

Participant Fees Disclosure Statement

Plan: Iowa RIC 457 Employee Contribution Plan

Subscription: State of Iowa

Created: 07/17/2019

Account Number: 62069-1-1

You are a participant or beneficiary in an individual account plan that allows you to direct the investment of your account balance. This disclosure statement is designed to provide you with information that will allow you to make informed decisions when selecting and managing your investments. This disclosure statement advises you of information regarding fees and expenses associated with your participation in the Plan. The General Plan Information section provides information regarding the operation of the Plan. The Comparative Chart section provides information about the Plan's designated investment alternatives including investment performance, operating expenses, fees, trade restrictions, and an industry benchmark relative to each non-fixed interest investment to help you make investment decisions. If the Plan has target date or life cycle investment allocation alternatives, this disclosure statement will include a Target Date Asset Allocation Investment Alternatives section providing information on how the investment allocation will change over time, when it will reach its most conservative asset allocation, the relevance of any dates used to describe the investment and the participant age groups for whom the investment alternative is designed. If your Plan's administrative expenses could be deducted from your account balance, this disclosure statement will include an Administrative Expenses section. The Administrative Expenses section provides information regarding charges for administrative expenses incurred on a Plan-wide basis that may be deducted from your account. An Individual Expenses section regarding individual expenses that may be deducted from your account, will also be included in this disclosure statement if the Plan charges participants and beneficiaries for the expenses associated with individual transactions.

Please be mindful that:

- An investment's past performance is no guarantee of future results.
- To help achieve long-term retirement security, you should give careful consideration to the benefits of a well-balanced and diversified investment portfolio.
- Fees are only one of several factors you should consider when making investment decisions. For more information and an example demonstrating the long-term effect of fees and expenses, please visit: <https://www.dol.gov/sites/default/files/ebsa/about-ebsa/our-activities/resource-center/publications/a-look-at-401k-plan-fees.pdf> and <https://www.dol.gov/agencies/ebsa/about-ebsa/our-activities/resource-center/publications/understanding-your-retirement-plan-fees>.

General Plan Information

Investment Instructions: In order to direct your Plan investments, you must make your election at massmutual.com/iowaric or contact the MassMutual Participant Information Center at 1-888-606-7343. If you are currently not participating in the Plan and have questions concerning plan provisions, including eligibility requirements, contact Department of Admin. Services at (515) 281-0569 or DAS-HRE Hoover Building Level A 1305 Walnut Street, Des Moines IA 50319-.

Limitations on Instructions:

- You may give investment instructions on any day the New York Stock Exchange is open for business.
- Any trade restrictions specific to an individual investment alternative will be listed in the Comparative Chart.



General Plan Information (continued)

- If the Plan offers publicly traded employer securities as a designated investment alternative, certain discretionary transactions requested by participants who are officers, directors, or principal stockholders that involve employer securities will have trading restrictions imposed as additional reporting of those transactions is required.

Designated Investment Alternatives (DIA): The Plan provides designated investment alternatives into which you can direct the investment of your Plan funds. The Comparative Chart below identifies these designated investment alternatives and provides information regarding the alternatives.

Investment Manager: For information regarding the designated investment manager for the Plan (if any), please contact your Plan Sponsor.

The Plan's Self-Directed Brokerage Account Option

Through your plan account you may access your Self Directed Brokerage Account (SDBA), a separate investment vehicle which provides a direct link to Charles Schwab & Co.'s Personal Choice Retirement Account (PCRA). The SDBA gives you the opportunity to select and manage investments from a larger universe of investment options. To obtain more information about your SDBA, including any fee and expense information, please contact your Plan Sponsor or SDBA Enrollment Brochure. Note: Offered through Charles Schwab & Co. at an additional cost. Charles Schwab & Co. is not an affiliate or subsidiary of MassMutual. This option is intended for knowledgeable investors. The level of risk will vary depending on the investment choices a participant makes.

MassMutual may assess an annual account maintenance fee of up to \$100 annually for maintaining an SDBA. The annual fee is subtracted from your core investment assets.

Any additional trading restrictions or limitations imposed on the amounts that may be invested in the SDBA are disclosed here:

The maximum percentage of your account that can be transferred to the SDBA is 50.000000%.

Your Plan has the following initial minimum transfer requirement: \$5000.00

Subsequent transfers may be made of at least the following amount: \$1000.00

A SDBA offered through a 403(b) plan will exclusively offer mutual funds as investment alternatives.

For more information on how to establish a Self Directed Brokerage Account go to massmutual.com/iowaric or contact the MassMutual Participant Information Center at 1-888-606-7343.

Glossary of Terms: Please visit <http://www.massmutual.com/glossary> for a glossary of investment terms relevant to the investment options under this Plan. This glossary is intended to help you better understand your options.

Comparative Chart

This section includes important information to help you compare the investment alternatives offered under your Plan. If you want additional information about your investment options, you can go to the specific Internet web site addresses shown below or you can contact the MassMutual Participant Information Center at 1-888-606-7343. If you are currently not participating in the Plan, contact Department of Admin. Services at (515) 281-0569 or DAS-HRE Hoover Building Level A 1305 Walnut Street, Des Moines IA 50319-. To help achieve long-term retirement security, you should give careful consideration to the benefits of a well-balanced and diversified investment portfolio. Spreading your assets among different types of investments can help you achieve a favorable rate of return, while minimizing your overall risk of losing money. This is because market or other economic conditions that cause one category of assets, or one particular security, to perform very well often cause another asset category, or another particular security, to perform poorly. If you invest more than 20% of your retirement savings in any one company, industry or class of investment, your savings may not be properly diversified. Although diversification is not a guarantee against loss, it is an effective strategy to help you manage investment risk. In deciding how to invest your retirement savings, you should take into account all of your assets, including any retirement savings outside of the Plan. No single approach is right for everyone because, among other factors, individuals have different financial goals, different time horizons for meeting their goals, and different tolerances for risk. It is also important to periodically review your investment portfolio, your investment objectives, and the investment alternatives under the Plan to help ensure that your retirement savings will meet your retirement goals. Diversification does not assure a profit and does not protect against a loss in a declining market.

Document Summary

This section focuses on the performance of investment alternatives that have a fixed or stated rate of return. The chart shows the annual rate of return of each such alternative, the term or length of time that you will earn this rate of return and other information relevant to performance.

Comparative Chart (continued)

Fixed Return Investments			
Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Annual Rate of Return	Term	Shareholder-Type Fees, Restrictions and Other
CASH			
Guaranteed Int. Acct (62069) STABLE VALUE 03/10/2016 MassMutual	2.85%	Annually	The rate of return listed was effective beginning on 12/31/2018, is reset Annually, and is calculated net of certain contract expenses. Under the terms of your group annuity contract, there is a guaranteed minimum gross interest rate of 1.00%. Although the gross rate of return provided under the contract will never fall below 1.00%, the net rate of return may, in some instances, be less than 1.00% after applicable expenses are deducted from the contract. Current rate of return information is available by contacting the MassMutual Participant Information Center at 1-888-606-7343. If you are currently not participating in the Plan, contact Department of Admin. Services at (515) 281-0569 or DAS-HRE Hoover Building Level A 1305 Walnut Street, Des Moines IA 50319-.
www.MassMutual.com/FF/RM3500.PDF			

This section focuses on the performance of investment alternatives that do not have a fixed or stated rate of return. The chart shows how these alternatives have performed over time and allows you to compare them with an appropriate benchmark for the same time periods. ***Past performance does not guarantee how the investment alternative will perform in the future. Your investment in these alternatives could lose money.***

Information about an investment alternative's principal risks is available on the Investment Profile. You can obtain a specific Investment Profile using the web site address provided for the specific investment alternative in the Comparative Chart.

This chart also shows fee and expense information for the investment alternatives under your Plan. It shows the Total Annual Operating Expense which are expenses that reduce the rate of return of the investment alternative. Any shareholder-type fees are also disclosed. These fees are in addition to Total Annual Operating Expenses. Expense information is reflected as of the date of this report and may change over time. Please note that expense information for each investment alternative reflected on the Investment Profile is updated from time to time. Please see the Investment Profile which includes current expense information as well as the date the expenses were most recently updated.

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				Shareholder-Type Fees, Restrictions and Other
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**		
	1 Year	5 Year	10 Year or *Since Fund Inception if less than 10 years	1 Year	5 Year	10 Year or *Since Fund Inception if less than 10 years	As a %	Per \$1000	As a %	Per \$1000	
BOND											
JP Morgan Core Bond Fund INTERMEDIATE TERM BOND 02/23/2005 JP Morgan www.MassMutual.com/FF/jcbux.PDF	7.91%	3.11%	4.22%	7.88%	2.96%	3.91%	0.40%	\$4.00	0.35%	\$3.50	
PIMCO Real Return Fund INTERMEDIATE TERM BOND 01/01/2000 PIMCO Funds www.MassMutual.com/FF/prrix.pdf	4.50%	1.44%	3.96%	4.85%	1.76%	3.64%	0.88%	\$8.80	0.88%	\$8.80	
Vanguard Totl Bnd Mrkt Indx d INTERMEDIATE TERM BOND 01/01/2005 Vanguard www.MassMutual.com/FF/vbtix.PDF	7.85%	2.89%	3.82%	7.88%	2.96%	3.91%	0.05%	\$0.50	0.05%	\$0.50	
Eaton Vance Incm Fund of Bosto HIGH YIELD BOND 07/31/2014 Eaton Vance www.MassMutual.com/FF/eibrx.PDF	7.03%	4.37%	8.60%	7.57%	4.70%	9.23%	0.66%	\$6.60	0.66%	\$6.60	

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				Shareholder-Type Fees, Restrictions and Other	
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**			
	1 Year	5 Year	10 years	1 Year	5 Year	10 years	As a %	Per \$1000	As a %	Per \$1000		
ASSET ALLOCATION												
American Funds Balanced Fund ASSET ALLOCATION/LIFESTYLE 05/02/2009 American Funds www.MassMutual.com/FF/rlbgx.PDF	7.31%	7.72%	11.37%	9.93%	7.75%	10.56%	0.28%	\$2.80	0.28%	\$2.80		
BlackRock Lifepath Inx Rmnt Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/lirkx.PDF	6.78%	4.63%	5.47%	5.92%	3.94%	4.59%	0.16%	\$1.60	0.10%	\$1.00		
BlackRock Lifepath Inx 2020 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/limkx.PDF	6.76%	4.98%	6.02%	5.79%	5.15%	6.31%	0.15%	\$1.50	0.10%	\$1.00		
BlackRock Lifepath Inx 2025 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/libkx.PDF	6.83%	5.53%	6.58%	5.70%	5.52%	6.79%	0.16%	\$1.60	0.10%	\$1.00		
BlackRock Lifepath Inx 2030 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/linkx.PDF	6.83%	5.98%	7.06%	5.56%	5.88%	7.22%	0.15%	\$1.50	0.10%	\$1.00		

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				Shareholder-Type Fees, Restrictions and Other
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**		
	1 Year	5 Year	10 Year or *Since Fund Inception if less than 10 years	1 Year	5 Year	10 Year or *Since Fund Inception if less than 10 years	As a %	Per \$1000	As a %	Per \$1000	
BlackRock Lifepath Inx 2035 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/lijxx.PDF	6.84%	6.40%	7.49%	5.37%	6.23%	7.63%	0.17%	\$1.70	0.10%	\$1.00	
BlackRock Lifepath Inx 2040 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/likxx.PDF	6.80%	6.77%	7.89%	5.25%	6.47%	7.92%	0.17%	\$1.70	0.10%	\$1.00	
BlackRock Lifepath Inx 2045 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/lihxx.PDF	6.81%	7.04%	8.16%	5.15%	6.60%	8.11%	0.19%	\$1.90	0.10%	\$1.00	
BlackRock Lifepath Inx 2050 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/lipxx.PDF	6.72%	7.10%	8.33%	5.01%	6.73%	8.31%	0.18%	\$1.80	0.10%	\$1.00	
BlackRock Lifepath Inx 2055 Fd ASSET ALLOCATION/LIFECYCLE 06/01/2011 BlackRock www.MassMutual.com/FF/livxx.PDF	6.72%	7.11%	8.48%	5.03%	6.80%	8.48%	0.20%	\$2.00	0.09%	\$0.90	

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				Shareholder-Type Fees, Restrictions and Other
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**		
	1 Year	5 Year	10 years *Since Fund Inception if less than 10 years	1 Year	5 Year	10 years *Since Fund Inception if less than 10 years	As a %	Per \$1000	As a %	Per \$1000	
STOCK											
MFS Value Fund LARGE CAP VALUE 04/29/2006 MFS Investment Management www.MassMutual.com/FF/meikx.PDF	10.92%	8.66%	12.73%	8.48%	7.46%	13.19%	0.48%	\$4.80	0.48%	\$4.80	
				Russell 1000® Value Idx							
Select Eq Opps Fd(WIIngtn/TRP) LARGE CAP CORE 07/01/2000 MassMutual Select www.MassMutual.com/FF/mfvzx.PDF	14.98%	10.27%	16.89%	10.03%	10.45%	14.77%	0.74%	\$7.40	0.74%	\$7.40	
				Russell 1000® Idx							
Vanguard 500 Index Fund LARGE CAP CORE 01/01/2004 Vanguard www.MassMutual.com/FF/vfiax.pdf	10.38%	10.68%	14.67%	10.42%	10.72%	14.71%	0.04%	\$0.40	0.04%	\$0.40	
				S&P 500® Index							
Hartford Capital Appreciation LARGE CAP CORE 12/02/2005 The Hartford www.MassMutual.com/FF/ithvx.PDF	11.40%	9.13%	12.58%	8.98%	10.19%	14.67%	0.71%	\$7.10	0.71%	\$7.10	
				Russell 3000 Idx							
SeI TRP/LS Blue Chip Growth Fd LARGE CAP GROWTH 01/01/2004 MassMutual Select www.MassMutual.com/FF/mbczx.PDF	12.59%	14.70%	17.38%	11.58%	13.40%	16.28%	0.64%	\$6.40	0.64%	\$6.40	
				Russell 1000® Growth Index							

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				Shareholder-Type Fees, Restrictions and Other
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**		
	1 Year	5 Year	10 Year or *Since Fund Inception if less than 10 years	1 Year	5 Year	10 Year or *Since Fund Inception if less than 10 years	As a %	Per \$1000	As a %	Per \$1000	
Vanguard FTSE Social Index Fd LARGE CAP GROWTH 01/01/2004 Vanguard www.MassMutual.com/FF/vftsx.PDF	11.27%	11.46%	15.47%	10.03%	10.45%	14.77%	0.18%	\$1.80	0.18%	\$1.80	
MFS Mid Cap Value Fund MID CAP VALUE 02/02/2013 MFS Investment Management www.MassMutual.com/FF/mvckx.PDF	5.93%	6.85%	10.77%	3.68%	6.73%	10.63%	0.69%	\$6.90	0.69%	\$6.90	
Vanguard Mid Cap Index Fund MID CAP CORE 01/01/2004 Vanguard www.MassMutual.com/FF/vimax.PDF	7.83%	8.82%	15.21%	7.84%	8.63%	15.15%	0.05%	\$0.50	0.05%	\$0.50	
JPMorgan Mid Cap Growth Fund MID CAP GROWTH 11/02/2011 JP Morgan www.MassMutual.com/FF/jmgmx.PDF	15.96%	11.04%	15.57%	13.93%	11.11%	14.27%	0.77%	\$7.70	0.74%	\$7.40	
American Century Sm Cap Val Fd SMALL CAP VALUE 08/01/2013 American Century www.MassMutual.com/FF/asvdx.PDF	-1.76%	7.11%	8.64%	-6.23%	5.39%	7.05%	0.91%	\$9.10	0.91%	\$9.10	

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				Shareholder-Type Fees, Restrictions and Other
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**		
	1 Year	5 Year	10 years *Since Fund Inception if less than	1 Year	5 Year	10 years *Since Fund Inception if less than	As a %	Per \$1000	As a %	Per \$1000	
Vanguard Small Cap Index Fund SMALL CAP CORE 01/01/2004 Vanguard www.MassMutual.com/FF/vsmax.pdf	2.26%	7.72%	14.79%	-3.30%	7.07%	13.45%	0.05%	\$0.50	0.05%	\$0.50	
Sei Sm Cp Gr Fd (WlIngtn/Inv) SMALL CAP GROWTH 06/01/1999 MassMutual Select www.MassMutual.com/FF/msgzx.PDF	9.27%	10.21%	15.02%	-0.48%	8.63%	14.41%	0.86%	\$8.60	0.86%	\$8.60	
MFS Intl Intrinsic Value Fd INTL/GLOBAL LARGE VALUE 04/29/2006 MFS Investment Management www.MassMutual.com/FF/minjx.PDF	6.96%	7.79%	11.34%	-2.11%	0.05%	5.50%	0.63%	\$6.30	0.63%	\$6.30	
Vanguard Tot Intl Stck Indx Fd INTL/GLOBAL LARGE CORE 11/30/2010 Vanguard www.MassMutual.com/FF/vtiqx.PDF	0.57%	2.31%	4.67%	1.30%	2.16%	4.61%	0.11%	\$1.10	0.11%	\$1.10	
Invesco Opp Dvlpng Mrk Fd EMERGING MARKET EQUITY 11/19/1996 Invesco www.MassMutual.com/FF/odvix.PDF	3.14%	2.89%	8.29%	1.21%	2.49%	5.81%	0.85%	\$8.50	0.85%	\$8.50	

Comparative Chart (continued)

Name of Investment Type of Investment Investment Inception Date Investment Manager Investment Profile	Variable Return Investments						Fees and Expense Information				
	Average Annual Total Return as of 06/30/2019			Benchmark			Gross Total Annual Operating Expenses		Net Total Annual Operating Expenses**		Shareholder-Type Fees, Restrictions and Other
	1 Year	5 Year	10 years	1 Year	5 Year	10 years	As a %	Per \$1000	As a %	Per \$1000	
Vanguard Real Estate Index Fd REITS 01/01/2004 Vanguard www.MassMutual.com/FF/vgslx.PDF	12.21%	7.69%	15.46%	10.79%	7.61%	15.42%	0.12%	\$1.20	0.12%	\$1.20	
				S&P US REIT TR							

*The benchmark since inception return is calculated from the month-end of the investment's inception.

**The Net Total Annual Operating Expenses include any investment expense waiver/reimbursement arrangements documented in the investment's prospectus and may be lower than the Gross Total Annual Operating Expenses due to the indicated expense waivers or reimbursements, which may be subject to expiration. Additional information regarding investment expense waivers specific to each investment is included in this document, if available, including whether the waiver is contractual or voluntary and its date of expiration. All available information about investment expense waivers is current and complete as of the date of this report. If information regarding the waivers is incomplete, it is because our third-party data provider was unable to make the information available. For some investments, the Net Total Annual Operating Expense ratio figure reflects the subtraction of interest expense, which results from an investment's use of certain other investments. This expense is required to be treated as an investment expense for accounting purposes, but is not payable to the investment adviser or subadviser (if applicable). For more information, please see the investment profile or the prospectus that corresponds to the investment, which are both available from MassMutual. Contact the MassMutual Participant Information Center at 1-888-606-7343. If you are currently not participating in the Plan, contact Department of Admin. Services at (515) 281-0569 or DAS-HRE Hoover Building Level A 1305 Walnut Street, Des Moines IA 50319-.

Other share classes of an investment or its underlying investment (depending upon the investment) may have existed longer, which may account for any pre-inception performance shown. If pre-inception performance is shown, it is generally the performance of an older share class of the investment itself or its underlying investment (depending upon the investment) adjusted for fees and expenses of the newer share class. However, if using the expenses of the newer share class rather than the expenses of the older share class (due to lower expenses of the newer share class) would result in better performance, then pre-inception performance represents that of the older share class without any expense adjustment.

Comparative Chart (continued)

The cumulative effect of fees and expenses can substantially reduce the growth of your retirement savings. Visit the U.S. Department of Labor's Website for an example showing the long-term effect of fees and expenses at <https://www.dol.gov/sites/default/files/ebsa/about-ebsa/our-activities/resource-center/publications/a-look-at-401k-plan-fees.pdf>. Fees and expenses are only one of many factors to consider when you decide to invest in an alternative. You may also want to think about whether an investment in a particular option, along with your other investments, will help you achieve your financial goals.

To obtain additional information about the Plan's designated investment alternatives, please obtain the Investment Profiles for the specific investment alternatives you are interested in using the web site addresses provided in the Comparative Chart or go to massmutual.com/iowaric.

You have the right to request the following information relating to the Plan's investment alternatives: copies of prospectuses or any short-form or summary prospectus or similar documents, financial statements or reports, a statement of the value of each investment available under the Plan as well as the valuation date, and a list of the assets that make up the portfolio of each investment under the Plan that constitute "plan assets" within the meaning of U.S. Department of Labor regulations and the value of each of these assets. In addition, you may request a free paper copy of the information available on the web site(s) listed on the Comparative Charts above and the Glossary of Investment Terms. This information can be obtained by contacting Department of Admin. Services at (515) 281-0569 or DAS-HRE Hoover Building Level A 1305 Walnut Street, Des Moines IA 50319- or MassMutual Participant Information Center, P.O. Box 219062, Kansas City, MO 64121-9062, 1-888-606-7343.

Administrative Expenses

If fees/expenses are incurred for plan administration, such fees/expenses may be charged to the Plan. As an individual account Plan, these Administrative Fees may be charged against your account balance to the extent they are not charged against forfeitures or paid by the Plan Sponsor. As a result, your account balance may be reduced for your share of any Plan Administrative fees charged against your account. These fees may be charged on a pro rata basis (i.e., based on the relative size of each participant and beneficiary's account) and/or a per capita basis (i.e., each participant and beneficiary is charged the same fee). If Plan Administrative fees are charged to your account balance, the actual dollar amount will be reported to you in the calendar quarter following the quarter in which the charge occurs. Please refer to your quarterly account statement for information on any fees actually charged to your account.

Please note that the Plan Administrative fees which appear below are not reflected in the total annual operating expenses of any of the Plan's investment options. However, in addition to the Plan Administrative fee amounts listed in this section, some of the Plan's Administrative fees may have been paid through revenue sharing arrangements maintained with one or more of the Plan's investment options in which you may be invested.

Pro Rata Fees

Plan administration fees/expenses that may be charged pro rata include, but are not limited to, fees/expenses for legal, accounting, audit, compliance, intermediary/advisor, investment, recordkeeping, and trustee services (collectively "Plan Administration Fees").

Administrative Expenses (continued)

Per Capita Fees

Plan administration fees/expenses that may be charged on a per capita basis are fees/expenses for recordkeeping services.

Administrative Expense Name	Description of Expense	Expense Amount/Schedule		Allocation Method
Asset Charge	An asset charge is assessed to each plan participant account under the plan to partially offset general plan administrative costs including tracking contributions, plan investments, expenses, availability of services such as the participant website, call center, benefit calculations, and processing distributions.	.20%	\$0 - \$999,999,999	The plan's asset charge is a percentage of total plan assets. This percentage is provided in this chart. One twelfth of this fee will be assessed against participant accounts each month. When assessed, it will be prorated among participant accounts. Your share of the fee will be determined by multiplying the plan's total asset charge by a ratio that is equal to the value of your account balance divided by the value of all account balances under the plan.

If the Plan's Sponsor normally pays the fees for administrative services performed by MassMutual, and the payment is overdue in accordance with the Plan Sponsor's Administrative Services Agreement with MassMutual, the Plan Sponsor is authorizing that the outstanding expenses will be deducted from participants' account balances on a pro rata basis to the extent allowed by the Plan's Administrative Services Agreement. Your share of the overdue expense will be determined by multiplying the fee by a ratio that is equal to the value of your account balance divided by the value of all account balances under the plan.

Contract Discontinuance and Termination Services

If at some point in the future the Plan discontinues the investment provider relationship with MassMutual either by transitioning the Plan to a new record keeper or because of the complete termination of the Plan, additional fees may be charged depending on the terms of the investment contract/agreement in effect at that time and certain administrative services performed in conjunction with the event.

When investment contracts are discontinued, the participants' accounts could be assessed contract surrender charges, termination asset charges, or market value adjustments. Your Plan's specific investment contract/agreement will identify which of these discontinuance fees are in effect. The discontinuance fees may also be dependent on the conditions of the market at the point in time the investment contract/agreement is discontinued.

If any special reports are requested during the transition of the plan to a new record keeper, a \$300 fee may be charged for each report.

Adjustment Fees

On occasion, the Plan Sponsor may request that certain calculations be performed to make adjustments to specific participants' accounts or to calculate and allocate earnings. The fee for such a service is \$75 per hour.

Administrative Expenses (continued)

If the Plan's Sponsor directs MassMutual to deduct the adjustment fee from participants' account balances, the fee will be deducted on a pro rata basis. Your share of the expense will be determined by multiplying the fee by a ratio that is equal to the value of your account balance divided by the value of all participants' account balances under the plan.

In addition, there may be other administrative services performed by service providers outside of MassMutual during the next 12 months. However, it is unknown at this time if any services by other service providers will be required, what fees may be charged and whether those fees will be paid from plan assets. Examples of other administrative services that may occur outside of MassMutual and that may be paid by plan assets if not paid by the Plan Sponsor include but are not limited to: legal services; third party administrator services; accounting services; plan audits; and intermediary/advisor services. If any fees for services performed outside of MassMutual are to be deducted from participant accounts, they may be deducted on a pro rata or a per capita basis. The Plan Sponsor will direct which allocation method will be used when the fee for the service is submitted for payment to the service provider or reimbursement to the Plan Sponsor.

Individual Expenses

The Plan may impose certain charges against individual participants' accounts rather than charge them against the Plan as a whole. These charges may arise based on your use of a feature available under the Plan (e.g., participant loans), or based on the application of applicable law (e.g., processing a qualified domestic relations order in case of a divorce). Any fee or expense charged against your account will be reported to you in your quarterly account statement in the calendar quarter following the quarter in which the charge occurs (and/or, as applicable, in any transaction statement).

Activity Type	Current Fees
Annuity Purchase	\$175
Insufficient Funds	\$75
Reprocessing (adjustment)	\$75
Special Mailing	\$40

Managed Accounts: This is an annual fee equal to 50 basis points (0.50%) deducted on a monthly basis from your participant account if you elect the managed account service from Envestnet Retirement Solutions.