning Parent, Subsidiaries and Affiliates a-d. No significant changes

Effective January 1, 2014, the Company recaptured certain life insurance policies that were ceded to the Massachusetts Mutual Life Insurance Company (MassMutual) under a modified coinsurance (Modco) reinsurance arrangement. The Company incurred a \$25 million loss to recapture the business.

Prior to January 1, 2014, the Company had a Modco quota-share reinsurance agreement with MassMutual where the Company ceded 75% of the premium on certain universal life policies. MassMutual had funded the Company a stipulated expense allowance, death and surrender benefits, and a Modco adjustment based on experience. The Company retained the assets and related reserves for payment of future benefits on the ceded policies. The Modco adjustment was the mechanism by which MassMutual funded the reserve on the reinsured portion of the risk. It was needed to adjust for the financial effect of the Company holding the reserves on the ceded coverage rather than MassMutual.

The Company has reinsurance agreements with MassMutual including coinsurance and a stop-loss agreement. With respect to the coinsurance agreement with MassMutual, MassMutual assumes substantially the entire premium on certain universal life policies issued by the Company.

f-I. No significant changes

Note 11 - Debt

- No significant changes
- The Company is not a member of the Federal Home Loan Bank (FHLB) therefore it has no FHLB funding

Note 12 - Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and <u>Other Postretirement Benefit Plans</u> - No significant changes

Note 13 - Capital and Surplus, Shareholders' Dividend Restrictions and Quasi-Reorganizations - No significant

- Note 14 Contingencies

 a. Contingent commitments No significant changes
 - b. Assessments No significant changes
 - c. Gain contingencies No significant changes
 - Claims related to extra contractual obligations No significant changes d.
 - All other contingencies:

The Company is involved from time to time in litigation arising in and out of the normal course of business, which seeks both compensatory and punitive damages. While the Company is not aware of any actions or allegations that should reasonably give rise to a material adverse impact to the Company's financial position or liquidity, the outcome of litigation cannot be foreseen with certainty. It is the opinion of management that the ultimate resolution of these matters will not materially impact the Company's financial position or liquidity. However, the outcome of a particular proceeding may be material to the Company's operating results for a particular period depending upon, among other factors, the size of the loss or liability and the level of the Company's income for the period.

Regulatory matters:

The Company is subject to governmental and administrative proceedings and regulatory inquiries, examinations and investigations in the ordinary course of its business. In connection with regulatory inquiries, examinations and investigations, the Company has been contacted by various regulatory agencies including, among others, the Securities and Exchange Commission and various state insurance departments and state attorneys general. Company has cooperated fully with these regulatory agencies with regard to their inquiries, examinations and investigations and has responded to information requests and comments.

Market volatility in the financial services industry over the last several years has contributed to increased scrutiny of the entire financial services industry. Therefore, the Company believes that it is reasonable to expect that proceedings, regulatory inquiries, examinations and investigations into the insurance and financial services industries will continue for the foreseeable future. Additionally, new industry-wide legislation, rules and regulations could significantly affect the insurance and financial services industries as a whole. It is the opinion of management that the ultimate resolution of these regulatory inquiries, examinations, investigations, legislative and regulatory changes of which we are aware will not materially impact the Company's financial position or liquidity. However, the outcome of a particular matter may be material to the Company's operating results for a particular period depending upon, among other factors, the financial impact of the matter and the level of the Company's income for the period.

Note 15 - Leases - No significant changes

Note 16 – Information About Financial Instruments With Off-Balance Sheet Risk and Financial Instruments With Concentrations of Credit Risk - No significant changes

Note 17 -Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

- Transfers of receivables reported as sales No significant changes
- Transfer and servicing of financial assets: b.
 - The Company did not participate in securities lending as of September 30, 2014 or December 31, 2013. (1)
 - (2)The Company did not have any servicing assets or liabilities in 2014 or 2013.
 - The Company did not have any servicing assets or liabilities in 2014 or 2013. (3)
 - The Company did not have interests that continue to be held by a transferor in securitized financial (4) assets in 2014 or 2013.

- (5) The Company did not have any transfers of financial assets accounted for as secured borrowing in 2014 or 2013.
- The Company did not have any transfers of receivables with recourse in 2014 or 2013. (6)
- Repurchase agreements no significant changes (7)

Wash sales: C.

- In the course of the Company's investment management activities, securities may be sold and (1) reacquired within 30 days of the sale date.
- (2) The Company did not sell any securities with the NAIC Designation 3 or below through the third quarter ended September 30, 2014 that were reacquired within 30 days of the sale date.

Note 18 - Gain or Loss to the Reporting Entity from Uninsured Plans and the Uninsured Portion of Partially Insured Plans - No significant changes

Note 19 - Direct Premium Written/Produced By Managing General Agents/Third Party Administrators - No significant

- Note 20 Fair Value Measurements

 a. Fair value as defined and unique level descriptions No significant changes
 - The following presents the Company's fair value hierarchy for assets and liabilities that are carried at fair

value:	Sontombor 20, 2014							
	September 30, 2014 Level 1 Level 2 Level 3					-	Total	
		5701 1		(In Mi				Total
Financial assets:								-
Bonds:								
Industrial and miscellaneous	\$	-	\$	4	\$	1	\$	5
Parent, subsidiaries and affiliates		-		9		-		9
Preferred stocks		1		-		-		1
Common stock - unaffiliated		-		-		3		3
Common stock - affiliated		6		-		-		6
Separate account assets		1,838		-		-		1,838
Derivatives:								
Interest rate swaps		-		345		-		345
Options		-		35		-		35
Currency swaps		-		5		-		5
Forward contracts		-		3		-		3
Credit default swaps		-		-		-		
Total financial assets carried								
at fair value	\$	1,845	\$	401	\$	4	\$	2,250
Financial Babilities								
Financial liabilities: Repurchase agreements	\$	_	\$	240	\$	_	\$	240
Derivatives:	Ψ		Ψ	240	Ψ		Ψ	240
Interest rate swaps		_		373		_		373
Currency swaps		-		6		-		6
Credit default swaps		-		-		-		-
Total financial liabilities carried	-							
at fair value	\$	-	\$	619	\$	-	\$	619

For the nine months ended September 30, 2014 there were no significant transfers between Level 1 and Level 2

	December 31, 2013							
	Level 1 Level 2 Level 3					Total		
				(In Mi	llions)			
Financial assets:								
Bonds:								
Industrial and miscellaneous	\$	-	\$	1	\$	1	\$	2
Parent, subsidiaries and affiliates		-		18		-		18
Preferred stocks		1		-		-		1
Common stock - unaffiliated		-		-		2		2
Common stock - affiliated		6		-		-		6
Separate account assets		1,872		-		-		1,872
Derivatives:								
Interest rate swaps		-		387		-		387
Options		-		31		-		31
Currency swaps		-		1		-		1
Forward contracts		-		-		-		-
Credit default swaps		-		-		-		
Total financial assets carried								
at fair value	\$	1,879	\$	438	\$	3	\$	2,320
Financial liabilities:								
Repurchase agreements	\$	-	\$	186	\$	-	\$	186
Derivatives:								
Interest rate swaps		-		391		-		391
Currency swaps		-		10		-		10
Forward contracts		-		2		-		2
Credit default swaps		-		1		-		1
Total financial liabilities carried								
at fair value	\$	-	\$	590	\$	-	\$	590

For the year ended December 31, 2013 there were no significant transfers between Level 1 and Level 2.

2. The following presents changes in the Company's Level 3 financial instruments that are carried at fair value:

	Balar	nce													Balar	nce
	as c	of	Trar	nsfers ⁽¹⁾	Losses	s in	Gains	in							as o	of
	01/01/2	2014	In	Out	Net Inco	ome	Surplu	ıs	Purch	ases	Issuan	ices	Sales	Settlements	09/30/2	2014
								(In N	(lillions							
Financial assets:																
Bonds:																
Industrial and miscellaneous	\$	1	\$ -	\$ -	\$	-	\$	-	\$	-	\$	-	\$ -	\$ -	\$	1
Preferred stocks		-	-	-		-		-		-		-	-	-		-
Common stocks - unaffiliated		2	-	-		-		1		-		-	-	-		3
Total financial assets	\$	3	\$ -	\$ -	\$	-	\$	1	\$	-	\$	-	\$ -	\$ -	\$	4

⁽¹⁾ Transfers include assets that are either no longer carried at fair value, or have just begun to be carried at fair value, such as assets with no level changes but change in lower of cost or market carrying basis.

	Balan as o		Tran	sfers ⁽¹⁾	Gair (Losse		Losses ir	1							Balar as o	
	01/01/2	2013	In	Out	Net Inc	ome	Surplus	Р	urchase	es	Issuand	ces	Sales	Settlements	12/31/2	2013
							(In	Millic	ons)							
Financial assets:																
Bonds:																
Industrial and miscellaneous	\$	4	\$2	\$ -	\$	(1)	\$	-	\$	-	\$	-	\$ -	\$ (4)	\$	1
Common stock - unaffiliated		2	-	-		-		1		-		-	(1)	-		2
Total financial assets	\$	6	\$2	\$ -	\$	(1)	\$	1	\$	-	\$	-	\$ (1)	\$ (4)	\$	3

⁽¹⁾ Transfers include assets that are either no longer carried at fair value, or have just begun to be carried at fair value, such as assets with no level changes but change in lower of cost or market carrying basis.

- 3. Fair value hierarchy classifications No significant changes
- 4. Valuation techniques and inputs No significant changes
- 5. Derivative assets and liabilities fair value disclosures No significant changes
- b. The Company provides additional fair value information in Notes 1, 5, 8, 21, 32 and 34 on an annual basis.
- c. The following presents a summary of the carrying values and fair values of the Company's financial instruments:

			Se	eptembe	er 30,	2014				
	 gregate r Value	mitted ssets	Le	vel 1	Le	vel 2	L	evel 3	Pra (Ca	Not cticable arrying alue)
				(In M	illions)				
Financial assets:										
Bonds:										
U. S. government and agencies	\$ 295	\$ 272	\$	-	\$	294	\$	1	\$	-
All other governments	2	2		-		2		-		-
States, territories and possessions	92	86		-		92		-		-
Special revenue	96	84		-		96		-		=
Industrial and miscellaneous	3,731	3,523		-	:	2,268		1,463		-
Parent, subsidiaries and affiliates	334	308		-		128		206		-
Preferred stocks	30	28		15		1		14		-
Common stock - unaffiliated	3	3		-		-		3		-
Common stock - affiliated	6	6		6		-		-		-
Mortgage loans - commercial	722	703		-		-		722		-
Mortgage loans - residential	216	223		-		-		216		-
Cash, cash equivalents and										
short-term investments	262	262		(7)		269		-		-
Separate account assets	1,838	1,838		1,838		-		-		-
Derivatives:										
Interest rate swaps	345	345		-		345		-		-
Options	35	35		-		35		-		-
Currency swaps	5	5		-		5		-		-
Forward contracts	3	3		-		3		-		-
Financial liabilities:										
Repurchase agreements	240	240		-		240		-		-
Individual annuity contracts	3,358	3,244		-		-		3,358		-
Supplementary contracts	49	49		-		-		49		-
Derivatives:										
Interest rate swaps	373	373		-		373		-		-
Currency swaps	6	6		-		6		-		-
Forward contracts	-	-		-		-		-		-

				De	ecembe	er 31	2013			
	 regate Value		nitted sets	Le	vel 1	L	evel 2	L	evel 3	Not Practicable (Carrying Value)
					(In M	illion	s)			
Financial assets:										
Bonds:		_		_		_		_		•
U. S. government and agencies	\$ 366	\$	337	\$	-	\$	365	\$	1	\$ -
All other governments	2		3		-		2		-	-
States, territories and possessions	97		97		-		97		-	-
Special revenue	131		120		-		131		-	-
Industrial and miscellaneous	3,909	3	3,776		-		2,500		1,409	-
Parent, subsidiaries and affiliates	384		362		-		154		230	-
Preferred stocks	27		27		12		1		14	-
Common stock - unaffiliated	2		2		-		-		2	_
Common stock - subsidiary and affiliate	6		6		6		-		-	-
Mortgage loans - commercial	662		661		-		-		662	-
Mortgage loans - residential	194		200		-		-		194	=
Cash, cash equivalents and										
short-term investments	215		215		(32)		247		-	-
Separate account assets	1,872	•	1,872		1,872		-		-	-
Derivatives:										
Interest rate swaps	387		387		-		387		-	-
Options	31		31		-		31		-	-
Currency swaps	1		1		-		1		-	-
Forward contracts	-		-		-		-		-	-
Financial liabilities:										
Repurchase agreements	186		186		-		186		-	-
Individual annuity contracts	3,484	3	3,368		-		-		3,484	-
Supplementary contracts	45		45		-		-		45	-
Derivatives:										
Interest rate swaps	391		391		-		391		-	-
Currency swaps	10		10		-		10		-	-
Forward contracts	2		2		-		2		-	-
Credit default swaps	1		1		-		1		-	-

d. For the nine months ended September 30, 2014, the Company had no investments where it was not practicable to estimate fair value.

Note 21 - Other Items

- a. Extraordinary items No significant changes
- b. Troubled debt restructuring No significant changes
- c. Other disclosures and unusual items No significant changes

Business risks

The Company operates in a business environment subject to various risks and uncertainties. Such risks and uncertainties include, but are not limited to, currency exchange risk, interest rate risk and credit risk. Interest rate risk is the potential for interest rates to change, which can cause fluctuations in the value of investments and amounts due to policyholders. To the extent that fluctuations in interest rates cause the duration of assets and liabilities to differ, the Company manages its exposure to this risk by, among other things, asset/liability management techniques that account for the cash flow characteristics of the assets and liabilities. This quarterly risks and uncertainties disclosure should be read in conjunction with the statutory disclosure in the Company's 2013 year end annual financial statements.

Currency exchange risk

The Company has currency risk due to its non-U.S. dollar investments. The Company mitigates currency risk through the use of cross-currency swaps and forward contracts. Cross-currency swaps are used to minimize currency risk for certain non-U.S. dollar assets through a pre-specified exchange of interest and principal. Forward contracts are used to hedge movements in exchange rates.

Investment and interest rate risks

As interest rates increase, certain debt securities may experience slower amortization or prepayment speeds than assumed at purchase, impacting the expected maturity of these securities and the ability to reinvest the proceeds at the higher yields. Rising interest rates may also result in a decrease in the fair value of the investment portfolio. As interest rates decline, certain debt securities may experience accelerated amortization and prepayment speeds than assumed at purchase. During such periods, the Company is at risk of lower net investment income as it may not be able to reinvest the proceeds at comparable yields. Declining interest rates may also increase the fair value of the investment portfolio.

- d. Business interruption insurance recoveries No significant changes
- e. State transferrable tax credits No significant changes

- Subprime mortgage related risk exposure: (1) No significant changes

 - (2) No significant changes
 - The actual cost reduced by paydowns, carrying value, fair value and related gross realized losses from OTTI of the Company's investments with significant Alt-A and subprime exposure were as follows:

		Se	eptemb	er 30, 2	014		Nine Months Er September 3 2014	
	A	ctual	Carry	ring	F	air		
Alt-A:		Cost	Valu	ıe	V	alue	OTTI	
				(Ir	Millio	ns)		
a. Residential mortgage-backed securities	\$	53	\$	36	\$	45	\$	-
b. Commercial mortgage-backed securities		-		-		-		-
c. Collateralized debt obligations		-		-		-		-
d. Structured securities		-		-		-		-
e. Equity investments in SCAs *		5		3		4		-
f. Other assets		-		-		-		
g. Total	\$	58	\$	39	\$	49	\$	-

		S	eptemb	er 30, 2	014		Nine Months E September 3 2014	
	Ad	ctual	Carry	/ing	F	air		
Subprime:	C	ost	Valu	Je	V	alue	OTTI	
				(lı	n Millic	ns)		
a. Residential mortgage-backed securities	\$	28	\$	22	\$	24	\$	-
b. Commercial mortgage-backed securities		-		-		-		-
c. Collateralized debt obligations		-		-		-		-
d. Structured securities		-		-		-		-
e. Equity investments in SCAs *		5		2		3		-
f. Other assets		-		-		-		
g. Total	\$	33	\$	24	\$	27	\$	

 $^{^{\}star}$ The Company's SCA, MML Bay State, has investments in Alt-A and subprime mortgages. These investments comprise less than 1% of the Company's invested assets.

		D	ecembe	er 31, 20)13		Year Ende December 3 2013	
	A	ctual	Carry	ring	F	air		
Alt-A:		Cost	Valu	ıe	V	alue	OTTI	
				(In N	/lillions)		
a. Residential mortgage-backed securities	\$	74	\$	50	\$	59	\$	-
b. Commercial mortgage-backed securities		-		-		-		-
c. Collateralized debt obligations		-		-		-		-
d. Structured securities		-		-		-		-
e. Equity investments in SCAs *		6		4		5		-
f. Other assets		-		-		-		
g. Total	\$	80	\$	54	\$	64	\$	

		D	ecembe	er 31, 20	13		Year Ende December 2013	
	A	ctual	Carry	ring	F	air		
Subprime:		Cost	Valu	ıe	V	alue	OTTI	
				(In M	lillions)			
a. Residential mortgage-backed securities	\$	30	\$	24	\$	25	\$	-
b. Commercial mortgage-backed securities		-		-		-		-
c. Collateralized debt obligations		-		-		-		-
d. Structured securities		-		-		-		-
e. Equity investments in SCAs *		5		2		3		-
f. Other assets		-		-		-		
g. Total	\$	35	\$	26	\$	28	\$	

^{*} The Company's SCA, MML Bay State, has investments in Alt-A and subprime mortgages. These investments comprise less than 1% of the Company's invested assets.

- (4) The Company has no underwriting exposure to subprime mortgage risk through Mortgage Guaranty or Financial Guaranty insurance coverage.
- Retained asset accounts No significant changes
- Offsetting and netting of assets and liabilities:

The following summarizer gross and net information of derivatives assets and liabilities, along with collateral posted in connection with master netting agreements:

					Septemb	oer 3	0, 2014				
				C	Gross						
		Due	&	An	nounts			Co	llateral		Net
	 Gross	Accr	ued	C	Offset		Net	Р	osted	Ar	mount
					(In I	Millic	ns)				
Derivative assets	\$ 388	\$	33	\$	(423)	\$	(2)	\$	(117)	\$	(119)
Derivative liabilities	 380		81		(423)		38		(148)		(110)
Net	\$ 8	\$	(48)	\$	-	\$	(40)	\$	31	\$	(9)

						Decemb	er 31	1, 2013				
					G	ross						
			Due	&	Am	ounts			Col	lateral	Ν	et
		Gross	Accru	ıed	0	ffset		Net	Po	sted	Amo	ount
						(In I	Millio	ns)				
	\$	419	\$	41	\$	(231)	\$	229	\$	(133)	\$	96
es		404		68		(231)		241		(146)		95
	\$	15	\$	(27)	\$	-	\$	(12)	\$	13	\$	1
	_											

Derivative assets Derivative liabilitie Net

Note 22 - Events Subsequent

The Company has evaluated subsequent events through November 5, 2014, the date the financial statements were available to be issued, and no events have occurred subsequent to the balance sheet date and before the date of evaluation that would require disclosure.

Note 23 - Reinsurance

- Ceded Reinsurance Report:
 - Section 1 General Interrogatories No significant changes
 - Section 2 Ceded Reinsurance Report Part A No significant changes
 - Section 3 Ceded Reinsurance Report Part B:
 - (1) No significant changes
 - (2) Effective January 1, 2014, the Company entered into an indemnity coinsurance agreement to cede 100% of certain universal life policies to an unaffiliated insurance company. As part of the coinsurance agreement, the Company transferred investments of \$317 million, and ceded reserves net of policy loans, of approximately \$324 million.
- b-d. No significant changes
- Note 24 Retrospectively Rated Contracts and Contracts Subject to Redetermination No significant changes
- Note 25 Change in Incurred Losses and Loss Adjustment Expenses No significant changes
- Note 26 Intercompany Pooling Arrangements No significant changes
- Note 27 Structured Settlements No significant changes
- Note 28 Health Care Receivables No significant changes
- Note 29 Participating Policies No significant changes
- Note 30 Premium Deficiency Reserves No significant changes
- Note 31 Reserves for Life Contracts and Annuity Contracts No significant changes
- Note 32 Analysis of Annuity Actuarial Reserves and Deposit Liabilities by Withdrawal Characteristics No significant changes
- Note 33 Premium and Annuity Considerations Deferred and Uncollected No significant changes
- Note 34 Separate Accounts No significant changes
- Note 35 Loss/Claim Adjustment Expenses No significant changes

Note 36 - Impairment Listing for Loan-Backed and Structured Securities

The following are the total cumulative adjustments and impairments for loan-backed and structured securities since July 1, 2009:

Period Ended	Amortized Cost before Cumulative Adjustment	Cumulative Adjustment	Amortized Cost before OTTI	Projected Cash Flow	Recognized OTTI	Amortized Cost after OTTI	Fair Value
September 30, 2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
June 30, 2014	6,799,823.11	-	6,799,823.11	6,410,214.05	(389,609.06)	6,410,214.05	8,821,202.53
March 31, 2014	10,842,786.00	-	10,842,786.00	9,332,953.14	(1,509,832.86)	9,332,953.14	11,545,155.67
December 31, 2013	13,068,728.02	-	13,068,728.02	12,446,802.54	(621,925.48)	12,446,802.54	13,075,121.87
September 30, 2013	8,777,769.26	-	8,777,769.26	8,640,444.44	(137,324.82)	8,640,444.44	8,226,635.01
June 30, 2013	11,479,347.45	-	11,479,347.45	11,079,157.68	(400,189.77)	11,079,157.68	10,139,599.32
March 31, 2013	15,334,535.05	-	15,334,535.05	14,970,375.96	(364,159.09)	14,970,375.96	14,135,121.66
December 31, 2012	31,785,329.35	-	31,785,329.35	30,443,342.37	(1,341,986.98)	30,443,342.37	27,669,976.79
September 30, 2012	67,270,430.45	-	67,270,430.45	65,265,347.34	(2,005,083.11)	65,265,347.34	57,019,261.58
June 30, 2012	70,455,899.87	-	70,455,899.87	69,041,733.13	(1,414,166.74)	69,041,733.13	55,143,333.36
March 31, 2012	87,853,178.35	-	87,853,178.35	85,053,001.11	(2,800,177.24)	85,053,001.11	67,243,938.01
December 31, 2011	90,342,741.95	-	90,342,741.95	87,759,853.27	(2,582,888.68)	87,759,853.27	61,663,658.75
September 30, 2011	62,166,554.35	-	62,166,554.35	60,544,908.62	(1,621,645.73)	60,544,908.62	45,284,653.78
June 30, 2011	80,582,826.88	-	80,582,826.88	76,857,392.88	(3,725,434.00)	76,857,392.88	60,286,999.44
March 31, 2011	87,925,923.39	-	87,925,923.39	85,768,903.43	(2,157,019.96)	85,768,903.43	65,285,429.38
December 31, 2010	78,922,236.87	-	78,922,236.87	77,329,040.51	(1,593,196.36)	77,329,040.51	57,284,607.12
September 30, 2010	75,579,157.67	-	75,579,157.67	73,844,794.15	(1,734,363.52)	73,844,794.15	53,531,682.15
June 30, 2010	106,701,990.11	-	106,701,990.11	104,920,573.41	(1,781,416.70)	104,920,573.41	77,297,240.58
March 31, 2010	117,247,144.97	-	117,247,144.97	110,848,178.13	(6,398,966.84)	110,848,178.13	81,512,592.53
December 31, 2009	94,759,892.12	-	94,759,892.12	91,319,792.71	(3,440,099.41)	91,319,792.71	61,154,481.79
September 30, 2009	203,672,078.15	(2,299,536.69)	201,372,541.46	193,090,827.77	(8,281,713.69)	193,090,827.77	124,234,344.38
Totals		\$ (2,299,536.69)			\$ (44,301,200.04)		

There were no impairments on loan-backed and structured securities for the three months ended September 30, 2014.

The following is the impairment listing for loan-backed and structured securities for the three months ended June 30, 2014:

CUSIP	Amortized Cost before Cumulative Adjustment	Cumulative Adjustment	Amortized Cost before OTTI	Projected Cash Flow	Recognized OTTI	Amortized Cost after OTTI	Fair Value
124860CB1	\$ 617,818.59	\$ -	\$ 617,818.59	\$ 398,646.43	\$ (219,172.16)	\$ 398,646.43	\$ 613,175.05
36228FU38	1,268.88	ı	1,268.88	ı	(1,268.88)	1	3,293.78
61750MAB1	1,263.62	ı	1,263.62	1,006.74	(256.88)	1,006.74	1,098.84
77277LAF4	3,358,617.01	ı	3,358,617.01	3,262,065.62	(96,551.39)	3,262,065.62	4,602,578.00
77277LAH0	167,925.80	ı	167,925.80	163,215.97	(4,709.83)	163,215.97	443,556.00
77277LAJ6	2,377,767.25	ı	2,377,767.25	2,311,086.91	(66,680.34)	2,311,086.91	2,896,256.40
939336KZ5	275,161.96	ı	275,161.96	274,192.38	(969.58)	274,192.38	261,244.46
Totals	\$ 6,799,823.11	\$ -	\$ 6,799,823.11	\$ 6,410,214.05	\$ (389,609.06)	\$ 6,410,214.05	\$ 8,821,202.53

The following is the impairment listing for loan-backed and structured securities for the three months ended March 31, 2014:

CUSIP	Amortized Cost before Cumulative Adjustment	Cumulative Adjustment	Amortized Cost before OTTI	Projected Cash Flow	Recognized OTTI	Amortized Cost after OTTI	Fair Value
05948JAA0	\$ 23,391.51	\$ -	\$ 23,391.51	\$ 22,406.28	\$ (985.23)	\$ 22,406.28	\$ 22,442.30
125435AA5	154,503.00	-	154,503.00	154,385.46	(117.54)	154,385.46	147,227.23
36290PAK3	499,666.34	-	499,666.34	-	(499,666.34)		481,043.92
59024UAB7	61,813.86	-	61,813.86	59,139.93	(2,673.93)	59,139.93	59,862.55
61750MAB1	1,924.37	-	1,924.37	1,743.84	(180.53)	1,743.84	1,660.15
65106FAG7	4,199.59	-	4,199.59	4,103.57	(96.02)	4,103.57	5,477.40
77277LAF4	3,924,425.95	-	3,924,425.95	3,358,617.01	(565,808.94)	3,358,617.01	4,460,750.80
77277LAH0	195,500.98	-	195,500.98	167,925.80	(27,575.18)	167,925.80	429,686.40
77277LAJ6	2,768,562.09	-	2,768,562.09	2,377,767.25	(390,794.84)	2,377,767.25	2,807,009.04
86359DMC8	2,928,699.27	-	2,928,699.27	2,907,486.04	(21,213.23)	2,907,486.04	2,863,661.92
939336KZ5	280,099.04	-	280,099.04	279,377.96	(721.08)	279,377.96	266,333.96
Totals	\$ 10,842,786.00	\$	\$ 10,842,786.00	9,332,953.14	\$ (1,509,832.86)	\$ 9,332,953.14	\$ 11,545,155.67

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

1.1	Did the reporting entity experience any material transactions requirin Domicile, as required by the Model Act?						Yes [] No [X]	
1.2 If yes, has the report been filed with the domiciliary state?							Yes [] No []	
2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity?							Yes [] No [X]	
2.2	If yes, date of change:					<u> </u>			
3.1	Is the reporting entity a member of an Insurance Holding Company S is an insurer?	System consisting of two or mor					Yes [X] No []	
3.2	Have there been any substantial changes in the organizational chart	since the prior quarter end?					Yes [] No [X]	
3.3	If the response to 3.2 is yes, provide a brief description of those char	nges.							
4.1	Has the reporting entity been a party to a merger or consolidation do	uring the period covered by this	statemen	t?			Yes [] No [X]	
4.2	If yes, provide the name of the entity, NAIC Company Code, and state ceased to exist as a result of the merger or consolidation.	te of domicile (use two letter sta	ate abbrev	riation) for any entity t	nat has				
	1 Name of Entity			3 State of Domicile					
5.	If the reporting entity is subject to a management agreement, includi in-fact, or similar agreement, have there been any significant change of the subject to a management agreement, including in-fact, or similar agreement, have there been any significant change of the subject to a management agreement, including in-fact, or similar agreement, have there been any significant change of the subject to a management agreement, including in-fact, or similar agreement, have there been any significant change of the subject to a management agreement, including in-fact, or similar agreement, have there been any significant change of the subject to a management agreement, including in-fact, or similar agreement, have there been any significant change of the subject to a management agreement, and the subject to a management agreement, and the subject to a management agreement, and the subject to a management agreement agreement.					Yes [] No [X] N/A []
6.1	State as of what date the latest financial examination of the reporting	g entity was made or is being m	nade				12/3	31/2009	
6.2	State the as of date that the latest financial examination report becardate should be the date of the examined balance sheet and not the						12/3	31/2009	
6.3	State as of what date the latest financial examination report became the reporting entity. This is the release date or completion date of the date).	ne examination report and not t	he date of	the examination (bal	ance sh	eet	12/2	20/2010	
6.4 6.5	By what department or departments? State of Connecticut Insurance Department Have all financial statement adjustments within the latest financial estatement filed with Departments?					Yes [X] No [] N/A []
6.6	Have all of the recommendations within the latest financial examinat	ion report been complied with?				Yes [X] No [] N/A []
7.1	Has this reporting entity had any Certificates of Authority, licenses or revoked by any governmental entity during the reporting period?						Yes [] No [X]	
7.2	If yes, give full information:								
8.1	Is the company a subsidiary of a bank holding company regulated by	the Federal Reserve Board?					Yes [] No [X]	
8.2	If response to 8.1 is yes, please identify the name of the bank holding	g company.							
8.3	Is the company affiliated with one or more banks, thrifts or securities	firms?					Yes [X] No []	
8.4	If response to 8.3 is yes, please provide below the names and locative regulatory services agency [i.e. the Federal Reserve Board (FRB), Insurance Corporation (FDIC) and the Securities Exchange Commit	the Office of the Comptroller of	the Curre	ncy (OCC), the Feder	al Depo				
	1 Affiliate Name	2 Location (City,	State)	3 FRB	4 OCC	5 FDIC	6 SEC		
	Affiliate Name Babson Capital Securities, LLC	Boston, MA			000	י טוט	YES		
	Baring Asset Management (Asia) Limited	Hong Kong					YES		
	Baring International Investment Limited	London, UK					YES		
	MML Distributors, LLC	Enfield, CT					YES		
	MML Investment Advisers, LLC	Enfield, CTSpringfield, MA				·····	YES YES		
	MML Strategic Distributors, LLC	Springfield, MA					YES		
	MMLISI Financial Alliances, LLC	Springfield, MA					YES		
	OppenheimerFunds Distributor, Inc.	New York, NY					YES		
	The MassMutual Trust Company, FSB	Enfield, CT				·····	ILO		
		, v.w, v					Γ		

GENERAL INTERROGATORIES

9.1	 9.1 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards? (a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships; 					
	(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reportin	g entity;				
	(c) Compliance with applicable governmental laws, rules and regulations;					
	(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and					
	(e) Accountability for adherence to the code.					
9.11	If the response to 9.1 is No, please explain:					
9.2	Has the code of ethics for senior managers been amended?		Yes [] No [X]			
9.21	If the response to 9.2 is Yes, provide information related to amendment(s).					
9.3	Have any provisions of the code of ethics been waived for any of the specified officers?		Yes [] No [X]			
9.31	If the response to 9.3 is Yes, provide the nature of any waiver(s).					
	FINANCIAL					
10.1	Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?		Yes [X] No []			
10.2	If yes, indicate any amounts receivable from parent included in the Page 2 amount:	\$	0			
	INVESTMENT					
11 1	Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or other	ruino modo quailable for				
11.1	use by another person? (Exclude securities under securities lending agreements.)		Yes [X] No []			
11.2	If yes, give full and complete information relating thereto:					
	Repurchase Agreement					
12.	Amount of real estate and mortgages held in other invested assets in Schedule BA:					
13.	Amount of real estate and mortgages held in short-term investments:					
14.1 14.2	Does the reporting entity have any investments in parent, subsidiaries and affiliates?		Yes [X] No []			
	ii yoo, picaco oo iipicto tiio toiloiiiig.	1	2			
		Prior Year-End	Current Quarter			
		Book/Adjusted	Book/Adjusted			
1401	Bonds\$	Carrying Value	Carrying Value			
	Preferred Stock \$		\$308,173,543			
	Common Stock \$		\$207,523,746			
	Short-Term Investments \$		\$207,323,740			
	Mortgage Loans on Real Estate\$		\$			
	All Other\$		\$151,093,355			
	Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)		\$666.790.645			
	Total Investment in Parent included in Lines 14.21 to 14.26 above\$		\$			
15.1	Has the reporting entity entered into any hedging transactions reported on Schedule DB?		Yes [X] No []			
15.2						
10.2	If no, attach a description with this statement.		ICO [A] INU []			

GENERAL INTERROGATORIES

10.		riuling program, state the amount of the	•					
	16.1 Total fair valu	e of reinvested collateral assets report	ed on Sched	dule DL, Parts 1 ar	nd 2	\$		
	16.2 Total book ac	djusted/carrying value of reinvested col	lateral assets	s reported on Scho	edule DL, Parts 1 and 2	\$		
17. 17.1	Excluding items in Schedule E - Pa offices, vaults or safety deposit be custodial agreement with a qualific Outsourcing of Critical Functions,	art 3 - Special Deposits, real estate, mo exes, were all stocks, bonds and other ed bank or trust company in accordan	ortgage loans securities, ov ce with Secti of the NAIC	s and investments wned throughout th on 1, III - General Financial Condition	held physically in the reporting entity's he current year held pursuant to a Examination Considerations, F. on Examiners Handbook?] No []
		1			2			
	Name of	Custodian(s)			ustodian Address			
	Citibank, N.A.		333 West 34	4th Street, New Y	ork, NY 10001			
	JP Chase Manhattan Bank		1 Chase Mai	nhattan Plaza, 19	Oth Floor, New York, NY 10005			
17.2	For all agreements that do not com location and a complete explanation		Financial Co	ndition Examiners	Handbook, provide the name,			
	1	2			3			
	Name(s)	Location(s)		Co	omplete Explanation(s)			
17.3 17.4	Have there been any changes, inclifyes, give full information relating to the control of the con			in 17.1 during the 3 te of Change	current quarter?4 Reason	Yes []	No [X]
17.5		okers/dealers or individuals acting on brity to make investments on behalf of the			ve access to the investment accounts,	<u>_</u>		
	1 Central Registration Depository	2 Name(s)			3 Address			
	106006	Babson Capital Management, LLC		1500 Main Stree	et, Springfield, MA 01115			
	If no, list exceptions: At 09/30/2014, 29 issues for 18 issu The majority of these issues current	he Purposes and Procedures Manual of ters did not meet the filing requirement by lack one or more of the following: V potions totaled \$3,503,865 or 0.08% of	s of the Purp alid cusip/PF	ooses and Procedu		Yes [] No [)	(]

GENERAL INTERROGATORIES

PART 2 - LIFE & HEALTH

1.	Report the statement value of mortgage loans at the end of this reporting period for the following categories:	1 Amount
	1.1 Long-Term Mortgages In Good Standing	Amount
	1.11 Farm Mortgages	\$
	1.12 Residential Mortgages	\$221,801,399
	1.13 Commercial Mortgages	\$703,059,707
	1.14 Total Mortgages in Good Standing	\$924,861,106
	1.2 Long-Term Mortgages In Good Standing with Restructured Terms	
	1.21 Total Mortgages in Good Standing with Restructured Terms.	\$
	1.3 Long-Term Mortgage Loans Upon which Interest is Overdue more than Three Months	
	1.31 Farm Mortgages	\$
	1.32 Residential Mortgages	\$
	1.33 Commercial Mortgages	\$
	1.34 Total Mortgages with Interest Overdue more than Three Months	\$
	1.4 Long-Term Mortgage Loans in Process of Foreclosure	
	1.41 Farm Mortgages	\$
	1.42 Residential Mortgages	\$
	1.43 Commercial Mortgages	\$
	1.44 Total Mortgages in Process of Foreclosure	\$
1.5	Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2)	\$ 924,861,106
1.6	Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter	
	1.61 Farm Mortgages	\$
	1.62 Residential Mortgages	\$
	1.63 Commercial Mortgages	\$
	1.64 Total Mortgages Foreclosed and Transferred to Real Estate	\$
2.	Operating Percentages:	
	2.1 A&H loss percent	%
	2.2 A&H cost containment percent	%
	2.3 A&H expense percent excluding cost containment expenses	%
3.1	Do you act as a custodian for health savings accounts?	Yes [] No [X]
3.2	If yes, please provide the amount of custodial funds held as of the reporting date	\$
3.3	Do you act as an administrator for health savings accounts?	Yes [] No [X]

3.4 If yes, please provide the balance of the funds administered as of the reporting date ______\$

SCHEDULE S - CEDED REINSURANCE

Showing All New Reinsurance Treaties - Current Year to Date

1	2	3	4	5	6	7	8	9
NAIC					Type of		Certified Reinsurer	Effective Date of Certified
Company	ID	Effective		Domiciliary	Reinsurance		Rating	Reinsurer
Code	Number	Date	Name of Reinsurer	Jurisdiction	Ceded	Type of Reinsurer	(1 through 6)	Rating
66133	41-1760577	01/01/2014	Wilton Reassurance Co. (WR14)	MN	CO/I	Author i zed.		

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

Current Year To Date - Allocated by States and Territories Direct Bus Life Contracts Accident and Health Insurance Premiums, Including Policy, Membership Total Deposit-Type Contracts Active Life Insurance Annuity Other Columns Premiums1,216,745 States, Etc Considerations and Other Fees Considerations 3.420.894 Alabama AL 2.204.149 .6,300 Alaska .36,804 1,747.536 3. Arizona ΑZ 2.322.009 .4,069,545 368.574 4. AR .255.644 ..112.930 Arkansas 14,925,160 California 21.812.343 36,737,503 6. Colorado CO 2 299 453 2 873 164 5 172 617 6.833.891 .6.396.696 Connecticut CT 13.230.587 8. Delaware DE .342,634 137.998 480,632 9 District of Columbia DC 1.464.342 .76.005 1.540.347 10. Florida FL 20.680.606 .12.368.439 33.049.045 GΑ .3,868,028 ..1,500,806 5.368.834 11. Georgia 1,792,812 .1,111,029 12. Hawaii н 2.903.841 13. Idaho. ID .342.163 .158.773 .500.936 5,126,228 6,351,603 11,477,831 14. Illinois IL Indiana 15 INI 1.895.746 1,773,950 3.669.696 16. lowa. IΑ 1.266.533 .366.032 .1.632.565 1,213,905 17. KS 2,226,175 3,440,080 Kansas 18. Kentucky ΚY 889.262 683 629 1,572,891 19. Louisiana LA 1 025 401 6 155 977 7 181 378 ME .457,761 479,403 20. Maine. .937, 164 21. MD 6,359,252 1.947.297 Maryland .8,306,549 22 Massachusetts MA 4 590 138 15 009 846 19 599 984 MI 16,494,326 23. Michigan .3,854,352 .20,348,678 MN 2,421,786 5,794,928 8,216,714 24 Minnesota 25. Mississippi MS 1 780 380 412 737 2 193 117 МО 7.364.980 9.552.445 26. Missouri. .2.187.465

279,896

1 249 458

1.317.688

1,009,300

8.824.531

.365.751

4.633.582

.843,410

..80.149

.1.434.437

.3,762,030

7 799 947

2.771.034

.424.647

1,123,306

2 683 895

.1.397.837

4,771,330

16,624,478

5.441.722

.790.398

МТ

NE

NV

NH

NJ

NM

NY

NC

27

28.

29.

31.

32.

34

Nebraska

Nevada. New Hampshire

New Jersey

New Mexico

North Carolina

^{.6,367,644} .9, 138, 678 35. North Dakota ND ...14 . 155 .44.672 .58.827 ОН 4,306,867 .6,322,564 10,629,431 1,683,811 37. Oklahoma ΟK .1.023.721 2.707.532 OR 38. Oregon. ..969.882 .1.474.707 2.444.589 Pennsylvania 39. РΑ 7,826,085 16,533,367 24,359,452 3,449.224 40. Rhode Island RI 929.349 4 378 573 .3.007.159 41. South Carolina SC .735.920 3.743.079 42 South Dakota SD .46,544 .79,943 126,487 43. Tennessee ΤN 3.653.906 3.717.485 7.371.391 44. Texas. TX 9.828.768 11 576 484 21.405.252 45. UT 1,665,355 ..1,655,057 3,320,412 Utah .. 46. VT 314.287 620,118 934.405 Vermont Virginia 4 342 878 47. VA 6 678 159 11 021 037 48. Washington WA .2,375,894 .968,375 .3,344,269 West Virginia 49. wv .537,446 381,311 918,757 50. Wisconsin WΙ 1 406 637 5 820 865 7 227 502 WY ..145,312 282,678 ..427,990 51. Wyoming AS 52 American Samoa 53. Guam GU N 160 160 3,873,945 4, 184, 291 Puerto Rico .310.346 PR 54. ۷I 55 U.S. Virgin Islands 2,344 56 Northern Mariana Islands MP N CAN .15.092 .65.092 57. .50.000 Canada. N .260,114 58. Aggregate Other Aliens ... 59. Subtotal 169,924,804 .185.993.377 355.918.181 90. Reporting entity contributions for employee benefits XXX 91. Dividends or refunds applied to purchase paid-up additions and annuities 92. Dividends or refunds applied to shorten endowment or premium paying period.... XXX Premium or annuity considerations waived under disability or other contract provisions..... 93. XXX 861,622 861,622 94. Aggregate or other amounts not allocable by State XXX XXX Totals (Direct Business)... 170,786,426 185,993,377 356,779,803 95. Plus Reinsurance Assumed XXX 96 97 Totals (All Business) XXX 170.786.426 185,993,377 356.779.803 Less Reinsurance Ceded XXX 112,867,664 112,867,664 98. 185,993,377 99. Totals (All Business) less Reinsurance Ceded XXX 57,918,762 243,912,139 **DETAILS OF WRITE-INS** 58001. Other foreign XXX 260.114 260.114 58002. XXX 58003. XXX 58998. Summary of remaining write-ins for Line 58 from overflow page . XXX Totals (Lines 58001 through 58003 plus 58999. 260.114 260,114 58998)(Line 58 above) XXX 9401 XXX 9402. XXX 9403. XXX 9498. Summary of remaining write-ins for Line 94 from overflow page XXX 9499. Totals (Lines 9401 through 9403 plus 9498)(Line 94 above) XXX (L) Licensed or Chartered - Licensed Insurance Carrier or Domiciled RRG; (R) Registered - Non-domiciled RRGs; (Q) Qualified - Qualified or Accredited Reinsurer; (E) Eligible - Reporting Entities eligible or approved to write Surplus Lines in the state; (N) None of the above - Not allowed to write business in the state

⁽a) Insert the number of L responses except for Canada and Other Alien.

	Federal Tax ID	NAIC Co Code	State of Domicile
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	04-1590850	65935	Massachusetts
Direct & Indirect Owned Subsidiaries:	0.10,0000	00,00	1114004011400110
C.M. Life Insurance Company	06-1041383	93432	Connecticut
MML Bay State Life Insurance Company	43-0581430	70416	Connecticut
CML Mezzanine Investor, LLC	06-1041383		Delaware
CML Mezzanine Investor L, LLC	06-1041383		Delaware
CML Mezzanine Investor III, LLC	06-1041383		Delaware
CML Re Finance LLC	06-1041383		Delaware
MML Mezzanine Investor L, LLC	04-1590850		Delaware
Berkshire Way LLC	04-1590850		Delaware
WP-SC, LLC*	26-4441097		Delaware
MSP-SC, LLC	04-1590850		Delaware
Country Club Office Plaza LLC*	27-1435692		Delaware
Fern Street LLC	37-1732913		Delaware
MassMutual Retirement Services, LLC	04-1590850		Delaware
MML Distributors LLC*	04-3356880		Massachusetts
MML Investment Advisers, LLC	None		Delaware
MML Mezzanine Investor, LLC	04-1590850		Delaware
MML Strategic Distributors, LLC	46-3238013		Delaware
The MassMutual Trust Company, FSB	06-1563535		United States
MMC Equipment Finance LLC	04-1590850		Delaware
MassMutual Asset Finance LLC*	26-0073611		Delaware
Winmark Limited Funding, LLC	20-1217159		Delaware
MMAF Equipment Finance LLC 2009-A	27-1379258		Delaware
MMAF Equipment Finance LLC 2011-A	45-2589019		Delaware
MML Private Placement Investment Company I, LLC	04-1590850		Delaware
MSC Holding Company, LLC	45-4376777		Delaware
MassMutual Holding MSC, Inc.	04-3341767		Massachusetts
MassMutual Holding LLC	04-2854319		Delaware
MassMutual Assignment Company	06-1597528		North Carolina
MassMutual Capital Partners LLC	04-1590850		Delaware
MassMutual Ventures LLC	47-1296410		Delaware
MM Caerulus Holdco US LLC	None		Delaware
MM Rothesay Holdco US LLC	04-1590850		Delaware
MML Investors Services, LLC	04-1590850		Massachusetts
MML Insurance Agency, LLC	04-1590850		Massachusetts
MMLISI Financial Alliances, LLC	41-2011634		Delaware
MassMutual International LLC	04-3313782		Delaware
MassMutual Asia Limited	None		Hong Kong
MassMutual Asia Investors Ltd.	None		Hong Kong

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
MassMutual Guardian Limited	None		Hong Kong
MassMutual Insurance Consultants Limited	None		Hong Kong
MassMutual Services Limited	None		Hong Kong
MassMutual Trustees Limited	None		Hong Kong
Protective Capital (International) Limited	98-0610331		Hong Kong
MassMutual Life Insurance Company	None		Japan
MassMutual Internacional (Chile) SpA	98-1033127		Chile
MassMutual (Chile) Limitada	98-1198629		Chile
MM Asset Management Holding LLC	45-4000072		Delaware
Babson Capital Management LLC	51-0504477		Delaware
Babson Capital Finance LLC	80-0875475		Delaware
BCF Europe Funding Limited	None		Ireland
Babson Capital Securities LLC	04-3238351		Delaware
Babson Capital Guernsey Limited	98-0437588		Guernsey
Babson Capital Europe Limited	98-0432153		United Kingdom
Almack Mezzanine GP III Limited	None		United Kingdom
Almack Holding Partnership GP Limited	None		United Kingdom
Almack Mezzanine Fund Limited	None		United Kingdom
Almack Mezzanine Fund II Limited	None		United Kingdom
Babson Capital Global Advisors Limited	98-1012393		United Kingdom
Babson Capital Japan KK	None		Japan
Cornerstone Real Estate Advisers LLC	55-0878489		Delaware
Cornerstone Real Estate Advisers Inc.	04-3238351		California
Cornerstone Real Estate Advisers Japan K.K.	None		Japan
Cornerstone Real Estate UK Holdings Limited	None		Delaware
Cornerstone Real Estate UK (No. 2) Limited	98-0654401		United Kingdom
Cornerstone Real Estate Advisers Europe LLP	98-0654388		United Kingdom
Cornerstone Real Estate Advisers Europe Finance LLP	98-0654412		United Kingdom
PAMERA Cornerstone Real Estate Advisers GmbH	98-1194368		Germany
Babson Capital Asia Limited	98-1056489		Hong Kong
Babson Capital Australia Holding Company Pty Ltd.	None		Australia
Babson Capital Australia Pty Ltd.	98-0457456 None		Australia
Babson Capital Cornerstone Asia Limited			Hong Kong
Wood Creek Capital Management LLC	04-1590850 26-3115362		Delaware Delaware
Wood Creek Index Company, LLC Eighth Note, Inc.	46-2198442		Delaware
Red Lake Ventures, LLC	46-5460309		Delaware Delaware
Teak Tree Acquisition, LLC	None		Delaware
Sweet Tree Holdings 1, LLC	46-3123110		Delaware Delaware
U.S. WIG Holdings, LP	46-1500495		Delaware
U.S. WIO HORINISS, LF	40-1300433		Delawale

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
US Trailer Holdings LLC	90-0841497		Delaware
WC Aircraft Holdings US II, LLC	46-3378584		Delaware
Wood Creek Aircraft Holding I, LP	None		Cayman Islands
Babson Capital Floating Rate Income Fund Management, LLC	04-1590850		Delaware
Babson Capital Core Fixed Income Management LLC	27-3523916		Delaware
Babson Capital Total Return Management LLC	27-3524203		Delaware
Benton Street Advisors, Inc.	98-0536233		Cayman Islands
SDCOS Management LLC	04-1590850		Delaware
Credit Strategies Management LLC	04-1590850		Delaware
Great Lakes III GP, LLC	04-1590850		Delaware
Loan Strategies Management LLC	04-1590850		Delaware
Mezzco LLC	04-1590850		Delaware
Mezzco II LLC	02-0767001		Delaware
Mezzco III LLC	41-2280126		Delaware
Mezzco IV LLC	80-0920285		Delaware
Mezzco Australia LLC	90-0666326		Delaware
Somerset Special Opportunities Management LLC	04-1590850		Delaware
Winterset Management LLC	04-1590850		Delaware
Oppenheimer Acquisition Corp.	84-1149206		Delaware
OppenheimerFunds, Inc.	13-2527171		Colorado
OppenheimerFunds Distributor, Inc.	13-2953455		New York
Oppenheimer Real Asset Management, Inc.	84-1106295		Delaware
OFI Global Institutional, Inc.	13-4160541		New York
OFI Global Trust Company	13-3459790		New York
HarbourView Asset Management Corporation	22-2697140		New York
Trinity Investment Management Corporation	25-1951632		Pennsylvania
OFI SteelPath, Inc.	84-1128397		Delaware
Shareholder Services, Inc.	84-1066811		Colorado
OFI Global Asset Management, Inc.	84-0765063		Delaware
OFI Private Investments Inc.	91-2036414		New York
Tremont Group Holdings, Inc.	62-1210532		New York
Tremont Partners, Inc.	06-1121864		Connecticut
Tremont Capital Management (Ireland) Limited	None		Ireland
Tremont GP, Inc.	20-8215352		Delaware
Settlement Agent LLC	90-0874510		Delaware
Tremont (Bermuda) Limited	None		Bermuda
MassMutual Baring Holding LLC	04-1590850		Delaware
Baring North America LLC	98-0241935		Massachusetts

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
MassMutual Holdings (Bermuda) Limited	None		Bermuda
Baring Asset Management Limited	98-0241935		United Kingdom
Baring International Investment Limited	98-0457328		United Kingdom
Baring International Investment Management Holdings	98-0457587		United Kingdom
Baring Asset Management UK Holdings Limited	98-0457576		United Kingdom
Baring Asset Management GmbH	98-0465031		Germany
Baring Asset Management (Asia) Holdings Limited	98-0524271		Hong Kong
Baring International Fund Managers (Bermuda) Limited	98-0457465		Bermuda
Baring Asset Management (Asia) Limited	98-0457463		Hong Kong
Baring Asset Management Korea Limited	None		Korea
Baring Asset Management (Japan) Limited	98-0236449		Japan
Baring Asset Management (Australia) Pty Limited	98-0457456		Australia
Baring International Fund Managers (Ireland) Limited	98-0524272		Ireland
Baring Asset Management Switzerland Sàrl	None		Switzerland
Baring SICE (Taiwan) Limited	98-0457707		Taiwan ROC
Baring France SAS	98-0497550		France
Baring Fund Managers Limited	98-0457586		United Kingdom
Baring Pension Trustees Limited	98-0457574		United Kingdom
Baring Investment Services Limited	98-0457578		United Kingdom
Baring Investments (UK) Limited	None		United Kingdom
MassMutual International Holding MSC, Inc.	04-3548444		Massachusetts
First Mercantile Trust Company	62-0951563		Tennessee
Haven Life Insurance Agency, Inc.	46-2252944		Delaware
HYP Management LLC	04-3324233		Delaware
MML Realty Management Corporation	04-2443240		Massachusetts
Society of Grownups, LLC	47-1466022		Massachusetts
MML Mezzanine Investor II, LLC	04-1590850		Delaware
MML Mezzanine Investor III, LLC	04-1590850		Delaware
MassMutual External Benefits Group LLC	27-3576835		Delaware
MML Re Finance LLC	04-1590850		Delaware
Other Affiliates:			
C A F I, Inc.	52-2274685		Maryland
Invicta Advisors LLC	56-2574604		Delaware
Jefferies Finance LLC*	27-0105644		Delaware
MML Private Equity Fund Investor LLC	04-1590850		Delaware
MM Private Equity Intercontinental LLC	04-1590850		Delaware
Babson Affiliates & Funds:			
Almack Mezzanine Fund I LP*	None		United Kingdom
Almack Mezzanine Fund II Unleveraged LP	None		United Kingdom
Almack Mezzanine Fund III LP*	None		United Kingdom
Babson Capital High Yield LLC*	55-0886109		Delaware

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
Babson Capital Floating Rate Income Fund, L.P.	27-3330830		Delaware
Babson Capital Global Investment Funds plc	None		United Kingdom
Babson Capital Global Umbrella Fund plc	None		United Kingdom
Babson Capital Global Investment Fund 2 plc	None		Ireland
Babson Capital Loan Strategies Fund, L.P.*	37-1506417		Delaware
Babson CLO Ltd. 2005-I	None		Cayman Islands
Babson CLO Ltd. 2005-II	None		Cayman Islands
Babson CLO Ltd. 2005-III	None		Cayman Islands
Babson CLO Ltd. 2006-I	None		Cayman Islands
Babson CLO Ltd. 2006-II	None		Cayman Islands
Babson CLO Ltd. 2007-I	None		Cayman Islands
Babson CLO Ltd. 2011-I	None		Cayman Islands
Babson CLO Ltd. 2012-I	None		Cayman Islands
Babson CLO Ltd. 2012-II	None		Cayman Islands
Babson CLO Ltd. 2013-I	None		Cayman Islands
Babson CLO Ltd. 2013-II	98-1128827		Cayman Islands
Babson CLO Ltd. 2014-I	None		Cayman Islands
Babson Euro CLO 2014-I BV	None		Netherlands
Babson Euro CLO 2014-II BV	None		Netherlands
Babson Global Floating Rate Fund	46-3133952		Massachusetts
Babson Global Income Opportunities Credit Fund	46-3119764		Massachusetts
Babson Mid-Market CLO Ltd. 2007-II	None		Cayman Islands
Benton Street Partners I, L.P.*	98-0536233		Cayman Islands
Benton Street Partners II, L.P.	98-0536199		Cayman Islands
Clear Lake CLO, Ltd.	None		Cayman Islands
Connecticut Valley Structured Credit CDO II, Ltd.	None		Cayman Islands
Connecticut Valley Structured Credit CDO III, Ltd.	None		Cayman Islands
Diamond Lake CLO, Ltd.	None		Cayman Islands
Duchess I CDO S.A.	None		United Kingdom
Duchess III CDO S.A.	None		United Kingdom
Duchess IV CDO S.A.	None		United Kingdom
Duchess V CDO S.A.	None		United Kingdom
Duchess VI CLO B.V.	None		United Kingdom
Duchess VII CLO B.V.	None		United Kingdom
Fugu CLO B.V.	None		United Kingdom
Fugu Credit Plc	None		United Kingdom
Gateway Mezzanine Partners I, L.P.*	80-0691253		Delaware
Gateway Mezzanine Partners I Trust	None		Cayman Islands
Gateway Mezzanine Partners II LP*	90-0991195		Delaware
Great Lakes II LLC*	71-1018134		Delaware
Great Lakes III, L.P.	37-1708623		Delaware

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
Great Lakes LLC*	56-2505390		Delaware
Intermodal Holding II LLC	46-2344300		Delaware
Invicta Holdings LLC	56-2574568		Massachusetts
Malin CLO B.V.	None		United Kingdom
Newton CDO Ltd	None		Cayman Islands
Rockall CLO B.V.	None		United Kingdom
Saint James River CDO, Ltd.	None		Cayman Islands
Sapphire Valley CDO I, Ltd.	None		Cayman Islands
SDCOS L.P.	74-3182902		Delaware
Somerset Special Opportunities Fund L.P.*	20-8856877		Delaware
Suffield CLO, Limited	None		Cayman Islands
Summit Lake CLO, Ltd.	None		Cayman Islands
Tower Square Capital Partners, L.P.*	04-3722906		Delaware
Tower Square Capital Partners II, L.P.*	30-0336246		Delaware
Tower Square Capital Partners II-A, L.P.*	32-0160190		Delaware
Tower Square Capital Partners III, L.P.*	41-2280127		Delaware
Tower Square Capital Partners IIIA, L.P.	41-2280129		Delaware
Tower Square Capital Partners IV, L.P.	80-0920340		Delaware
Tower Square Capital Partners IV-A, L.P.	80-0920367		Delaware
U.S. Trailer Holdings II LLC	46-2104352		Delaware
Whately CDO, Ltd.	None		Cayman Islands
Winterset Capital Partners, L.P.*	None		Cayman Islands
Wood Creek Multi Asset Fund, L.P.	20-4981369		Delaware
Wood Creek Venture Fund LLC	04-1590850		Massachusetts
Baring Affiliates & Funds:			
Baring All Country World ex US Equity Fund	45-4184261		Delaware
Baring Emerging Market Corp Debt Fund	None		Ireland
Baring Focused EAFE Equity Fund	11-3789446		Delaware
Baring Global Dynamic Asset Allocation Fund	30-0607379		Delaware
Baring International Equity Fund	39-2059577		Delaware
Baring International Small Cap Equity Fund	26-4142796		Delaware
Baring World Equity Fund	46-1197222		Delaware
Multi-Employer Global Aggregate Diversified Portfolio	26-1896226		Delaware
Cornerstone Affiliates & Funds:			
12-18 West 55th Street Predevelopment, LLC*	20-2548283		Delaware
2 Harbor Shore Member LLC*	46-4803557		Delaware
21 West 86 LLC*	45-5257904		Delaware
Ygnatio Valley Funding	20-5481477		Delaware
AT Mid-Atlantic Office Portfolio LLC*	45-2779931		Delaware
Babson Mezzanine Realty Investors I*	20-4570515		Delaware

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
Babson Mezzanine Realty Investors II	24-1446970		Delaware
CHC/RFP VI Core LLC	04-1590850		Delaware
Cornerstone Apartment Fund I, LLC	06-1595820		Delaware
Cornerstone Apartment Venture III, LLC	20-5786329		Delaware
Cornerstone Austin Park Central I LP*	56-2639862		Delaware
Cornerstone Core Mortgage Fund I LP	27-1701733		Delaware
Cornerstone Core Mortgage Venture I LP	27-1701622		Delaware
Cornerstone Enhanced Mortgage Fund I LP	45-3751572		Delaware
Cornerstone Fort Pierce Development LLC*	56-2630592		Delaware
Cornerstone Global Real Estate LP*	20-8730826		Delaware
Cornerstone High Yield Venture LP	36-4770946		Delaware
Cornerstone Holding LP	20-5578165		Delaware
Cornerstone Hotel Income and Equity Fund II (PF) LP	26-1528817		Delaware
Cornerstone Real Estate Fund VIII LP	27-0547156		Delaware
Cornerstone Non-REIT Holding LLC	20-5567494		Delaware
CREA/LYON West Gateway, LLC*	26-2399532		Delaware
CREA/PPC Venture LLC*	20-0348173		Delaware
Fallon Cornerstone One MPD LLC*	26-1611591		Delaware
Farringdon London Holdings LLC*	46-3880526		Delaware
Fan Pier Development LLC*	20-3347091		Delaware
Gracechurch London Holdings LLC*	46-1586427		Delaware
Infinity SCD Ltd.	None		United Kingdom
Johnston Groves LLC	20-4819358		Delaware
Metropolitan At Lorton*	20-5984759		Delaware
MM Greenhill Office LLC*	46-3317841		Delaware
MMI/Hines Harrison LLC*	46-5347643		Delaware
MM Woodfield Martingale LLC*	46-4077059		Delaware
Riva Portland LLC	30-0713071		Delaware
Salomon Brothers Commercial Mortgage Trust 2001-MM	None		Delaware
Sawgrass Village Shopping Center LLC*	27-2977720		Delaware
Turnpike Executive Park LLC	46-0606690		Delaware
Twenty Two Liberty LLC*	35-2484550		Massachusetts
UK LÍW Manager ĽLC	45-4606547		Delaware
UK LIW Member LLC	45-4606547		Delaware
Washington Gateway Apartments Venture LLC*	45-5401109		Delaware

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID NAIC Co Coc	e State of Domicile
Waterford Development Associates	20-2970495	Delaware
WeHo Domain LLC*	46-3122029	Delaware
Wesley Chapel Theaters LLC*	26-2384708	Delaware
MassMutual Premier Funds:		
MassMutual Barings Dynamic Allocation Fund	45-3168892	Massachusetts
MassMutual Premier Balanced Fund	04-3212054	Massachusetts
MassMutual Premier Core Bond Fund	04-3277549	Massachusetts
MassMutual Premier Disciplined Growth Fund	04-3539084	Massachusetts
MassMutual Premier Disciplined Value Fund	04-3539083	Massachusetts
MassMutual Premier Diversified Bond Fund	04-3464165	Massachusetts
MassMutual Premier Focused International Fund	02-0754273	Massachusetts
MassMutual Premier Global Fund	51-0529334	Massachusetts
MassMutual Premier High Yield Fund	04-3520009	Massachusetts
MassMutual Premier Inflation-Protected and Income Fund	03-0532475	Massachusetts
MassMutual Premier International Equity Fund	04-3212044	Massachusetts
MassMutual Premier Main Street Fund	51-0529328	Massachusetts
MassMutual Premier Short-Duration Bond Fund	04-3212057	Massachusetts
MassMutual Premier Small/Mid Cap Opportunities Fund	04-3424705	Massachusetts
MassMutual Premier Strategic Emerging Markets Fund	26-3229251	Massachusetts
MassMutual Premier Value Fund	04-3277550	Massachusetts
MassMutual Select Funds:		
MassMutual Select Blackrock Global Allocation Fund	27-1028263	Massachusetts
MassMutual Select Blue Chip Growth Fund	04-3556992	Massachusetts
MassMutual Select Diversified International Fund	14-1980900	Massachusetts
MassMutual Select Diversified Value Fund	01-0821120	Massachusetts
MassMutual Select Focused Value Fund	04-3512590	Massachusetts
MassMutual Select Fundamental Growth Fund	04-3512593	Massachusetts
MassMutual Select Fundamental Value Fund	04-3584138	Massachusetts
MassMutual Select Growth Opportunities Fund	04-3512589	Massachusetts
MassMutual Select Large Cap Value Fund	04-3513019	Massachusetts
MassMutual Select Mid Cap Growth Equity II Fund	04-3512596	Massachusetts
MassMutual Select Mid-Cap Value Fund	42-1710935	Massachusetts
MassMutual Select MSCI EAFE International Index Fund	45-5357167	Massachusetts
MassMutual Select Overseas Fund	04-3557000	Massachusetts
MassMutual Select PIMCO Total Return Fund	27-2377446	Massachusetts
MassMutual Select Russell 2000 Small Cap Index Fund	45-5366542	Massachusetts
MassMutual Select S&P 500 Index Fund	04-3410047	Massachusetts
MassMutual Select Small Cap Growth Equity Fund	04-3464205	Massachusetts
MassMutual Select Small Capital Value Equity Fund	02-0769954	Massachusetts
MassMutual Select Small Company Growth Fund	04-3584141	Massachusetts

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
MassMutual Select Small Company Value Fund	04-3584140		Massachusetts
MassMutual Select S&P Mid Cap Index Fund	45-5349772		Massachusetts
MassMutual Select Strategic Bond Fund	26-0099965		Massachusetts
MML Series Investment Funds:			
MML International Equity Fund	46-4257056		Massachusetts
MassMutual RetireSMART Funds:			
MassMutual RetireSMART 2010 Fund	03-0532456		Massachusetts
MassMutual RetireSMART 2015 Fund	27-1933828		Massachusetts
MassMutual RetireSMART 2020 Fund	03-0532467		Massachusetts
MassMutual RetireSMART 2025 Fund	27-1933753		Massachusetts
MassMutual RetireSMART 2030 Fund	03-0532468		Massachusetts
MassMutual RetireSMART 2035 Fund	27-1933389		Massachusetts
MassMutual RetireSMART 2040 Fund	03-0532471		Massachusetts
MassMutual RetireSMART 2045 Fund	27-1932769		Massachusetts
MassMutual RetireSMART 2050 Fund	26-1345332		Massachusetts
MassMutual RetireSMART 2055 Fund	46-3289207		Massachusetts
MassMutual RetireSMART Conservative Fund	45-1618155		Massachusetts
MassMutual RetireSMART Growth Fund	45-1618222		Massachusetts
MassMutual RetireSMART In Retirement Fund	03-0532464		Massachusetts
MassMutual RetireSMART Moderate Fund	45-1618262		Massachusetts
MassMutual RetireSMART Moderate Growth Fund	45-1618046		Massachusetts
Oppenheimer Funds:			
HarbourView CLO 2006-1 Limited	None		Cayman Islands
Oppenheimer Global High Yield Fund	45-3417590		Delaware
Oppenheimer Global Real Estate Fund*	46-1604428		Delaware
Oppenheimer International Growth Fund	13-3867060		Massachusetts
Oppenheimer Main Street Fund	84-1073463		Massachusetts
Oppenheimer Real Estate Fund	22-3849391		Massachusetts

^{*}This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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											Type	If		
											of Control	Control		
											(Ownership,	is		
						Name of Securities			Relation-		Board,	Owner-		
						Exchange		Domi-	ship		Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		
Group		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
	•					,	Massachusetts Mutual Life Insurance			Massachusetts Mutual Life Insurance	,		, , , , , , , , , , , , , , , , , , ,	
0435	Massachusetts Mut Life Ins Co	65935	. 04-1590850 .	3848388	0000225602		Company (MMLIC)	MA	UDP	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance	·			
0435	CM Life Ins Co	93432	. 06-1041383 .				C.M. Life Insurance Company	CT	RE	Company	Ownership	100.000	MMLIC	
0435	MML Baystate Life Ins Co	70416	43-0581430 .		. 0000924777		MML Bay State Life Insurance Company	CT	NIA	C.M. Life Insurance Company	Ownership	100.000	MMLIC	
0000			. 06-1041383 .				CML Mezzanine Investor, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	100.000	MMLIC	
0000			. 06-1041383 .				CML Mezzanine Investor L, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	100.000	MMLIC	
0000			06-1041383				CML Mezzanine Investor III, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	100.000	MMLIC	
0000		[06-1041383		.		CML Re Finance LLC	DE	NIA	C.M. Life Insurance Company	Ownership	100.000		
										Massachusetts Mutual Life Insurance				
0000			. 04-1590850 .		.		MML Mezzanine Investor L, LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 04-1590850 .				Berkshire Way LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			26-4441097				WP-SC, LLC	DE	NIA	Company	Ownership	81.400	MMLIC	
0000			26-4441097				WP-SC, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	18.600	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 04-1590850 .				MSP-SC, LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance	·			
0000			27-1435692 .				Country Club Office Plaza LLC	DE	NIA	Company	Ownership	88.100		
0000			27-1435692 .				Country Club Office Plaza LLC	DE	NIA	C.M. Life Insurance Company	Ownership	11.900	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			37-1732913				Fern Street LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance	·			
0000			04-1590850				MassMutual Retirement Services, LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 04-3356880 .		. 0000943903		MML Distributors LLC	MA	NIA	Company	Ownership	99.000	MMLIC	
0000			. 04-3356880 .		. 0000943903		MML Distributors LLC	MA	NIA	MassMutual Holding LLC	Ownership	1.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000							MML Investment Advisers, LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 04-1590850 .				MML Mezzanine Investor, LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
		1								Massachusetts Mutual Life Insurance				
0000	·		46-3238013		.		MML Strategic Distributors, LLC	DE	NI A	Company	Ownership	100.000	MMLIC	
		1								Massachusetts Mutual Life Insurance				
0000			. 06-1563535 .	2881445	0001103653		The MassMutual Trust Company, FSB	US	NI A	Company	Ownership	100.000	MMLIC	
		1								Massachusetts Mutual Life Insurance				
0000			. 04-1590850 .				MMC Equipment Finance LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
0000			. 26-0073611 .				MassMutual Asset Finance LLC	DE	NIA	MMC Equipment Finance LLC	Ownership	99.600	MMLIC	
0000			. 26-0073611 .				MassMutual Asset_Finance LLC	DE	NIA	C.M. Life Insurance Company	Ownership	0.400		
0000			. 20-1217159 .		-		Winmark Limited Funding, LLC	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	- MMLIC	
0000			27-1379258		-		MMAF Equipment Finance LLC 2009-A	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	- MMLIC	
0000			45-2589019		-		MMAF Equipment Finance LLC 2011-A	DE	NIA	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC	
		1					MML Private Placement Investment Company			Massachusetts Mutual Life Insurance				
0000			. 04-1590850 .		-		LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
		1								Massachusetts Mutual Life Insurance				
0000			. 45-4376777 .				MSC Holding Company, LLC	DE	NIA	Company	Ownership	100.000	- MMLIC	
0000			. 04-3341767 .				MassMutual Holding MSC, Inc.	MA	NIA	MSC Holding Company, LLC	Ownership	100.000	MMLIC	
0000		1	04 005:0:0	00000 10						Massachusetts Mutual Life Insurance		400 000	100	
0000			04-2854319	2392316	-		MassMutual Holding LLC	DE	NIA	Company	Ownership	. 100.000		
0000			06-1597528		.		MassMutual Assignment Company	NC	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC	

SCHEDULE Y

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM

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											Type	If	
											of Control	Control	
											(Ownership,	is	
						Name of Securities			Relation-		Board,	Owner-	
						Exchange		Domi-	ship		Management,	ship	
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide	
Group		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity `	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s) *
0000			04-1590850		0001399869		MassMutual Capital Partners LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC
0000			47-1296410				MassMutual Ventures LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	
0000							MM Caerulus Holdco US LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	
0000			. 04-1590850 .				MM Rothesay Holdco US LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	
0000			. 04-1590850 .		. 0000701059		MML Investors Services, LLC	MA	NIA	MassMutual Holding LLC	Ownership	100.000	
0000			04-1590850 .				MML Insurance Agency, LLC	MA	NIA	MML Investors Services, LLC	Ownership	100.000	
0000			41-2011634		. 0001456663		MMLISI Financial Alliances, LLC	DE	NIA	MML Investors Services, LLC	Ownership	51.000	MMLIC
0000		-	04-3313782		-		MassMutual International LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC
0000			-		.		MassMutual Asia Limited	HKG	IA	MassMutual International LLC	Ownership	100.000	MMLIC
0000			-		-		MassMutual Asia Investors Ltd.	HKG	NIA	MassMutual Asia Limited	Ownership	100.000	MMLIC
0000					-		MassMutual Guardian Limited	HKG	NIA	MassMutual Asia Limited	Ownership	100.000	MMLIC
0000							MassMutual Insurance Consultants Limited	HKG	NIA	MassMutual Asia Limited	Ownership	100.000	- MMLIC
0000							MassMutual Services Limited	HKG	NIA	MassMutual Asia Limited	Ownership	100.000	
0000							MassMutual Trustees Limited	HKG	NIA	MassMutual Asia Limited	Ownership	80.000	MMLIC
0000			00 0010001				Protective Capital (International) Limited	111/0				100 000	188 10
0000			98-0610331 .		-			HKG	NIA	MassMutual Asia Limited	Ownership	100.000	MLIC
0000					-		MassMutual Life Insurance Company	JPN	IA	MassMutual International LLC	Ownership	100.000	MLIC
0000			98-1033127				MassMutual Internacional (Chile) SpA	CHL	NIA	MassMutual International LLC	Ownership	100.000	MMLIC
0000			98-1198629 .				MassMutual (Chile) Limitada	CHL	NIA	MassMutual International LLC	Ownership	100.000	
0000			. 45-4000072 . . 51-0504477 .		0000009015		MM Asset Management Holding LLC	DE	NIA NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC
0000			80-0875475		. 0000009015		Babson Capital Management LLC	DE	NIA	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC
0000			. 00-00/34/3 .				BCF Europe Funding Limited	JRL	NIA	Babson Capital Finance LLC	Ownership	100.000	MLIC
0000			04-3238351		0000930012		Babson Capital Securities LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			98-0437588		_ 0000330012		Babson Capital Guernsey Limited	GGY	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			98-0432153				Babson Capital Europe Limited	GBR	NIA	Babson Capital Guernsey Limited	Ownership	100.000	MMLIC
0000			00 0102100 1		-		Almack Mezzanine GP III Limited	GBR	NIA	Babson Capital Europe Limited	Ownership	100.000	MMLIC
0000							Almack Holding Partnership GP Limited	GBR	NIA	Babson Capital Europe Limited	Ownership	100.000	MMLIC
0000							Almack Mezzanine Fund Limited	GBR	NIA	Babson Capital Europe Limited	Ownership.	100.000	MMLIC
0000							Almack Mezzanine Fund II Limited	GBR	NIA	Babson Capital Europe Limited	Ownership.	100.000	MMLIC
0000			98-1012393				Babson Capital Global Advisors Limited	GBR	NIA	Babson Capital Europe Limited	Ownership	100.000	MMLIC
0000							Babson Capital Japan KK	JPN	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			55-0878489	3456895	0001379495		Cornerstone Real Estate Advisers LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			04-3238351 .	3456895	0001011148		Cornerstone Real Estate Advisers Inc.	CA	NIA	Cornerstone Real Estate Advisers LLC	Ownership	100.000	
1							Cornerstone Real Estate Advisers Japan						
0000							K.K	JPN	NIA	Cornerstone Real Estate Advisers LLC	Ownership	100.000	
							Cornerstone Real Estate UK Holdings						
0000							Limited	DE	NIA	Cornerstone Real Estate Advisers LLC	Ownership	100.000	
							Cornerstone Real Estate UK (No. 2) Limited			Cornerstone Real Estate UK Holdings			
0000			98-0654401 .					GBR	NIA	Limited	Ownership	100.000	MMLIC
0000			00 0054000				Cornerstone Real Estate Advisers Europe	ODE	A-1-A	Cornerstone Real Estate UK Holdings	0	100 000	IIII 10
0000		-	98-0654388 .		-		LLP	GBR	NIA	Limited	Ownership	100.000	
0000			00 0054440				Cornerstone Real Estate Advisers Europe	ODD	ALLA	Cornerstone Real Estate UK Holdings	0	100 000	100
0000			98-0654412 .		-		Finance LLPPAMERA Cornerstone Real Estate Advisers	GBR	NIA	Limited Cornerstone Real Estate UK Holdings	Ownership	100.000	
0000			98-1194368				GmbH GmbH	DEU	NIA	Limited	Ownership	100.000	MMLIC
0000			98-1194368 .		-		Babson Capital Asia Limited	HKG	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			. 30-1030409 .				Babson Capital Australia Holding Company	INU	NIA	Danson capital management LLC	Office SITP	100.000	
0000							Pty Ltd.	_AUS	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000							,			Babson Capital Australia Holding Company		100.000	
0000			98-0457456				Babson Capital Australia Pty Ltd.	AUS	NIA	Ptv Ltd.	Ownership	100.000	MMLIC
					-		puboon ouplier nuotiaria ity Eta.				. v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v v .	1100.000	

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											of Control	Control	
											(Ownership,	is	
						Name of Securities			Relation-	-	Board,	Owner-	
						Exchange		Domi-	ship		Management,	ship	
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting		Influence,	Percen-	Ultimate Controlling
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s) *
0000							Babson Capital Cornerstone Asia Limited	HKG	NIA	Babson Capital Management LLC	Ownership	100.000	
0000			. 04-1590850 .				Wood Creek Capital Management LLC	DE	NI A	Babson Capital Management LLC	Ownership	100.000	MLIC
0000			. 26-3115362 .				Wood Creek Index Company, LLC	DE	NIA	Wood Creek Capital Management LLC	Ownership	100.000	MMLIC
0000			10 0100110		0004574000		F:	DE		Massachusetts Mutual Life Insurance		45 000	MMLIC
0000			. 46-2198442 . 46-2198442		0001574089		Eighth Note, Inc.	DE	NIA	Company	Ownership	15.300	MMLIC
0000			46-2198442		0001574089		Eighth Note, Inc.	DE	NIA	Wood Creek Capital Management LLC	Management		
0000			46-5460309				Red Lake Ventures. LLC	DE	NIA	Company	Ownership	36.300	MMLIC
0000			46-5460309				Red Lake Ventures, LLC	DE	NIA	Wood Creek Capital Management LLC	Influence		
0000			. +0-0400008 .				lieu Lane Velitules, LLO	UE		Massachusetts Mutual Life Insurance	IIII I ucilice		
0000			46-3123110				Sweet Tree Holdings 1. LLC	DE	NIA	Company	Ownership	33.900	MMLIC
0000			46-3123110				Sweet Tree Holdings 1, LLC	DE	NIA	Wood Creek Capital Management LLC	Influence		MMLIC
			10 0120110 .				Oword Troo Horarings 1, EES			Massachusetts Mutual Life Insurance	11111401100		
0000]]	. [Teak Tree Acquisition, LLC	DE	NIA	Company	Ownership.	14.700	MMLIC
0000							Teak Tree Acquisition, LLC	DE	NIA	Wood Creek Capital Management LLC	Management		MMLIC
0000			46-1500495				U.S. WIG Holdings, LP	DE	NIA	Wood Creek Capital Management LLC	Management		MMLIC
							, , , , , , , , , , , , , , , , , , ,			Massachusetts Mutual Life Insurance			
0000			90-0841497				US Trailer Holdings LLC	DE	NIA	Company	Ownership	19.200	MMLIC
0000			90-0841497				US Trailer Holdings LLC	DE	NIA	Wood Creek Capital Management LLC	Management		MMLIC
							-			Massachusetts Mutual Life Insurance			
0000			. 46-3378584 .				WC Aircraft Holdings US II, LLC	DE	NIA	Company	Ownership	17.900	
0000			. 46-3378584 .				WC Aircraft Holdings US II, LLC	DE	NIA	Wood Creek Capital Management LLC	Management		MMLIC
										Massachusetts Mutual Life Insurance			
0000							Wood Creek Aircraft Holding I, LP	CYM	NIA	Company	Ownership	12.100	
0000							Wood Creek Aircraft Holding I, LP	CYM	NIA	Wood Creek Capital Management LLC	Management		MMLIC
							Babson Capital Floating Rate Income Fund						
0000			. 04-1590850 .		0001501011		Management, LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			07 0500040		0004500070		Babson Capital Core Fixed Income	DE				100 000	
0000			. 27-3523916 .		0001503878		Management LLCBabson Capital Total Return Management LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			27-3524203		0001503879		Babson Capital Total Return Management LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			98-0536233		0001303679		Benton Street Advisors, Inc.	CYM	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			04-1590850				SDCOS Management LLC	DE DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			04-1590850				Credit Strategies Management LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			04-1590850				Great Lakes III GP. LLC	DE	NIA	Babson Capital Management LLC	Ownership.	100.000	MMLIC
0000			. 04-1590850 .				Loan Strategies Management LLC	DE	NIA	Babson Capital Management LLC	Ownership.	100.000	MMLIC
0000			04-1590850				Mezzco LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			02-0767001				Mezzco II LLC	DE	NIA	Babson Capital Management LLC	Ownership	98.400	MMLIC
0000			41-2280126				Mezzco III LLC	DE	NIA	Babson Capital Management LLC	Ownership	99.300	MMLIC
0000			80-0920285 .				Mezzco IV LLC	DE	NIA	Babson Capital Management LLC	Ownership	99.300	MMLIC
0000			90-0666326		. []		Mezzco Australia LLC	DE	NIA	Babson Capital Management LLC	Ownership	72.000	MMLIC
							Somerset Special Opportunities Management						
0000			. 04-1590850 .		.		LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	MMLIC
0000			. 04-1590850 .				Winterset Management LLC	DE	NIA	Babson Capital Management LLC	Ownership	100.000	
0000			. 84-1149206 .	2897101			Oppenheimer Acquisition Corp	DE	NIA	MassMutual Asset Management Holding LLC .	Ownership	96.600	
0000			. 13-2527171 .	2679183	0000820031		OppenheimerFunds, Inc.	CO	NIA	Oppenheimer_Acquisition Corp.	Ownership	100.000	MMLIC
0000			. 13-2953455 .		0000276541		OppenheimerFunds Distributor, Inc.	NY	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC
0000			. 84-1106295 .				Oppenheimer Real Asset Management, Inc.	DE	NIA	OppenheimerFunds, Inc.	Ownership	100.000	
0000			13-4160541	3458125	0001179479		OFI Global Institutional, Inc.	NY	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC
0000			40.0450505	0044077				1		OFI Institutional Asset Management, Inc.		400 000	188 10
0000			13-3459790	. 2914875			OFI Global Trust Company	NY	NIA		Ownership	100.000	MMLIC

SCHEDULE Y

					11 17	Y - DE I AIL	LOI INSCINAINCE	- !!\	JLD	ING COMPANY 5				
1	2	3	4	5	6	7	8	9	10	11	12 Type of Control	13 If Control	14	15
									D		(Ownership,	is		
						Name of Securities		D:	Relation	-	Board,	Owner-		
		NAIC	Fadaral			Exchange	Names of	Domi- ciliary	ship		Management,	ship		
Group		Company	Federal ID	Federal		if Publicly Traded (U.S. or	Names of Parent, Subsidiaries		to Reportin	g Directly Controlled by	Attorney-in-Fact, Influence,	Provide Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	Loca- tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
Oodc	Group Marrie	Oouc	Number	TIOOD	Olik	international)	Of Attitudes	tion	Littity	OFI Institutional Asset Management, Inc.		iago	Entity(ies)/1 crson(s)	-
0000			22-2697140				HarbourView Asset Management Corporation	NY	NIA	or mattational Asset management, me.	Ownership	100.000	MMLIC	
			22 2001 110		-		That bout From Hood C management outport at 1011			OFI Institutional Asset Management, Inc.	omior om p			
0000			25-1951632		. 0000099782		Trinity Investment Management Corporation	PA	NIA		Ownership	100.000		
0000			84-1128397		0000857468		OFI SteelPath, Inc.	DE	NIA	OppenheimerFunds, Inc.	Ownership.	100.000	MMLIC	
0000			84-1066811		0000276398		Shareholder Services, Inc.	CO	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC	
0000			. 84-0765063		. 0001041674		OFI Global Asset Management, Inc.	DE	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC	
0000			91-2036414		0001179480		OFI Private Investments Inc.	NY	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC	
0000			62-1210532				Tremont Group Holdings, Inc.	NY	NIA	Oppenheimer Acquisition Corp	Ownership	100.000	MMLIC	
0000			06-1121864	.	. 0000764139		Tremont Partners, Inc.	CT	NIA	Tremont Group Holdings, Inc.	Ownership	100.000	MMLIC	
							Tremont Capital Management (Ireland)							
0000							Limited	JRL	NIA	Tremont Group Holdings, Inc	Ownership	100.000	MMLIC	
0000			. 20-8215352		-		Tremont GP, Inc.	DE	NIA	Tremont Group Holdings, Inc.	Ownership	100.000	MMLIC	
0000			90-0874510				Settlement Agent LLC	DE	NIA	Tremont Group Holdings, Inc.	Ownership	100.000		
0000							Tremont (Bermuda) Limited	BMU	NIA	Tremont Group Holdings, Inc.	Ownership	100.000		
0000			04-1590850				MassMutual Baring Holding LLC	DE	NIA	MassMutual Asset Management Holding LLC		100.000		
0000		-	98-0241935	2363071	. 0000932463		Baring North America LLC	MA	NIA	MassMutual Baring Holding LLC	Ownership	100.000		
0000		-					MassMutual Holdings (Bermuda) Limited	BMU	NI A	MassMutual Baring Holding LLC	Ownership	100.000	MMLIC	
0000			98-0241935		0001568131		Baring Asset Management Limited	GBR	NIA	MassMutual Holdings (Bermuda) Limited	Ownership	100.000	MMLIC	
0000			. 98-0457328		. 0001568131		Baring International Investment Limited	GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC	
0000			98-0457587				Baring International Investment Management Holdings	GBR	NIA	Baring Asset Management Limited	Ownership.	100.000	MMLIC	
0000			90-0437307				Baring Asset Management UK Holdings	חסט	NIA	Baring International Investment	_ ownerstrip			
0000			98-0457576				Limited	GBR	NIA	Management Holdings	Ownership.	100.000	MMLIC	
0000			30 0437370				Limited		INI /\	Baring Asset Management UK Holdings	- Owner strip			
0000			98-0465031				Baring Asset Management GmbH	DEU	NIA	Limited	Ownership	100.000	MMLIC	
5000		-	30 0400001		-		Baring Asset Management (Asia) Holdings			Baring Asset Management UK Holdings	Office Strip.			
0000			98-0524271				Limited	HKG	NIA	Limited	Ownership	100.000		
		-					Baring International Fund Managers			Baring Asset Management (Asia) Holdings				
0000			98-0457465				(Bermuda) Limited	BMU	NIA	Limited	Ownership	100.000	MMLIC	
							,			Baring Asset Management (Asia) Holdings	, , , , , , , , , , , , , , , , , , , ,			
0000			98-0457463				Baring Asset Management (Asia) Limited	HKG	NIA	Limited	Ownership	100.000	MMLIC	
0000							Baring Asset Management Korea Limited	KOR	NIA	Baring Asset Management (Asia) Limited	Ownership	100.000	MMLIC	
										Baring Asset Management (Asia) Holdings				
0000			98-0236449				Baring Asset Management (Japan) Limited	JPN	NIA	Limited	Ownership	100.000		
							Baring Asset Management (Australia) Pty			Baring Asset Management (Asia) Holdings				
0000			98-0457456				Limited	AUS	NIA	Limited	Ownership	100.000	MMLIC	
							Baring International Fund Managers			Baring Asset Management UK Holdings				
0000			. 98-0524272				(Ireland) Limited	JRL	NIA	Limited	Ownership	100.000	MMLIC	
0000								0.12		Baring Asset Management UK Holdings		400 000	144.10	
0000		-			-		Baring Asset Management Switzerland Sàrl	CHE	NIA	Limited	Ownership	100.000	MMLIC	
0000			00 0457707				Desire OLOF (Tell early 12 11 1	Turk		Baring Asset Management UK Holdings	O march:	400 000	144.10	
0000		-	. 98-0457707	-	-		Baring SICE (Taiwan) Limited	JWN	NIA	Limited	Ownership	100.000	MMLIC	
0000			00 0407550				Boring France CAS	FRA	ALLA	Baring Asset Management UK Holdings	Ownership	100 000	MMLIC	
0000		-	98-0497550 98-0457586	-			Baring France SAS	FRA GBR	NIA	Limited	Ownership	100.000	MML1C	
0000			98-0457574				Baring Fund Managers Limited	GBR	NIA NIA	Baring Asset Management Limited	Ownership.		MMLIC	
0000		-	98-0457578	-			Baring Investment Services Limited	GBR	NIA NIA	Baring Asset Management Limited Baring Asset Management Limited	Ownership.	100.000	MMLIC	
0000		-	30-043/3/8				Baring Investment Services Limited	GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC	
0000		-	1				MassMutual International Holding MSC, Inc.	nuun	IN I A	Dailing Asset management Limited	Omilet Sifty	100.000	WINIL TO	
0000			04-3548444				massmatuar international noturny woo, Inc.	MΔ	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC	
0000		-	TEPUPUU FU	-1	.		1	- IIII/\	IVI /	macomutua: LLU			mm= : V	

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						Name of Securities			Relation	-	Board,	Owner-		
						Exchange		Domi-	ship		Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		
Group		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
0000	1		62-0951563	1160004	0001259664		First Mercantile Trust Company	TN	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC	
0000			46-2252944				Haven Life Insurance Agency, Inc	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC	
0000			04-3324233				HYP Management LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000		
0000			04-2443240				MML Realty Management Corporation	MA	NIA	MassMutual Holding LLC	Ownership.	.100.000	MMLIC	
0000			47-1466022				Society of Grownups, LLC	MA	NIA	MassMutual Holding LLC	Ownership.	100.000	MMLIC	
							, , , , , , , , , , , , , , , , , , , ,			Massachusetts Mutual Life Insurance	·			
0000			04-1590850				MML Mezzanine Investor II, LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
							,			Massachusetts Mutual Life Insurance	·			
0000			04-1590850				MML Mezzanine Investor III, LLC	DE	NIA	Company	Ownership	100.000		
]							,			Massachusetts Mutual Life Insurance				
0000			27-3576835				MassMutual External Benefits Group LLC	DE	NI A	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance	,			
0000			04-1590850				MML Re Finance LLC	DE	NIA	Company	Ownership	100.000		
										Massachusetts Mutual Life Insurance	,			
0000			52-2274685				CAFI. Inc.	MD	NIA	Company	Ownership	69 . 900	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			56-2574604				Invicta Advisors LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance		- -		
0000			27-0105644				Jefferies Finance LLC	DE	NI A	Company	Ownership	45.000	MMLIC	1
0000			27-0105644				Jefferies Finance LLC	DE	NIA	Babson Capital Management LLC	Ownership	5.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-1590850		0000067160		MML Private Equity Fund Investor LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
0000			04-1590850				MM Private Equity Intercontinental LLC	DE	NIA	MML Private Equity Fund Investor LLC	Ownership	100.000		
										Massachusetts Mutual Life Insurance	·			
0000							Almack Mezzanine Fund LP	GBR	NIA	Company	Ownership	36.500	MMLIC	
0000							Almack Mezzanine Fund LP	GBR	NIA	C.M. Life Insurance Company	Ownership	4.100	MMLIC	
0000							Almack Mezzanine Fund LP	GBR	NIA	Babson Capital Europe Limited	Management		MMLIC	
										Massachusetts Mutual Life Insurance				
0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NIA	Company	Ownership	72.800		
0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NIA	Babson Capital Europe Limited	Management		MMLIC	
										Massachusetts Mutual Life Insurance				
0000							Almack Mezzanine Fund III LP		NIA	Company	Ownership	33.700	MMLIC	
0000							Almack Mezzanine Fund III LP	GBR	NIA	C.M. Life Insurance Company	Ownership	4.200	MMLIC	
0000							Almack Mezzanine Fund III LP	GBR	NIA	Babson Capital Europe Limited	Management		MMLIC	
		1			1					Massachusetts Mutual Life Insurance				
0000			. 55-0886109 .		0001321302		Babson Capital High Yield LLC	DE	NI A	Company	Ownership	88.200	MMLIC	
0000			. 55-0886109 .		0001321302		Babson Capital High Yield LLC	DE	NI A	C.M. Life Insurance Company	Ownership	11.800	MMLIC	
0000			55-0886109 .		0001321302		Babson Capital High Yield LLC	DE	NI A	Babson Capital Management LLC	Management		MMLIC	
		1					Babson Capital Floating Rate Income Fund,							
0000			27-3330830 .		0001521404		L.P	DE	NIA	MassMutual Holding LLC	Ownership	6.600	MMLIC	
		1				1	Babson Capital Floating Rate Income Fund,							
0000			27-3330830		0001521404		L.P	DE	NIA	Babson Capital Management LLC	Management		MMLIC	
		1			l		Babson Capital Global Investment Funds plo			Massachusetts Mutual Life Insurance				
0000					0001502146			GBR	NI A	Company	Ownership	0.600	MMLIC	
		1					Babson Capital Global Investment Fund 2			Massachusetts Mutual Life Insurance				
0000					0001582591		plc	JRL	NIA	Company	Ownership	18.200	MMLIC	
		1					Babson Capital Global Investment Fund 2	1						
0000					0001582591		pic	JRL	NIA	Babson Capital Management LLC	Management		MMLIC	
		1				1			l	Massachusetts Mutual Life Insurance				
0000				.	0001515694	I	Babson Capital Global Umbrella Fund plc	GBR	NIA	Company	Ownership	52.600	MMLIC	

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						Name of Securities			Relatio		Board,	Owner-		
						Exchange		Domi-	ship		Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporti		Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity		Other)	tage	Entity(ies)/Person(s)	*
										Massachusetts Mutual Life Insurance				
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P.	DE	NIA	Company	Ownership	78.200	MMLIC	
0000			37-1506417 37-1506417				Babson Capital Loan Strategies Fund, L.P.	DE	NIA NIA	C.M. Life Insurance Company		3.900	MMLIC	
0000			37-1306417				Babson Capital Loan Strategies Fund, L.P Babson CLO Ltd. 2005-I	CYM	NIA		Influence.		MMLIC	7
0000							Babson CLO Ltd. 2005-11	CYM	NIA	Babson Capital Management LLC	Influence		MMLIC	8
0000							Babson CLO Ltd. 2005-III	CYM	NIA.	Babson Capital Management LLC	Influence		MMLIC	3
0000							Babson CLO Ltd. 2006-1	CYM	NIA		Influence		MMLIC	9
0000							Babson CLO Ltd. 2006-II	CYM	NIA.		Influence		MM IC	10
0000							Babson CLO Ltd. 2007-I	CYM	NIA	Babson Capital Management LLC	Influence		MMLIC	11
0000							Babson CLO Ltd. 2011-I	CYM	NIA		Influence		IMMLIC	
0000							Babson CLO Ltd. 2012-I	CYM	NIA		Influence		MMLIC	
0000							Babson CLO Ltd. 2012-II	CYM	NIA	Babson Capital Management LLC	Influence		MMLIC	
0000							Babson CLO Ltd. 2013-I	CYM	NIA		Influence		MMLIC	14
0000			98-1128827				Babson CLO Ltd. 2013-II	CYM	NIA	Babson Capital Management LLC	Influence		MMLIC	15
0000							Babson CLO Ltd. 2014-I	CYM	NIA	Babson Capital Management LLC	Influence			
0000							Babson Euro CLO 2014-I BV	NLD	NIA	Babson Capital Management LLC	Influence			
0000							Babson Euro CLO 2014-II BV	NLD	NI A		Influence		MMLIC	
0000			. 46-3133952				Babson Global Floating Rate Fund	MA	NIA		Management		MMLIC	
										Massachusetts Mutual Life Insurance				
0000			46-3133952				Babson Global Floating Rate Fund	MA	NIA	Company	Ownership	44.800	. MMLIC	
0000			46-3119764				Babson Global Income Opportunities Credit Fund	MA	ALLA	Debere Or ital Menores till O	Manager 4		MMLIC	
0000			46-3119/64				Babson Global Income Opportunities Credit	MA	NIA	Babson Capital Management LLC	Management		MMLIC	
0000			46-3119764				Fund	MA	NIA	Company	Ownership	64.100	MMLIC	
0000			40-3119704				Babson Mid-Market CLO Ltd. 2007-II	CYM	NIA	Babson Capital Management LLC	Influence	04. 100	MMLIC	2
0000			98-0536233				Benton Street Partners I, L.P.	CYM	NIA	MassMutual Capital Partners LLC	Ownership	97.800	MMLIC	2
0000			98-0536233				Benton Street Partners I. L.P.	CYM	NIA		Management		MMLIC	
0000			98-0536233		-		Benton Street Partners I, L.P.	CYM	NIA		Ownership	0.100	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			98-0536233				Benton Street Partners I, L.P.	CYM	NIA	Company	Ownership	2.100	MMLIC	
0000			98-0536199				Benton Street Partners II, L.P.	CYM	NIA		Ownership	98.800	MMLIC	5
0000							Clear Lake CLO, Ltd.	CYM	NIA		Influence		MMLIC	
							Connecticut Valley Structured Credit CDO							
0000							II, Ltd	CYM	NIA	Babson Capital Management LLC	. Influence		MMLIC	12
							Connecticut Valley Structured Credit CDO							
0000							III, Ltd	CYM	NIA		Influence		MMLIC	
0000							Diamond Lake CLO, Ltd.	CYM	NIA		Influence		MMLIC	4
0000				4007418			Duchess I CDO S.A.	GBR	NIA		Influence		MMLIC	
0000				4007445			Duchess III CDO S.A.	GBR	NIA		Influence		MMLIC	
0000					-		Duchess IV CDO S.A	GBR GBR	NIA	Babson Capital Management LLC	Influence	-	MMLIC	
0000				3981641	-		Duchess VI CLO B.V.	GBR	NIA NIA.		Influence	-	MMLIC	
0000			1	4007502	-		Duchess VII CLO B.V.	GBR	NIA		Influence	-	MMLIC	
0000				. +001302			Fugu CLO B.V.	GBR	NIA		Influence		MMLIC	6
0000							Fugu Credit Plc	GBR	NIA		Influence		MMLIC	6
							raga ordart i io	ושע		Massachusetts Mutual Life Insurance	- IIII I GOILOG		L.1 V	V
0000			80-0691253		0001517196		Gateway Mezzanine Partners I, L.P.	DE	NIA		Ownership	72.600	MMLIC	
0000			80-0691253		. 0001517196		Gateway Mezzanine Partners I, L.P.	DE	NIA	C.M. Life Insurance Company	Ownership	9.000	MMLIC	
0000			80-0691253		0001517196		Gateway Mezzanine Partners I, L.P.	DE	NIA	Babson Capital Management LLC	Management		MMLIC	
0000			80-0691253		. 0001517196		Gateway Mezzanine Partners I, L.P.	DE	NIA	MassMutual Holding LLC	Ownership	12.600		

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						Name of Securities			Rela	ation-	Board,	Owner-		
						Exchange		Domi	sł	hip	Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary		to	Attorney-in-Fact,	Provide		
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries		Repo	orting Directly Controlled by	Influence,	Percen-	Ultimate Controlling	ι
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion		ntity (Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s	
0000	•					,	Gateway Mezzanine Partners I Tru	ustCYM	N	IA Babson Capital Management LLC	Influence		MMLIC	_
										Massachusetts Mutual Life Insurance				
0000			. 90-0991195 .		0001597511		Gateway Mezzanine Partners II LF	DE	N	IA Company	Ownership	85.000	MMLIC	
0000			90-0991195		0001597511		Gateway Mezzanine Partners II LF			IA C.M. Life Insurance Company	Ownership.	12.700	MMLIC	
0000			90-0991195		0001597511		Gateway Mezzanine Partners II LF		N	IA Babson Capital Management LLC	Management		MMLIC	
										Massachusetts Mutual Life Insurance				
0000			71-1018134				Great Lakes II LLC	DE	N	IA Company	Ownership	11. 200	MMLIC	
0000			71-1018134				Great Lakes II LLC	DE		IA C.M. Life Insurance Company	Ownership	1.000	MMLIC	
			1							Massachusetts Mutual Life Insurance		1		
0000		l	37-1708623	l	0001565779		Great Lakes III. L.P.	DE	N.	IA Company	Ownership	35.700	MMLIC	
0000			37-1708623	l	0001565779		Great Lakes III, L.P.			IABabson Capital Management LLC	Management		MMLIC	
									1	Massachusetts Mutual Life Insurance				
0000			56-2505390				Great Lakes LLC	DE	N	IA Company	Ownership	4 . 400	MMLIC	
0000			56-2505390				Great Lakes LLC	DE.		IA C.M. Life Insurance Company	Ownership.	0.500	MMLIC	
0000			46-2344300				Intermodal Holdings II LLC	DE		IA Wood Creek Capital Management LLC	Influence		MMLIC	
			201.000				The state of the s			Massachusetts Mutual Life Insurance				
0000			56-2574568				Invicta Holdings LLC	MA	N	IA Company	Ownership	82.300	MMLIC	
0000			00 207 1000 1				Malin CLO B.V.			IA Babson Capital Management LLC	Influence		MMLIC	
0000							Newton CDO Ltd	CYM		IA Babson Capital Management LLC	Influence	-	MMLIC	
0000							Rockall CLO B.V.	GBR		IA Babson Capital Management LLC	Influence		MMLIC	
0000							Saint James River CDO, Ltd.	CYM		IA Babson Capital Management LLC	Influence		MMLIC	
0000							Sapphire Valley CDO I, Ltd.	CYM		IA Babson Capital Management LLC	Influence		MMLIC	13
0000							ouppille varies obe 1, Eta.			Massachusetts Mutual Life Insurance				
0000			74-3182902				SDCOS L.P.	DE	N	IA Company	Ownership	. 100.000	MMLIC	
0000			74-3182902				SDCOS L.P.	DE		IA Babson Capital Management LLC	Management		MMLIC	
							05000 2			Massachusetts Mutual Life Insurance				
0000			20-8856877		0001409910		Somerset Special Opportunities F	Fund L.P DE	N	IA Company	Ownership	31.900	MMLIC	
0000			20-8856877		0001409910		Somerset Special Opportunities F			IA C.M. Life Insurance Company	Ownership	1.400	MMLIC	
0000			20-8856877		0001409910		Somerset Special Opportunities F			IA Babson Capital Management LLC	Management		MMLIC	
0000			20 0000077 .		0001100010		Suffield CLO, Limited	CYM		IA Babson Capital Management LLC	Influence		MMLIC	
0000							Summit Lake CLO, Ltd.	CYM		IA Babson Capital Management LLC	Influence		MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-3722906		0001228752		Tower Square Capital Partners, L	L.PDE	N	IA Company	Ownership	40.600	MMLIC	
0000			04-3722906		0001228752		Tower Square Capital Partners, L			IA C.M. Life Insurance Company	Ownership	1. 100	MMLIC	
0000			04-3722906		0001228752		Tower Square Capital Partners, L			IA Babson Capital Management LLC	Management		MMLIC	
0000			. 04-3722906 .		0001228752		Tower Square Capital Partners, L			IA MassMutual Holding LLC	Ownership	5.700	MMLIC	
							The square out the same of the		T	Massachusetts Mutual Life Insurance				
0000			30-0336246		0001345379		Tower Square Capital Partners II	I, L.PDE	N	IA Company	Ownership	25.800	MMLIC	
0000			30-0336246		0001345379		Tower Square Capital Partners II			IA C.M. Life Insurance Company	Ownership.	2.300	MMLIC	
0000			30-0336246		0001345379		Tower Square Capital Partners II			IABabson Capital Management LLC	Management		MMLIC	
0000			30-0336246		0001345379		Tower Square Capital Partners II			IAMassMutual Holding LLC	Ownership	4.500	MMLIC	
										Massachusetts Mutual Life Insurance				
0000		l	32-0160190	l	1		Tower Square Capital Partners II	I-A. L.P DE	N.	IA Company	Ownership	76.900	MMLIC	
0000			32-0160190				Tower Square Capital Partners II			IA C.M. Life Insurance Company	Ownership	13.600	MMLIC	
0000			. 32-0160190				Tower Square Capital Partners II			IA Babson Capital Management LLC	Management		MMLIC	
0000			41-2280127		0001447547		Tower Square Capital Partners II			IA Babson Capital Management LLC	Management		MMLIC	
0000			41-2280127		0001447547		Tower Square Capital Partners II			IAMassMutual Holding LLC	Ownership.	3.400	MMLIC	
										Massachusetts Mutual Life Insurance	1			
0000			41-2280127		0001447547		Tower Square Capital Partners II	II. L.P. DE	N	IA Company	Ownership.	18.600	MMLIC	
			1					,	Ţ	Massachusetts Mutual Life Insurance				
0000			41-2280129		0001447548		Tower Square Capital Partners II	IIA. L.P. DE	N	IA Company	Ownership	86.800	MMLIC	
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1	2	3	4	5	6	7	8	9	10	11	12 Type of Control	13 If Control	14	15
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						Name of Securities			Relation-		Board,	Owner-		
						Exchange		Domi-	ship		Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
0000			41-2280129		0001447548		Tower Square Capital Partners IIIA, L.P	DE	NIA	Babson Capital Management LLC	Management		MMLIC	
0000			80-0920340 .		0001597019		Tower Square Capital Partners IV, L.P	DE	NIA	Babson Capital Management LLC	Management		MMLIC	
0000			80-0920367 .		0001598727		Tower Square Capital Partners IV-A, L.P	DE	NIA	MassMutual Holding LLC	Ownership	22.400	MMLIC	
0000			80-0920367 .		0001598727		Tower Square Capital Partners IV-A, L.P	DE	NIA	Babson Capital Management LLC	Management		MMLIC	
0000			46-2104352 .				U.S. Trailer Holdings II LLC	DE	NIA	Wood Creek Capital Management LLC	Influence		MMLIC	
0000							Whately CDO, Ltd.	CYM	NIA	Babson Capital Management LLC	Influence		MMLIC	
										Massachusetts Mutual Life Insurance				
0000					0001324680		Winterset Capital Partners, L.P.	CYM	NIA	Company	Ownership	75.900	MMLIC	
0000					0001324680		Winterset Capital Partners, L.P.	CYM	NIA	C.M. Life Insurance Company	Ownership.	2.400	MML1C	
0000			1		0001324680		Winterset Capital Partners, L.P.	CYM		Babson Capital Management LLC	Management		MLIC	
										Massachusetts Mutual Life Insurance				
0000			20-4981369		0001371601		Wood Creek Multi Asset Fund. L.P.	DE	NIA	Company	Ownership	100.000	MMLIC	
0000			20-4981369		0001371601		Wood Creek Multi Asset Fund, L.P.	DE	NIA	Babson Capital Management LLC	Management.		MMLIC	
			20 1001000 .		0001011001		mode of ook marti 7000t rana, E.i.			Massachusetts Mutual Life Insurance	- managomorre			
0000			04-1590850 .				Wood Creek Venture Fund LLC	MA	NIA	Company	Ownership	40.000	MMLIC	
0000			. 04 1030000 .				Baring All Country World ex US Equity Fund	IW/\		Company	Owner strip			
0000			45-4184261		0001547286		Darring Arr Country World ex Co Equity Fund	DE	NIA	Baring Asset Management Limited	Influence		MMLIC	
0000			45-4104201		0001347200					Massachusetts Mutual Life Insurance	IIII luelice		WWLIC	
0000							Danian Francisco Market Cons Daht Frond	JRL	NIA	Company	Ownership	78.600	MMLIC	
0000							Baring Emerging Market Corp Debt Fund	JRL		Baring Asset Management Limited	Management	/8.600	MMLIC	
0000							Baring Emerging Market Corp Debt Fund	JKL	NIA		management		MMLIC	
0000			44 0700440				Desire Francis FAFF Facility Found	DE	ALL A	Massachusetts Mutual Life Insurance	0	04 000	MMLIC	
			11-3789446 .				Baring Focused EAFE Equity Fund	DE	NIA	Company	Ownership	21.000		
0000			11-3789446				Baring Focused EAFE Equity Fund	DE	NIA	Baring Asset Management Limited	Management		MMLIC	
0000			00 0007070		0004407040		Baring Global Dynamic Asset Allocation	DE		Massachusetts Mutual Life Insurance	0 1:	F4 000	184 10	
0000			30-0607379 .		0001497049		Fund	DE	NIA	Company	Ownership	54.200	MMLIC	
							Baring Global Dynamic Asset Allocation							
0000			30-0607379 .		0001497049		Fund	DE		Baring Asset Management Limited	Management		MMLIC	
0000			. 39-2059577 .		0001491482		Baring International Equity Fund	DE	NI A	Baring Asset Management Limited	Management		MMLIC	
							Baring International Small Cap Equity Fund			Massachusetts Mutual Life Insurance				
0000			26-4142796 .					DE	NIA	Company	Ownership	100.000	MMLIC	
							Baring International Small Cap Equity Fund							
0000			26-4142796 .					DE		Baring Asset Management Limited	Management		MMLIC	
0000			46-1197222 .				Baring World Equity Fund	DE	NIA	Baring Asset Management Limited	Management		MMLIC	
1							Multi-Employer Global Aggregate							
0000			26-1896226 .				Diversified Portfolio	DE	NI A	Baring Asset Management Limited	Management		MMLIC	
							12-18 West 55th Street Predevelopment, LLC			Massachusetts Mutual Life Insurance				
0000			. 20-2548283 .					DE	NIA	Company	Ownership		MMLIC	
							12-18 West 55th Street Predevelopment, LLC							
0000			20-2548283 .					DE	NIA	C.M. Life Insurance Company	Ownership	7.700	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			46-4803557				2 Harbor Shore Member LLC	DE	NIA	Company	Ownership	91.000	MMLIC	
0000			46-4803557				2 Harbor Shore Member LLC	DE	NIA	C.M. Life Insurance Company	Ownership	9.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			45-5257904 .				21 West 86 LLC	DE	NIA	Company	Ownership	91.200	MMLIC	
0000			45-5257904				21 West 86 LLC	DE	NIA	C.M. Life Insurance Company	Ownership	4.800	MML1C	
										Massachusetts Mutual Life Insurance				
0000			45-2779931				AT Mid-Atlantic Office Portfolio LLC	DE	NIA	Company	Ownership.	90.000	MMLIC	
0000			45-2779931				AT Mid-Atlantic Office Portfolio LLC	DE		C.M. Life Insurance Company	Ownership		MMLIC	
0000			2110001							Massachusetts Mutual Life Insurance				
0000			20-4570515		0001362970		Babson Mezzanine Realty Investors I	DE	NIA	Company	Ownership		MMLIC	
0000			20-4570515		0001362970		Babson Mezzanine Realty Investors I	DE		C.M. Life Insurance Company	Ownership	2.000	MMLIC	
טטטע		.			10001002310		DUDGOTH WELLAHITE HEATLY HIVESLUIS I	UL		U.III. LITE HISUIGHOU COMPANY	viiiiGI 3111 P		mmL1V	

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						Name of Securities Exchange		Domi-	Relation- ship		Board,	Owner- ship		
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Group		Company	ID	Federal		(U.S. or	Names of Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Attorney-in-Fact, Influence,	Provide Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
0000	Group Name	Code	20-4570515	กออบ	0001362970	international)	Babson Mezzanine Realty Investors I	DE	NIA	Cornerstone Real Estate Advisers LLC		laye	MMLIC	-
0000			20-45/0515		. 0001302970		Babson Mezzanine Realty Investors I	UE	NIA	Massachusetts Mutual Life Insurance	Management		MMLIC	
0000			24-1446970 .		0001362970		Babson Mezzanine Realty Investors II	DE	NI A	Company	Ownership	65.000	MMLIC	
0000			24-1446970		0001362970		Babson Mezzanine Realty Investors II	DE	NIA	Cornerstone Real Estate Advisers LLC	Management		MMLIC	
			. 24-1440970 .		0001302370		Dabson wezzamne nearty mivestors in		NI /\	Massachusetts Mutual Life Insurance	management			
0000			04-1590850				CHC/RFP VI Core LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
0000			06-1595820				Cornerstone Apartment Fund I, LLC	DE	NIA	Cornerstone Real Estate Advisers LLC	Influence	100.000	MMLIC	
0000			20-5786329		0001386622		Cornerstone Apartment Pullu 1, LLC	DE	NIA	Cornerstone Real Estate Advisers LLC	Influence		MMLIC	
0000			20 0100023		10001000022		ournorstone apartment venture iri, LLO	J		Massachusetts Mutual Life Insurance	_ IIII IUGIICG	-		
0000			56-2639862		1		Cornerstone Austin Park Central LP	DE	NIA	Company	Ownership	91.000	MMLIC	
0000			56-2639862				Cornerstone Austin Park Central LP	DE	NIA	C.M. Life Insurance Company	Ownership	91.000	MMLIC	
0000			. 27-1701733 .		0001481753		Cornerstone Core Mortgage Fund I LP	DE	NIA NIA	Cornerstone Real Estate Advisers LLC	Management.		MMLIC	
0000			. 21-1101133 .		1000 140 1/33		Control Stolle Core mortgage Fullu i LP	J	NIA	Massachusetts Mutual Life Insurance	manayement		INVINCTO	
0000			27-1701622		0001481752		Cornerstone Core Mortgage Venture LP	DE	NIA	Company	Ownership.	50.000	MMLIC	
0000			27-1701622		0001481752		Cornerstone Core Mortgage Venture I LP	DE	NIA	Cornerstone Real Estate Advisers LLC	Management		MMLIC	
0000			45-3751572		0001481732		Cornerstone Enhanced Mortgage Fund I LP	DE	NIA	Cornerstone Real Estate Advisers LLC	Ownership	15.900	MMLIC	
0000			45-5/5/5/2		0001334077		Cornerstone Emilanceu mortgage Fund i EF		NIA	Massachusetts Mutual Life Insurance	_ ownerstrip	13.900	WWILTO	
0000			56-2630592				Cornerstone Fort Pierce Development LLC	DE	NIA	Company	Ownership	84.400	MMLIC	
0000			56-2630592				Cornerstone Fort Pierce Development LLC	DE	NIA NIA	C.M. Life Insurance Company	Ownership	5.600	MMLIC	
0000			. 30-2030392 .				Cornerstone Fort Frence Development LLC	UE	NIA	Massachusetts Mutual Life Insurance	ownership	5.000		
0000			20-8730751 .				Cornerstone Global Real Estate LP	DE	NIA	Company	Ownership	92.300	MMLIC	
0000			20-8730751				Cornerstone Global Real Estate LP	DE	NIA	C.M. Life Insurance Company	Ownership	7.600	MMLIC	
0000			20-8730751				Cornerstone Global Real Estate LP	DE	NIA	Cornerstone Real Estate Advisers LLC	Management	/ .000	MMLIC	
0000			. 20-0/30/31 .				Cornerstone Grobal hear Estate LF		NIA	Massachusetts Mutual Life Insurance	. management			
0000			36-4770946		0001590049		Cornerstone High Yield Venture LP	DE	NIA	Company	Ownership	49.900	MMLIC	
0000			36-4770946		0001590049		Cornerstone High Yield Venture LP	DE	NIA	Cornerstone Real Estate Advisers LLC	Management	43.300	MMLIC	
0000			30-4770940		. 10001390049		Cornerstone might freta venture LF	UE	NI A	Massachusetts Mutual Life Insurance	. management			
0000			20-5578165				Cornerstone Holding LP	DE	NIA	Company	Ownership	10.000	MMLIC	
0000			. 20-55/6/65 .				Cornerstone Hotel Income & Equity Fund II		NI A	Massachusetts Mutual Life Insurance	. Owner strip		MMLTC	
0000			26-1528817		0001423638		IP	DE	NIA	Company	Ownership	16.900	MMLIC	
			. 20-1320017 .		0001423030		Lr		NI /\	Massachusetts Mutual Life Insurance	Owner Sirrp	10.900	INVILIO	
0000			20-5567494				Cornerstone Non-REIT Holding LLC	DE	NIA	Company	Ownership	33.700	MMLIC	
0000			27-0547156				Cornerstone Real Estate Fund VIII LP	DE	NIA	Cornerstone Real Estate Advisers LLC	Influence		MMLIC	
0000							Comoratone near Estate Fund VIII EF			Massachusetts Mutual Life Insurance		-		
0000			26-2399532		1		CREA/LYON West Gateway, LLC	DE	NIA	Company	Ownership	54.000	MMLIC	
0000			26-2399532				CREA/LYON West Gateway, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	6.000	MMLIC	
							OILLY LIVE WEST GATEWAY, LLO			Massachusetts Mutual Life Insurance	omici 5//1p	0.000		
0000			20-0348173		1		CREA/PPC Venture LLC	DE	NIA	Company	Ownership	93.400	MMLIC	
0000			20-0348173				CREA/PPC Venture LLC	DE	NIA	C.M. Life Insurance Company	Ownership	6.600	MMLIC	
							OIL VITO TOILUIG LLO			Massachusetts Mutual Life Insurance	- Vinior Strip	0.000		
0000			26-1611591	3956836	1		Fallon Cornerstone One MPD LLC	DE	NIA	Company	Ownership	63 . 100	MMLIC	
0000			26-1611591	3956836			Fallon Cornerstone One MPD LLC	DE	NIA	C.M. Life Insurance Company	Ownership	6.200	MMLIC	
					1					Massachusetts Mutual Life Insurance				
0000			20-3347091		1		Fan Pier Development LLC	DE	NIA	Company	Ownership		MMLIC	
0000			20-3347091 .				Fan Pier Development LLC	DE	NIA	C.M. Life Insurance Company	Ownership	8.800	MMLIC	
5000			. 20 0047001 .				Tan i for beveropment LLO			Massachusetts Mutual Life Insurance	οπιστοπτρ	0.000		
0000			46-3880526		1		Farringdon London Holdings LLC	DE	NIA	Company	Ownership.	94.500	MMLIC	
0000			46-3880526				Farringdon London Holdings LLC	DE	NIA	C.M. Life Insurance Company	Ownership	5.500	MMLIC	
			. 0-000020 .				arranguon London notatings LLC	UE	NIM	Massachusetts Mutual Life Insurance	Owner 2011 b			
0000			46-1586427		1		Gracechurch London Holdings LLC	DE	NIA	Company	Ownership	96.000	MMLIC	
0000		-	46-1586427				Gracechurch London Holdings LLC	DE	NIA NIA	C.M. Life Insurance Company		4.000	MMLIC	
UUU		.	40-158642/				uracecnurch London Holdings LLC	JUE	NIA		Ownership	. 4.000	MML16	

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						Exchange		Domi-	ship		Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting		Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
										Massachusetts Mutual Life Insurance				
0000			-				Infinity SCD Ltd	GBR	NIA	Company	Ownership	4.200	. MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 20-4819358 .				Johnston Groves LLC	DE	NIA	Company	Ownership	57.200	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 20-5984759 .				Metropolitan At Lorton	DE	NIA	Company	Ownership	93.500	MMLIC	
0000			20-5984759				Metropolitan At Lorton	DE	NIA	C.M. Life Insurance Company	Ownership	6.500	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			46-3317841		-		MM Greenhill Office LLC	DE	NIA	Company	Ownership	81.000	. MMLIC	
0000			. 46-3317841 .		-		MM Greenhill Office LLC	DE	NIA	C.M. Life Insurance Company	Ownership	19.000	. MMLIC	
0000			40 5047040				MILI (III II II C	DE	A	Massachusetts Mutual Life Insurance	O manufacti	00.000	188 10	
0000			. 46-5347643 .		-		MMI/Hines Harrison LLC	DE	NIA	Company	Ownership	92.000	MMLIC	
0000			. 46-5347643 .				MMI/Hines Harrison LLC	DE	NIA	C.M. Life Insurance Company	Ownership	8.000	MMLIC	
0000			46-4077059				NN Waadfield Nautinnala II C	DE	MIA	Massachusetts Mutual Life Insurance	O	80.400	MMLIC	
0000			46-4077059				MM Woodfield Martingale LLC MM Woodfield Martingale LLC	DE	NIA NIA	Company	Ownership	19.600	MMLIC	
0000			. 46-4077059 .				MM Woodfleid Martingale LLC	VE	NIA	Massachusetts Mutual Life Insurance	ownersnip	19.600		
0000			. 30-0713071 .				Riva Portland LLC	DE	NILA		O	100.000	MMLIC	
0000			. 30-07 1307 1 .		-		Salomon Brothers Commercial Mortgage Trust	VE	NIA	Company	Ownership		. I WINIL TO	
0000							2001–MM	DE	NIA	Cornerstone Real Estate Advisers LLC	Influence		MMLIC	
0000					-		200 I - IWM		NIA	Massachusetts Mutual Life Insurance	IIII I delice		. INMLIG	
0000			27-2977720				Sawgrass Village Shopping Center LLC	DE	NIA	Company	Ownership.	84.200	MMLIC	
0000			27-2977720				Sawgrass Village Shopping Center LLC	DE	NIA	C.M. Life Insurance Company	Ownership.	15.800	MMLIC	
0000			1 2011120				oungrado Tirrago dhopping dontor LEG			Massachusetts Mutual Life Insurance	omici dirip			
0000			46-0606690				Turnpike Executive Park LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
			1.0 0000000 .		-					Massachusetts Mutual Life Insurance				
0000			. 35-2484550 .				Twenty Two Liberty LLC	MA	NIA	Company	Ownership	91.000	MMLIC	
0000			35-2484550				Twenty Two Liberty LLC	MA	NIA	C.M. Life Insurance Company	Ownership.	9.000	MMLIC	
							· ·, · · · · · · · · · · · · · · · · ·			Massachusetts Mutual Life Insurance				
0000			45-4606547				UK LIW Manager LLC	DE	NIA	Company	Ownership.	100.000	MMLIC	
							· ·			Massachusetts Mutual Life Insurance	·			
0000			45-4606547				UK LIW Member LLC	DE	NIA	Company	Ownership	100.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			45-5401109		.		Washington Gateway Apartments Venture LLC .	DE	NIA	Company	Ownership	91.000	MMLIC	
0000			45-5401109				Washington Gateway Apartments Venture LLC	DE	NIA	C.M. Life Insurance Company	Ownership	4.800	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 20-2970495 .				Waterford Development Associates	DE	NIA	Company	Ownership	90.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			. 46-3122029 .				WeHo Domain LLC	DE	NIA	Company	Ownership	86.000	MMLIC	
0000			46-3122029		-		WeHo Domain LLC	DE	NIA	C.M. Life Insurance Company	Ownership	14.000	MMLIC	
										Massachusetts Mutual Life Insurance			l	
0000			26-2384708				Wesley Chapel Theaters LLC	DE	NIA	Company	Ownership	90.000	MMLIC	
0000			26-2384708		-		Wesley Chapel Theaters LLC	DE	NIA	C.M. Life Insurance Company	Ownership	10.000		
0000			00 54044				V	DE		Massachusetts Mutual Life Insurance		00.000		
0000			. 20–5481477 .				Ygnatio Valley Funding	DE	NI A	Company	Ownership	90.000	. MMLIC	
0000			4E 0400000				MassMutual Barings Dynamic Allocation Fund	144	ALL A	Massachusetts Mutual Life Insurance	Ownership	00.000	INH IC	
0000			45-3168892		. OQ			MA	NIA	Company	Ownership	99.900	MMLIC	
0000			04 2010054		0000007070		Manakhitirah Danmian Dahanand Firmd	144	MIA	Massachusetts Mutual Life Insurance	Ownership	4 000	MMLIC	
0000			. 04-3212054 .		_ 0000927972 0Q		MassMutual Premier Balanced Fund	MA	NIA	Company	Ownership	4.200	WINILIU	
0000			04 2077540		0000007070		Manakhataal Baamian Cana Band Fund	MA	MIA	Massachusetts Mutual Life Insurance	Ownership	0.000	MMLIC	
טטטע			. 04-3277549		. 0000927972 OQ		MassMutual Premier Core Bond Fund	MA	NIA	Company	Ownership	2.000	MMLIU	

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Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
										Massachusetts Mutual Life Insurance				
0000			04-3539083 .		0000927972 .	. OQ	MassMutual Premier Disciplined Value Fund .	MA	NI A	Company	Ownership	0.200	MMLIC	
							MassMutual Premier Disciplined Growth Fund			Massachusetts Mutual Life Insurance				
0000			04-3539084 .		0000927972 .	. 00		MA	NIA	Company	Ownership	0.200	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-3464165 .		0000927972 .	. 0Q	MassMutual Premier Diversified Bond Fund	MA	NI A	Company	Ownership	100.000	MMLIC	
							MassMutual Premier Focused International			Massachusetts Mutual Life Insurance				
0000			02-0754273 .		0000927972 _	. UU	Fund	MA	NIA	Company	Ownership	100.000	MMLIC	
			E4 050000		0000007075	00				Massachusetts Mutual Life Insurance		400 000	1,44,10	
0000			51-0529334 .		0000927972 .	. 00	MassMutual Premier Global Fund	MA	NIA	Company	Ownership	100.000	- MMLIC	
0000			04 0500000		0000007070	00	March March Brands and His C. W. 1975		ALC: A	Massachusetts Mutual Life Insurance	0	40.000	184 10	
0000			04-3520009 .		0000927972 .	. 04	MassMutual Premier High Yield Fund	MA	NIA	Company	Ownership	16.000	MMLIC	
0000			00 0500475		0000007070	00	MassMutual Premier Inflation-Protected and	MA	ALLA	Massachusetts Mutual Life Insurance	O	0.000	IMU IC	
0000			03-0532475 .		0000927972 .	. OQ	Income Fund	MA	NIA	Company	Ownership	9.800	MMLIC	
0000			04-3212044		0000927972	00	MassMutual Premier International Equity Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	O	3.600	MMLIC	
0000			04-3212044		0000927972 .	. 04	runa	MA	NIA	Massachusetts Mutual Life Insurance	Ownership	3.000	MMLIC	
0000			51-0529328 .		0000927972 .	00	MassMutual Premier Main Street Fund	MA	NIA	Company	Ownership	0.500	MMLIC	
0000			01-0029328 .		0000927972 .	. 04	MassMutual Premier Main Street Fund	MA	NI A	Massachusetts Mutual Life Insurance	Owner Sn Ip	0.500	. MML10	
0000			04-3212057		0000927972	00	Fund	MA	NIA	Company	Ownership	100.000	MMLIC	
0000			04-3212037 .		0000321312 .	. 04	MassMutual Premier Small/Mid Cap	IWA	NI A	Massachusetts Mutual Life Insurance	Owner Sirrp		WWL10	
0000			04-3224705		0000927972 .	00	Opportunities Fund	MA	NIA	Company	Ownership	10.800	MMLIC	
0000			04 0224700 .		0000321312 .	. OQ	MassMutual Premier Strategic Emerging	IW/\		Massachusetts Mutual Life Insurance	- Owner Sirrp			
0000			26-3229251		0000927972	00	Markets Fund	MA	NIA	Company	Ownership	63 . 700	MMLIC	
0000			20 0220201 .		0000021012	. 04	markets rund			Massachusetts Mutual Life Insurance	Office 3111p			
0000			04-3277550 .		0000927972	00	MassMutual Premier Value Fund	MA	NIA	Company	Ownership	98.200	MMLIC	
			01 02/1000 :		0000021012	04	MassMutual Select Blackrock Global			Massachusetts Mutual Life Insurance				
0000			27-1028263 .		0000916053	00	Allocation Fund	MA	NIA	Company	Ownership	0.100	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-3556992 .		0000916053	00	MassMutual Select Blue Chip Growth Fund	MA	NIA	Company	Ownership.	3.800	MMLIC	
							MassMutual Select Diversified			Massachusetts Mutual Life Insurance	,			
0000			14-1980900 .		0000916053	. OQ	International Fund	MA	NIA	Company	Ownership	0.600	MMLIC	
			1							Massachusetts Mutual Life Insurance		1		
0000			01-0821120 .		0000916053	. OQ	MassMutual Select Diversified Value Fund	MA	NIA	Company	Ownership	0.200	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-3512590 .		0000916053	. 00	MassMutual Select Focused Value Fund	MA	NIA	Company	Ownership	3.400	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-3512593 .		0000916053 .	. OQ	MassMutual Select Fundamental Growth Fund .	MA	NIA	Company	Ownership	0.300	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			04-3584138 .		0000916053 .	. 00	MassMutual Select Fundamental Value Fund	MA	NIA	Company	Ownership	3.200	MMLIC	
1			l				MassMutual Select Growth Opportunities			Massachusetts Mutual Life Insurance			l	
0000			04-3512589 .		0000916053	. 00	Fund	MA	NIA	Company	Ownership	1.900	MMLIC	
										Massachusetts Mutual Life Insurance			l	
0000			04-3513019 .		0000916053 .	. 00	MassMutual Select Large Cap Value Fund	MA	NIA	Company	Ownership	2.500	MMLIC	
0000			04 05:0500		00000:	00	MassMutual Select Mid Cap Growth Equity II			Massachusetts Mutual Life Insurance		4 600	188.10	
0000			04-3512596 .		0000916053 .	. 00	Fund	MA	NIA	Company	Ownership	1.800	MMLIC	
0000			40 4740005		0000040050	00	Harrist Octob Mile O. W. L. E. C.		ALC: A	Massachusetts Mutual Life Insurance	0	100 000	188 10	
0000			42-1710935 .		0000916053 .	. 00	MassMutual Select Mid-Cap Value Fund	MA	NIA	Company	Ownership	100.000	MMLIC	
0000			AE E0E7407		0000016050	00	MassMutual Select MSCI EAFE International	М	ALLA	Massachusetts Mutual Life Insurance	O	1 000	IMU IC	
0000			45-5357167 .		0000916053	. UV	Index Fund	MA	NIA	Company	Ownership	1.000	MMLIC	

SCHEDULE Y

				PAF	1 1 <i>F</i>	Y - DE I AIL	. OF INSURANCE	. П	JLDI I	NG COMPANTS) I S I E IVI		
1	2	3	4	5	6	7	8	9	10	11	12 Type of Control	13 If Control	14 15
		NAIC	Federal			Name of Securities Exchange if Publicly Traded	Names of	Domi- ciliary	Relation- ship to		(Ownership, Board, Management, Attorney-in-Fact,	is Owner- ship Provide	
Group Code	Group Name	Company Code	ID Number	Federal RSSD	CIK	(U.S. or International)	Parent, Subsidiaries Or Affiliates	Loca- tion	Reporting Entity	Directly Controlled by (Name of Entity/Person)	Influence, Other)	Percen- tage	Ultimate Controlling Entity(ies)/Person(s) *
0000	,		. 04-3557000 .		0000916053 .	00	MassMutual Select Overseas Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	- Ownership.	4.500	MLIC
0000			. 27-2377446 .		0000916053 .	. 00	MassMutual Select PIMCO Total Return Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	99.900	MLIC
0000			45-5366542 .		0000916053 .	. OQ	MassMutual Select Russell 2000 Small Cap Index Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	1.900	MML1C
0000			. 04-3410047 .		0000916053 .	00	MassMutual Select S&P 500 Index Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	_ Ownership	2.400	MMLIC
0000			. 04-3464205 .		0000916053 .	. OQ	MassMutual Select Small Cap Growth Equity Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	5.400	MMLIC
0000			. 02-0769954 .		0000916053 .	00	MassMutual Select Small Capital Value Equity Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	0.600	MMLIC
0000			. 04-3584141 .		0000916053 .	. 00	MassMutual Select Small Company Growth	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	2.000	MMLIC
0000			04-3584140 .		0000916053 _	00	MassMutual Select Small Company Value Fund	MA	NIA	Massachusetts Mutual Life Insurance Company Massachusetts Mutual Life Insurance	Ownership	1.800	MMLIC
0000			45-5349772 .		0000916053 .	. 00	MassMutual Select S&P Mid Cap Index Fund	MA	NIA	Company	Ownership	3.900	MMLIC
0000			. 26-0099965 .		0000916053 .	. 00	MassMutual Select Strategic Bond Fund	MA	NIA	Company	Ownership	0.400	MMLIC
0000			. 46-4257056 .		0000067160 .		MML International Equity Fund	MA	NIA	Company Massachusetts Mutual Life Insurance	Ownership	0.100	MMLIC
0000			03-0532456 .		0000916053 .		MassMutual RetireSMART 2010 Fund	MA	NIA	Company	Ownership	2.200	MMLIC
0000			. 27-1933828 .		0000916053 .		MassMutual RetireSMART 2015 Fund	MA	NIA	Company	. Ownership	1.500	MML1C
0000			. 03-0532467 .		0000916053 .		MassMutual RetireSMART 2020 Fund	MA	NIA	Company	Ownership	0.500	MMLIC
0000			. 27-1933753 .		0000916053 .		MassMutual RetireSMART 2025 Fund	MA	NIA	Company	. Ownership	0.800	MMLIC
0000			. 03-0532468 .		0000916053 .		MassMutual RetireSMART 2030 Fund	MA	NIA	Company	Ownership	0.400	MMLIC
0000			27-1933389		0000916053 .		MassMutual RetireSMART 2035 Fund	MA	NIA	CompanyMassachusetts Mutual Life Insurance	Ownership	1.300	IMILIC
0000			. 03-0532471 . . 27-1932769 .		0000916053 .		MassMutual RetireSMART 2040 Fund	MA	NIA	Company	Ownership	5.900	MMLIC
0000			. 26-1345332 .		0000916053		MassMutual RetireSMART 2050 Fund	MA	NIA NIA	Company Massachusetts Mutual Life Insurance Company	Ownership	1.200	MMLIC
0000			46-3289207		0000916053		MassMutual RetireSMART 2055 Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	32.200	MMLIC
0000			45-1618155 .		0000916053		MassMutual RetireSMART Conservative Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	75.700	IMLIC
0000			45-1618222 .		0000916053 .		MassMutual RetireSMART Growth Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership.	61.300	MMLIC
0000			03-0532464		0000916053		MassMutual RetireSMART In Retirement Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	3.800	MMLIC
0000			45-1618262		0000916053		MassMutual RetireSMART Moderate Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	31.800	MMLIC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
											Type	If		
											of Control	Control		
											(Ownership,	is		
						Name of Securities			Relation-		Board,	Owner-		
						Exchange		Domi-	ship		Management,	ship		
		NAIC	Federal			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		
Group		Company		Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	*
							MassMutual RetireSMART Moderate Growth			Massachusetts Mutual Life Insurance				
0000			45-1618046 .		. 0000916053		Fund	MA	NI A	Company	Ownership	57.400	MMLIC	
0000							HarbourView CLO 2006-1 Limited	CYM	NI A	OppenheimerFunds, Inc.	Influence		MMLIC	
0000			45-3417590 .		. 0001530245		Oppenheimer Global High Yield Fund	DE	NIA	OppenheimerFunds, Inc.	Ownership	72.200	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			46-1604428 .		. 0001562689		Oppenheimer Global Real Estate Fund	DE		Company	Ownership		MMLIC	
0000			46-1604428 .		. 0001562689		Oppenheimer Global Real Estate Fund	DE		C.M. Life Insurance Company	Ownership	4.000	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			13-3867060 .		0001005728		Oppenheimer International Growth Fund	MA	NI A	Company	Ownership		MMLIC	
										Massachusetts Mutual Life Insurance				
0000			84-1073463 .		. 0001116894		Oppenheimer Main Street Fund	MA	NIA	Company	Ownership	1.700	MMLIC	
										Massachusetts Mutual Life Insurance				
0000			22-3849391 .		. 0001163166		Oppenheimer Real Estate Fund	MA	NIA	Company	Ownership	2.100	MMLIC	

Asterisk	Explanation
1	Massachusetts Mutual Life Insurance Company owns 1.61% of the affiliated debt of Jefferies Finance LLC
2	Debt investors own 20% and include Connecticut Valley Structured Credit CDO IV, Ltd., Babson CLO Ltd. 2007-I, Babson Capital Loan Strategies Fund, L.P., and Sapphire Valley CDO I, Ltd.
3	_ Debt investors own 28% and include Connecticut Valley Structured Credit CDO III, Ltd.I, Babson Capital Loan Strategies Fund, L.P., Babson CLO Ltd. 2006-II, Babson CLO Ltd. 2007-I, and Babson Mid-Market CLO Ltd. 2007-II
	_ Debt investors own 1% and include Sapphire Valley CDO I, Ltd.
5	Partnership investors own 99% and include Babson Loan Strategies Fund, L.P. and Winterset Capital Partners, L.P.
	Fugu Credit Plc owns 100% of the Fugu CLO B.V. assets
7	_ Debt investors own 12% and include Connecticut Valley Structured Credit CDO III, Ltd., Babson Capital Loan Strategies Fund, L.P., Babson CLO Ltd. 2007-II, Babson CLO Ltd. 2007-II
8	Debt investors own 15% and include Connecticut Valley Structured Credit CDO III, Ltd.I and Babson Capital Loan Strategies Fund, L.P.
9	_ Debt investors own 37% and include Connecticut Valley Structured Credit CDO III, Ltd.I, Babson Capital Loan Strategies Fund, L.P., Babson CLO Ltd. 2006—II, Babson CLO Ltd. 2007—I, and Babson Mid-Market CLO Ltd. 2007—II
	Debt investors own 10% and include Sapphire Valley, Babson Capital Loan Strategies Fund, L.P., Babson CLO Ltd. 2007-I, and Babson Mid-Market CLO Ltd. 2007-II
	Debt investors own 11% and include Connecticut Valley CLO Fund IV, Ltd. and Babson Capital Loan Strategies Fund, L.P.
	Debt investors own 74% and include Connecticut Valley Structured Credit CDO III, Ltd. and Connecticut Valley CLO Fund IV, Ltd.
	Debt investors own 50% and includes only Babson Capital Loan Strategies Fund, L.P.
	Debt investors own 6% and include Great Lakes III, L.P. and Babson Capital Loan Strategies Fund, L.P.
15	Debt investors own 6% and include Great Lakes III, L.P.
	l

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

The following supplemental reports are required to be filed as part of your statement filing. However, in the event that your company does not transact the type of business for which the special report must be filed, your response of NO to the specific interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company but is not being filed for whatever reason enter SEE EXPLANATION and provide an explanation following the interrogatory questions.

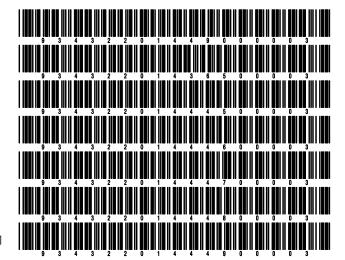
	<u>-</u>	Response
1.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
5.		NO
6.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
7.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	NO

Explanation:

- 1. Not required.
- 2. This line of business is not written by the Company.
- 3. Not required.
- 4. Not required.
- 5. Not required.
- 6. Not required.
- 7. Not required.

Bar Code:

- 1. Trusteed Surplus Statement [Document Identifier 490]
- 2. Medicare Part D Coverage Supplement [Document Identifier 365]
- Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]
- Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 446]
- Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]
- Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]
- Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]



OVERFLOW PAGE FOR WRITE-INS

Additional Write-ins for Liabilities Line 25

Addition	ai write-ins for Liabilities Line 25		
		1	2
		Current	December 31
		Statement Date	Prior Year
2504.	Funds awaiting escheat	1,553,336	1,264,975
2505.	Miscellaneous liabilities	32,534	142,322
2597.	Summary of remaining write-ins for Line 25 from overflow page	1,585,870	1,407,297

SCHEDULE A - VERIFICATION

Real Estate

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	26,991,662	28,979,851
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	5,417,187	
	2.2 Additional investment made after acquisition	402,242	364,765
3.	Current year change in encumbrances	(3,000,000)	921,712
4.	Total gain (loss) on disposals	(1,087,579)	357,975
5.	Deduct amounts received on disposals	1,865,803	2,351,634
6.	Total foreign exchange change in book/adjusted carrying value		
7.	Deduct current year's other than temporary impairment recognized		
8.	Deduct current year's depreciation		
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)	26,041,787	26,991,662

SCHEDULE B - VERIFICATION

Mortgage Loans

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book value/recorded investment excluding accrued interest, December 31 of prior year	861, 172,071	772,891,789
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	132,927,264	255,320,007
	2.2 Additional investment made after acquisition	7,904,816	6,022,993
3.	Capitalized deferred interest and other	217,851	39,946
4.	Accrual of discount	144 , 145	424 , 144
5.	Unrealized valuation increase (decrease)		
6.	Total gain (loss) on disposals	79,684	333,446
7.	Deduct amounts received on disposals	74,909,033	165,047,805
8.	Deduct amortization of premium and mortgage interest points and commitment fees	235,777	1, 195, 101
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest	(2,439,915)	(2,871,224)
10.	Deduct current year's other than temporary impairment recognized		4,746,124
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	924,861,106	861,172,071
12.	Total valuation allowance		
13.	Subtotal (Line 11 plus Line 12)	924,861,106	861,133,468
14.	Deduct total nonadmitted amounts		
15.	Statement value at end of current period (Line 13 minus Line 14)	924,861,106	861, 133, 468

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

	· ·	1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	256,538,483	237,897,374
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition		
	2.2 Additional investment made after acquisition	21,902,817	52,221,472
3.	Capitalized deferred interest and other		
4.	Accrual of discount		
5.	Unrealized valuation increase (decrease)	27,236,576	20,017,205
6.	Total gain (loss) on disposals	1,494,275	
7.	Deduct amounts received on disposals	69,023,759	82,460,814
8.	Deduct amortization of premium and depreciation	6,278	7 , 132
9.	Total foreign exchange change in book/adjusted carrying value	(1,018,564)	342,668
10.	Deduct current year's other than temporary impairment recognized		
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	238,387,751	256,538,483
12.	Deduct total nonadmitted amounts	4,237,295	6,436,964
13.	Statement value at end of current period (Line 11 minus Line 12)	234, 150, 456	

SCHEDULE D - VERIFICATION

Bonds and Stocks

	Bonds and Stocks		
		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value of bonds and stocks, December 31 of prior year	4,925,869,944	4,842,359,067
2.	Cost of bonds and stocks acquired		1,385,261,934
3.	Accrual of discount	12,877,213	19,100,468
4.	Unrealized valuation increase (decrease)	14, 176, 917	(3,342,030)
5.	Total gain (loss) on disposals	42,579,261	17,041,714
6.	Deduct consideration for bonds and stocks disposed of	1, 187, 622, 566	1,331,761,668
7.	Deduct amortization of premium	3,466,819	5,425,371
8.	Total foreign exchange change in book/adjusted carrying value	(10,004,884)	6,556,520
9.	Deduct current year's other than temporary impairment recognized		
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)		
11.	Deduct total nonadmitted amounts		
12	Statement value at end of current period (Line 10 minus Line 11)	4.520.434.196	4.925.869.944

SCHEDULE D - PART 1B

Showing the Acquisitions, Dispositions and Non-Trading Activity
During the Current Quarter for all Bonds and Preferred Stock by NAIC Designation

	1	2	3	4	5	6	7	8
	Book/Adjusted				Book/Adjusted	Book/Adjusted	Book/Adjusted	Book/Adjusted
	Carrying Value	Acquisitions	Dispositions	Non-Trading Activity	Carrying Value	Carrying Value	Carrying Value	Carrying Value
NAIC Designation	Beginning of Current Quarter	During Current Quarter	During Current Quarter	During Current Quarter	End of First Quarter	End of Second Quarter	End of Third Quarter	December 31 Prior Year
TV TO Doughaton	or carront quartor	Carroni Gaartoi	Curront Quartor	Carroni Quartor	Thot Quartor	Cocona Quartor	Tima Quartor	i noi roai
BONDS								
1. NAIC 1 (a)	2,074,303,848	122,609,687	100,264,515	15,361,144	2,158,007,063	2,074,303,848	2,112,010,164	2,336,726,227
2. NAIC 2 (a)	2,091,660,482	1,331,770,309	1,420,080,111	(21,464,873)	1,994,501,321	2,091,660,482	1,981,885,807	2,172,207,238
3. NAIC 3 (a)		10,361,475	8,271,021	9,332,454	200,879,165	195,528,258	206,951,166	204,694,935
4. NAIC 4 (a)		33,263,191	9,763,139	(2,477,255)	180,098,379	183,460,179	204,482,976	178,897,780
5. NAIC 5 (a)	20,848,549	4,309,954	3,742,117	(2,659,119)	22,413,741	20,848,549	18,757,267	23,747,610
6. NAIC 6 (a)	20,661,446	2,370,925	1,027,327	(612,912)	26,118,196	20,661,446	21,392,132	25,212,951
7. Total Bonds	4,586,462,762	1,504,685,541	1,543,148,230	(2,520,561)	4,582,017,866	4,586,462,762	4,545,479,512	4,941,486,741
PREFERRED STOCK								
FREFERNED STOCK								
8. NAIC 1	13, 102, 054		625,602	17,368	12,886,746	13, 102, 054	12,493,820	12,611,746
9. NAIC 2	5,346,115	558,636	397,992	643,686	5,178,635	5,346,115	6, 150, 445	5, 178, 635
10. NAIC 3	6,231,505	594,942		(505,361)	6,204,530	6,231,505	6,321,086	6,204,530
11. NAIC 4	2,050,535	148 , 198		(110,587)	2,053,790	2,050,535	2,088,146	1,924,074
12. NAIC 5	514,632			801	505,325	514,632	515,433	518,875
13. NAIC 6	59,035		12,351	24,281	59,988	59,035	70,965	70,965
14. Total Preferred Stock	27,303,876	1,301,776	1,035,945	70,188	26,889,013	27,303,876	27,639,895	26,508,825
15. Total Bonds and Preferred Stock	4,613,766,638	1,505,987,317	1,544,184,175	(2,450,373)	4,608,906,879	4,613,766,638	4,573,119,407	4,967,995,566

NAIC 4 \$; NAIC 5 \$.....; NAIC 6 \$.....

SCHEDULE DA - PART 1

Short-Term Investments

	1	2	3	4	5
					Paid for
	Book/Adjusted			Interest Collected	Accrued Interest
	Carrying Value	Par Value	Actual Cost	Year-to-Date	Year-to-Date
9199999 Totals	14,966,842	XXX	14,926,333		

SCHEDULE DA - VERIFICATION

Short-Term Investments

		1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	80,957,223	48,542,772
2.	Cost of short-term investments acquired	72,385,229	227,784,618
3.	Accrual of discount	121,033	425,436
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	793	6,562
6.	Deduct consideration received on disposals	138,497,436	195,802,165
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)	14,966,842	80,957,223
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	14,966,842	80,957,223

SCHEDULE DB - PART A - VERIFICATION

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/Adjusted Carrying Value, December 31, prior year (Line 9, prior year)	15,413,119
2.	Cost Paid/(Consideration Received) on additions	7,632,980
3.	Unrealized Valuation increase/(decrease)	(128, 102)
4.	Total gain (loss) on termination recognized	(10,107,894)
5.	Considerations received/(paid) on terminations	4,714,346
6.	Amortization	5,290
7.	Adjustment to the Book/Adjusted Carrying Value of hedged item	
8.	Total foreign exchange change in Book/Adjusted Carrying Value	
9.	Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4-5+6+7+8)	8,101,047
10.	Deduct nonadmitted assets	
11.	Statement value at end of current period (Line 9 minus Line 10)	8,101,047

	SCHEDULE DB - PAR Futures Co		RIFICATIO	N	
1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)				
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Company Co	Cumulative Cash Char	nge column)		
3.1	Add:				
	Change in variation margin on open contracts - Highly Effective Hedges				
	3.11 Section 1, Column 15, current year to date minus				
	3.12 Section 1, Column 15, prior year				
	Change in variation margin on open contracts - All Other				
	3.13 Section 1, Column 18, current year to date minus	(7,831,993)			
	3.14 Section 1, Column 18, prior year	(12,556,033)	4,724,040	4,724,040	
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	(7,831,993)			
	3.24 Section 1, Column 19, prior year	(12,556,033)	4,724,040	4,724,040	
3.3	Subtotal (Line 3.1 minus Line 3.2)				
4.1	Cumulative variation margin on terminated contracts during the year		73,509,137		
4.2	Less:				
	4.21 Amount used to adjust basis of hedged item				
	4.22 Amount recognized	86,065,170	86,065,170		
4.3	Subtotal (Line 4.1 minus Line 4.2)				(12,556,033
5.	Dispositions gains (losses) on contracts terminated in prior year:				
	5.1 Total gain (loss) recognized for terminations in prior year				
	5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year				12,556,033
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 Open as of Current Statement Date

					Replicati	on (Syntheti	C ASSEL) Tra	insactions Open as of Cu	ment Statemen						
		Replication (Syn									of the Repl	ication (Synthetic Asset) Trans			
1 2 3 4 5 6						7	8	Derivative Instrument(s) Open Cash Instrument(s) Held							
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying		12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
361448A@2	GATX Financial	2	1,650,000	1,752,925	1,897,327	03/22/2010	06/20/2015	Swap/CDS Long		10,930	92978N-AE-4	Wachovia Bank Commercial Mortgage Trust/Series 2007-C33 Class A4 REID	1	1,741,995	1,886,397
361448A@2	GATX Financial	2		242,342	265,983	03/22/2010	06/20/2015	Swap/CDS Long			55312V-AD-0	ML-CFC Commercial Mortgage Trust/Series 2006-4 Class A3 REID . J P Morgan Chase Coml Mtg	1	242,342	265,983
755111D*9	Raytheon Co.	1	1,650,000	1,708,503	1,823,401	03/22/2010	06/20/2015	Swap/CDS Long	11,578	11,578	46630E-AC-4	Sec/Series 2006-CB17 Class A4 REID GE Capital Commercial	1	1,696,925	1,811,823
755111D*9	Raytheon Co.	1		199,861	203,990	03/22/2010	06/20/2015	Swap/CDS Long			36828Q-PW-0	Mortgage/Series 2005-C3 Class A7A REID Commercial Mtg Pass Thru	1	199,861	203,990
361448A#0	GATX Financial	2	1,650,000	1,556,073	1,717,716	03/22/2010	06/20/2015	Swap/CDS Long		10,930	20047R-AE-3	Certs/Series 2007-C9 Class A4 REID	1		1,706,786
361448A#0	GATX Financial	2		281,584		03/22/2010	06/20/2015	Swap/CDS Long	_		79549A-GG-8	Securities VII Inc./Series 2001-MM Class E8 REID Bear Stearns Coml Mortgage	1	281,584	325,964
755111D@7	Raytheon Co.	1	1,650,000		, , ,	03/22/2010	06/20/2015	Swap/CDS Long	11,762	11,762		Sec/Series 2007-T26 Class A4 REID Bear Stearns Coml Mortgage Sec/Series 2007-PW18 Class A4 REID	1	1,565,020	1,624,349
755111D07	Raytheon Co.	1		294,554		03/22/2010	06/20/2015	Swap/CDS Long			07401D-BC-4	Watts Water Technologies	1	294,554	329,604
755111D@7	Raytheon Co.	1		250,000	268,627	03/22/2010	06/20/2015	Swap/CDS Long			942749-A#-9	Inc./Senior Note Bear Stearns Coml Mortgage Sec/Series 2007-PW17 Class A4 REID	2	250,000	268,627
666807C*1	Northrop Grumman	2	1,650,000	1,563,774 348.855		03/22/2010	06/20/2015	Swap/CDS Long	11,806	11,806	07388Q-AE-9	Merrill Lynch Mortgage Trust/Series	1	1,551,968	1,694,200
666807C*1	Northrop Grumman	2			04,091	03/22/2010	06/20/2015	Swap/CDS Long			59022H-NC-2	2005-LC1 Class A4 REID LB-UBS Commercial Mortgage Trust/Series 2005-C7 Class A4 REID			364,091
666807C@9	Northrop Grumman	2	1,500,000	, , , , , , , , , , , , , , , , , , , ,		03/22/2010	06/20/2015	Swap/CDS Long	10,733	10,733	52108M-AF-0	Merrill Lynch Mortgage Trust/Series	1	1,399,860	1,426,879
666807C@9666807C@9	Northrop Grumman	2		348,855	,	03/22/2010	06/20/2015	Swap/CDS Long			59022H-NC-2 942749-A#-9	. 2005-LC1 Class A4 REID Watts Water Technologies Inc./Senior Note	1		364,091
755111D#5	Raytheon Co.	1	1.500.000	,	·	03/22/2010	06/20/2015	Swap/CDS Long	10.693	10 693	55313K-AE-1	ML-CFC Commercial Mortgage Trust 2007-7/Series 2007-7 Class A4 REID	1	1.301.671	1,414,395
755111D#5	Raytheon Co.	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	449,684	, ,	03/22/2010	06/20/2015	Swap/CDS Long			07387B-AH-6	Bear Stearns Coml Mortgage Sec/Series 2005-PWR9 CI A4A REID Bear Stearns Coml Mortgage	1	449,684	461,505
009158F#8	Air Products	1	1,500,000	968,702	1,085,414	03/22/2010	06/20/2015	Swap/CDS Long	10,432	10,432	07388P-AG-6	Sec/Series 2006-PW14 Class AM REID	1	958,270	1,074,982
009158F#8	. Air Products	1		794,813	832,794	03/22/2010	06/20/2015	Swap/CDS Long			87246A-AE-8	Trust 2007-C4/Series 2007-C4 Class AJ REID Banc of America Commercial Mortdage	1	794,813	832,794
418056B*7	Hasbro Inc.	2	700,000	906,596	1,009,857	03/22/2010	06/20/2015	Swap/CDS Long	4,755	4,755	05952A-AE-4	Inc./Series 2008-1 Class A4 REID	1	901,841	1,005,102
9999999 - To	tals			16,216,860	17,423,808		XXX	XXX	93,619	93,619	XXX	XXX	XXX	16, 123, 241	17,330,189

SCHEDULE DB - PART C - SECTION 2

Replication (Synthetic Asset) Transactions Open

				ejmmene meest, ma					l .	
	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Year To Date	
	1	2	2	1	F	6	7	0	9	10
	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value
Beginning Inventory	9	13,450,000	9	13,450,000	9	13,450,000			9	13,450,000
Add: Opened or Acquired Transactions										
Add: Increases in Replication (Synthetic Asset) Transactions Statement Value	xxx		xxx		xxx		xxx		xxx	
Less: Closed or Disposed of Transactions										
Less: Positions Disposed of for Failing Effectiveness Criteria										
Less: Decreases in Replication (Synthetic Asset) Transactions Statement Value	XXX		XXX		XXX		XXX		XXX	
7. Ending Inventory	9	13,450,000	9	13,450,000	9	13,450,000			9	13,450,000

SCHEDULE DB - VERIFICATION

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

		Book/Adjusted Carrying Value Check		
1.	Part A, Section 1, Column 14.	8, 101, 047		
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance			
3.	Total (Line 1 plus Line 2)		8,101,047	
4.	Part D, Section 1, Column 5	387,844,228		
5.	Part D, Section 1, Column 6	(379,743,181)		
6.	Total (Line 3 minus Line 4 minus Line 5)			
		Fair Value Che	eck	
7.	Part A, Section 1, Column 16	8,101,047		
8.	Part B, Section 1, Column 13			
9.	Total (Line 7 plus Line 8)		8, 101, 047	
10.	Part D, Section 1, Column 8	387,844,228		
11.	Part D, Section 1, Column 9	(379,743,181)		
12	Total (Line 9 minus Line 10 minus Line 11)			
		Potential Exposure	Check	
13.	Part A, Section 1, Column 21	178,328,368		
14.	Part B, Section 1, Column 20	11,491,600		
15.	Part D, Section 1, Column 11	189,819,968		
16.	Total (Line 13 plus Line 14 minus Line 15)			

SCHEDULE E - VERIFICATION

(Cash Equivalents)

		1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	165,417,592	423,794,320
2.	Cost of cash equivalents acquired	3, 185, 519, 405	5,421,751,262
3.	Accrual of discount	388,290	751,207
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	671	992
6.	Deduct consideration received on disposals	3,096,744,534	5,680,880,188
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)	254,581,424	165,417,592
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	254,581,424	165,417,592