

**Important Notice**  
**Regarding Changes to the Investment Options Offered through**

Proficient Auto, Inc. routinely reviews the investment options offered in your Plan. In keeping with these efforts, we are announcing changes in the Plan's investment lineup. These investment options are available to your plan through a group variable insurance contract. Your plan does not invest directly in the underlying fund.

If you would like to change your investment percentages or are not currently participating in the plan and wish to enroll, please visit the participant website at [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess) or call 1-800-854-0647 Monday-Friday between 8AM ET – 8PM ET for information or assistance. If you do not wish to enroll at this time, you may disregard this investment change notice.

▶ **Mark this date and check your investments – July 15, 2021**

On July 15, 2021 you will have access to the new investment option(s) listed below.

In light of these changes, this may be a good time to review your investments. Empower Retirement offers retirement planning tools and information to help you make investment decisions and manage your retirement savings. Visit the participant website at [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess) and review your Participant Disclosure Notice and the enclosed investment disclosure material to find the information you need.

If you have monies invested in an underlying option in the plan that is being discontinued and you do not want to have your account invested in the plan with respect to the replacement option, you can transfer your account to one of the Plan's other investment options before the effective date of the change. To change your investment option for future contributions, or transfer existing balances between investment options, log on to the participant website at [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess) or call 1-800-854-0647.

▶ **See how your investments are changing**

Effective July 15, 2021 the new investment options listed below are being added to the plan and effective July 15, 2021 certain investment options in the plan will be discontinued and transferred as displayed below.

**New Investment Options**

JPMorgan Mid Cap Growth Inv Opt R6  
MassMutual 60/40 Allocation Inv Opt I  
PIMCO Income Inv Opt Inst

**Discontinued Investment Options**

Invesco Main Street Mid Cap Inv Opt R6  
Invesco Small Cap Growth Inv Opt R6

**On December 31, 2020, Empower Retirement ("Empower") acquired the retirement plan and group insurance business of Massachusetts Mutual Life Insurance Company ("MassMutual"). Following an initial transition period, Empower Retirement will become the sole administrator of the retirement business acquired from MassMutual. Through this transaction, group insurance business written by MassMutual is reinsured by Great-West Life & Annuity Insurance Company ("GWLA"), and in New York by Great-West Life & Annuity Insurance Company of New York ("GWLANY"). Concurrently, MassMutual retroceded to GWLA and GWLANY similar group insurance business it reinsures from a cedent, which MassMutual assumed in a previous transaction. Empower Retirement refers to the products and services offered by GWLA and its subsidiaries, including Empower Retirement, LLC; GWFS Equities, Inc.; and registered investment advisers Advised Assets Group, LLC and Personal Capital Advisors Corporation. GWFS Equities, Inc. is the distributor of the MassMutual insurance products sold on Empower's platform. Empower Retirement is not affiliated with MassMutual or its affiliates.**

---

MassMutual Mid Cap Growth Opt I  
 MassMutual Short Duration Bond Inv Opt I  
 Pioneer Strategic Income Inv Opt K  
 Wells Fargo Special Small Cap Value Inv Opt R6

---

► **If you don't take action**

Any money remaining in the discontinued investment options after July 15, 2021 will be automatically transferred to the following investment options:

<b>If you were Invested in:</b>	<b>You will be Invested in:</b>
Invesco Main Street Mid Cap Inv Opt R6	Vanguard Mid-Cap Index Inv Opt Admiral
MassMutual Mid Cap Growth Opt I	JPMorgan Mid Cap Growth Inv Opt R6
Wells Fargo Special Small Cap Value Inv Opt R6	Franklin Small Cap Value Inv Opt R6
Invesco Small Cap Growth Inv Opt R6	Ivy Small Cap Growth Inv Opt N
MassMutual Short Duration Bond Inv Opt I	Fixed Account
Pioneer Strategic Income Inv Opt K	PIMCO Income Inv Opt Inst

► **Fee and Performance Information.** The enclosed investment information includes, among other important information, details regarding the annual operating expenses and performance associated with each investment option underlying the plan's group variable annuity contract. Some of the plan's administrative fees may be paid from the total annual operating expenses of these investment options. **In addition, a Program and Administrative Charge at an annual rate of 0.80% is applied to cover certain administrative services under the Plan's contract. For additional information regarding the Program and Administrative Charge, as well as the other administrative and individual fees and expenses that may be charged to your plan account, please refer to your quarterly participant statements and your Participant Fee Disclosure Notice (titled, "IMPORTANT NOTICE: Plan and Investment-Related Information Including Investment Option Performance History, Fees and Expenses), a copy of which is available at: [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess) or by calling 1-800-854-0647.**

► **What Does This Mean to You?**

These changes are being made by your plan sponsor to the Plan's investment options. As a result, these changes will alter how your account is invested after the effective date of the change. The new investment options that were selected to replace the existing investment options have characteristics, including level of risk and rate of return, that are reasonably similar to the characteristics of the existing investment options. With information previously or concurrently provided to you regarding the plan's existing and new investment options, you may consider whether you want to have the existing investments in your account automatically transferred to the new investment options.

**On December 31, 2020, Empower Retirement ("Empower") acquired the retirement plan and group insurance business of Massachusetts Mutual Life Insurance Company ("MassMutual"). Following an initial transition period, Empower Retirement will become the sole administrator of the retirement business acquired from MassMutual. Through this transaction, group insurance business written by MassMutual is reinsured by Great-West Life & Annuity Insurance Company ("GWLA"), and in New York by Great-West Life & Annuity Insurance Company of New York ("GWLANY"). Concurrently, MassMutual retroceded to GWLA and GWLANY similar group insurance business it reinsures from a cedent, which MassMutual assumed in a previous transaction. Empower Retirement refers to the products and services offered by GWLA and its subsidiaries, including Empower Retirement, LLC; GWFS Equities, Inc.; and registered investment advisers Advised Assets Group, LLC and Personal Capital Advisors Corporation. GWFS Equities, Inc. is the distributor of the MassMutual insurance products sold on Empower's platform. Empower Retirement is not affiliated with MassMutual or its affiliates.**

You have the right to direct your investments. If you do not want to invest in the comparable new investment options, then you can make changes to the investment of your account prior to the transition as described in this notice. If you have previously exercised discretion over the investment of your account and you do not provide affirmative investment instructions contrary to the change prior to the effective date of the change, you will be treated as having affirmatively elected to invest your account in the new investment options.

The enclosed investment information includes, among other important information, details regarding the annual operating expenses associated with each investment option underlying the plan's group variable insurance contract. Some of the plan's administrative fees may be paid from the total annual operating expenses of these investment options. Other administrative and individual fees and expenses may also be charged to your plan account. For further information regarding these fees and expenses, please refer to your participant fee disclosure notice (titled, "IMPORTANT NOTICE: Plan and Investment-Related Information Including Investment Option Performance History, Fees and Expenses), a copy of which is available at [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess) or by calling our participant service center at 1-800-854-0647.

**Please consider an investment option's objectives, risks, fees and expenses carefully before investing. Certain transfer and/or frequent trading restrictions may be applicable to your plan's investment options. This and other information about the investment option can be found in the applicable prospectuses or summary prospectuses, if any, the attached fact sheets and/or other attached information for the investment options listed, the participant website at [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess), or by contacting our participant service center at 1-800-854-0647. Please review this information carefully before investing.**

**The information in this notice does not offer or constitute investment advice and makes no direct or indirect recommendation of any particular product or of the appropriateness of any particular investment-related option.** Investing involves risk, including the possible loss of principal. These investments are not FDIC-insured, performance may be impacted by contractual fees or other expenses and are not guaranteed by a bank or insured by any U.S. federal government agency. Investment values of variable return products fluctuate so that investment units, when redeemed, may be worth more or less than their original cost. Guarantees of fixed return investment products are based on the claims paying ability of the issuing insurance company.

To review your account or for further information regarding your plan's investment options, please call the Retirement Plan Information Line at 800-854-0647 or log into your account online via [www.massmutual.com/retirementaccess](http://www.massmutual.com/retirementaccess).

If you have any questions related to this matter, please contact me at .

Sincerely,

**On December 31, 2020, Empower Retirement ("Empower") acquired the retirement plan and group insurance business of Massachusetts Mutual Life Insurance Company ("MassMutual"). Following an initial transition period, Empower Retirement will become the sole administrator of the retirement business acquired from MassMutual. Through this transaction, group insurance business written by MassMutual is reinsured by Great-West Life & Annuity Insurance Company ("GWLA"), and in New York by Great-West Life & Annuity Insurance Company of New York ("GWLANY"). Concurrently, MassMutual retroceded to GWLA and GWLANY similar group insurance business it reinsures from a cedent, which MassMutual assumed in a previous transaction. Empower Retirement refers to the products and services offered by GWLA and its subsidiaries, including Empower Retirement, LLC; GWFS Equities, Inc.; and registered investment advisers Advised Assets Group, LLC and Personal Capital Advisors Corporation. GWFS Equities, Inc. is the distributor of the MassMutual insurance products sold on Empower's platform. Empower Retirement is not affiliated with MassMutual or its affiliates.**

**Empower Retirement LLC (Empower) 100 Bright Meadow Blvd., Enfield, CT 06082**

Fund Name/Share Class	Fees & Charges			Investment Option Performance <sup>3</sup>				
	Program and Administrative Charge	Annual Underlying Fund Expense Ratio <sup>1</sup>		Average Annual Return <sup>2</sup>			Inception Dates <sup>5</sup>	
		Gross	Net	1 Yr.	5 Yr.	10 Yr. or SI <sup>4</sup>	Underlying Fund	Date In Separate Account
MassMutual 60/40 Allocation Inv Opt I [I]	0.80%	0.58%	0.53%	32.27%	11.05%	N/A*	4/1/2014	9/16/2015
PIMCO Income Inv Opt Inst [Inst]	0.80%	1.09%	1.09%	12.21%	5.05%	6.02%	3/30/2007	9/16/2015
JPMorgan Mid Cap Growth Inv Opt R6 [R6]	0.80%	0.75%	0.74%	58.95%	22.12%	15.05%	3/2/1989	9/16/2015

<sup>1</sup> The gross annual underlying expense ratio is presented as the total annual fund or class operating expenses, before waivers and disbursements, that have been paid by the fund and stated as a percent of the fund's total net assets. The net annual underlying expense ratio is presented as the annual fund or class operating expenses, less any expense waivers and disbursements that have been paid by the fund and stated as a percent of the fund's total net assets. Underlying Fund Expense Ratios presented here do not reflect the effect of the Program and Administration Charge (sometimes referred to as a “separate account charge”), applicable to your Plan's contract.

<sup>2</sup> Average annual returns are calculated as a steady compounded rate of return over the period of time indicated. Returns are historical and include change in share value and reinvestment of dividends and capital gains, if any. Total returns that are less than one year are not annualized.

<sup>3</sup> These performance data do not reflect the possible imposition of any redemption fees or charges associated with any withdrawal benefits that may be available through your Plan.

<sup>4</sup> SI stands for Since Inception. Since inception return is used for funds fewer than 10 years old. The performance returns reflected in this chart are calculated to the inception date of the initial class of the fund.

<sup>5</sup> Investment option performance shows returns based upon a single investment in the separate account at the beginning of the period being reported and retained throughout the period. Performance is stated after deduction for underlying fund expenses and program and administrative charge listed above. With respect to all performance displayed, where inception of the underlying fund predates inclusion in the separate account, performance is given since the inception of the underlying fund. In such cases, performance given for periods prior to inclusion in the separate account is hypothetical and is based on the actual performance of the underlying fund less the fees that would have been charged had it been included in the separate account during the period. Total return includes capital appreciation, if any, plus reinvested dividends and capital gains.

On December 31, 2020, Empower Retirement (“Empower”) acquired the retirement plan and group insurance business of Massachusetts Mutual Life Insurance Company (“MassMutual”). Following an initial transition period, Empower Retirement will become the sole administrator of the retirement business acquired from MassMutual. Through this transaction, group insurance business written by MassMutual is reinsured by Great-West Life & Annuity Insurance Company (“GWLA”), and in New York by Great-West Life & Annuity Insurance Company of New York (“GWLANY”). Concurrently, MassMutual retroceded to GWLA and GWLANY similar group insurance business it reinsures from a cedent, which MassMutual assumed in a previous transaction. Empower Retirement refers to the products and services offered by GWLA and its subsidiaries, including Empower Retirement, LLC; GWFS Equities, Inc.; and registered investment advisers Advised Assets Group, LLC and Personal Capital Advisors Corporation. GWFS Equities, Inc. is the distributor of the MassMutual insurance products sold on Empower’s platform. Empower Retirement is not affiliated with MassMutual or its affiliates.

Empower Retirement LLC (Empower) 100 Bright Meadow Blvd., Enfield, CT 06082

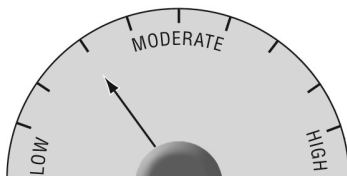
VRU Code (internal use only): 1186  
 Morningstar Category Allocation--50% to 70% Equity

This investment option is available to your plan through a group variable contract offered to fund retirement programs. Your plan invests in the separate account which invests directly in the mutual fund.

### Risk/Return Spectrum

Stable Value/ Money Market	Bond	Asset Allocation/ Balanced	Large Cap	Mid Cap	Small Cap	International/ Global	Specialty
-------------------------------	------	-------------------------------	-----------	---------	-----------	--------------------------	-----------

### Volatility Profile



The volatility profile is a measure of the level of risk of the underlying fund and is based on a ranking of the three year standard deviation of the fund's performance. The ranking is compared against other funds within the same broad category group. The higher the volatility, the higher the variation in returns.

As of 12/31/2020

Asset Allocation	% Assets
Stock.....	49.36
Foreign Stock.....	12.58
Bond.....	37.95
Foreign Bond.....	-6.29
Preferred.....	0.15
Convertible.....	0.58
Cash.....	5.31
Other.....	0.36
<b>Total</b>	<b>100.00%</b>

### Largest Holdings

	% Assets
MM Select Equity Asset I.....	20.20
MassMutual Premier Core Bond I.....	8.13
MassMutual Premier Short-Duration Bd I.....	6.58
MassMutual Select Total Return Bond I.....	6.24
MassMutual Select Strategic Bond I.....	5.99
MassMutual Select Blue Chip Growth I.....	5.44
MassMutual Select Equity Opports I.....	5.38
MassMutual Select Diversified Value I.....	3.60
MassMutual Select Overseas I.....	3.60
MassMutual Select Fundamental Value I.....	3.53
<b>Total</b>	<b>68.69%</b>

### Diversification

	% Assets
Basic Materials.....	3.65
Consumer Cyclical.....	12.55
Financial Services.....	15.49
Real Estate.....	3.88
Consumer Defensive.....	7.23
Healthcare.....	14.10
Utilities.....	2.68
Communication Services.....	8.46
Energy.....	2.34
Industrials.....	11.38
Technology.....	18.23
<b>Total</b>	<b>99.99%</b>

### Strategy

The investment seeks to achieve as high a total return over time as is considered consistent with prudent investment risk, preservation of capital and recognition of the fund's stated asset allocation. The fund is a "fund of funds" and seeks to achieve its investment objective by investing in a combination of U.S. domestic and international mutual funds ("underlying funds") using an asset allocation strategy. It typically invests approximately 60% of its assets in equity and similar funds and approximately 40% in fixed income funds, including money market funds.

### Principal Risks

Credit and Counterparty|Inflation/Deflation|Inflation-Protected Securities|Currency|Emerging Markets|Foreign Securities|Loss of Money|Not FDIC Insured|Country or Region|Growth Investing|Value Investing|Index Correlation|Tracking Error|Market/Market Volatility|Bank Loans|Commodity|Convertible Securities|Distressed Investments|Equity Securities|High-Yield Securities|Industry and Sector Investing|Mortgage-Backed and Asset-Backed Securities|Preferred Stocks|Repurchase Agreements|Restricted/Illiquid Securities|Underlying Fund/Fund of Funds|U.S. Government Obligations|Derivatives|Pricing|Fixed-Income Securities|Dollar Rolls|Sovereign Debt|Cash Drag|Forwards|Management|Small Cap|Mid-Cap|Large Cap|Real Estate/REIT Sector

### Portfolio Statistics

As of 12/31/2020

Inception Date:	6/20/2011	Investment Advisor:	MML Investment Advisers, LLC
Net Assets (\$ in millions):	\$214.49	Portfolio Manager:	Frederick(Rick) Schultz

Investors should carefully consider investment objectives, risks, charges and expenses. This and other important information is contained in the fund prospectus and summary prospectus (if available), which can be obtained from the funds website or by calling [1-800-637-6444/tel:+1-800-272-2216], and should be read carefully before investing. The investment is not FDIC-insured, may lose value and is not guaranteed by a bank or other financial institution.

For more details concerning risk see: [https://retire.massmutual.com/retire/pdf/folder/guides/principal\\_risks.pdf](https://retire.massmutual.com/retire/pdf/folder/guides/principal_risks.pdf).

Processing and publication dates vary by fund company resulting in potential variations in "as of" dates. Information contained herein is subject to change at any time, and may vary based on underlying fund and/or share class considerations (if applicable). Certain sections, if shown, may not add up to 100% due to rounding.

Morningstar Category: identifies funds based on investment styles as measured by their underlying portfolio holdings/statistics over 3 years. Investment options can move into other categories, or Morningstar may change their classification methodology.

© 2021 Morningstar, Inc. All Rights Reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.

©2021 Massachusetts Mutual Life Insurance Company, Springfield, MA 01111-0001. All rights reserved. www.massmutual.com. Massachusetts Mutual Life Insurance Company (MassMutual) and its affiliated companies and sales representatives.

RS-37175-01.

VRU Code (internal use only): N/A  
 Morningstar Category Multisector Bond

As of 9/30/2020

Asset Allocation	% Assets
Stock.....	0.53
Foreign Stock.....	0.27
Bond.....	33.49
Foreign Bond.....	35.08
Preferred.....	0.91
Convertible.....	5.07
Cash.....	24.81
Other.....	-0.16
<b>Total</b>	<b>100.00%</b>

Largest Holdings	% Assets
10 Year Treasury Note Future Dec 20.....	12.27
Federal National Mortgage Association.....	6.69
Federal National Mortgage Association.....	4.95
Pimco Fds.....	3.22
Federal National Mortgage Association.....	2.68
Long-Term Euro Btp Future Dec 20.....	2.59
Federal Home Loan Banks.....	2.06
Csmc Trust.....	2.05
Federal National Mortgage Association.....	1.50
United States Treasury Notes.....	1.42
<b>Total</b>	<b>39.43%</b>

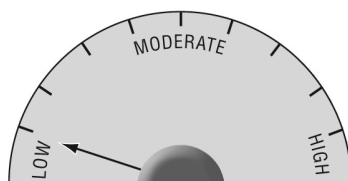
This investment option is available to your plan through a group variable contract offered to fund retirement programs. Your plan invests in the separate account which invests directly in the mutual fund.

**Risk/Return Spectrum**

Stable Value/ Money Market	Bond	Asset Allocation/ Balanced	Large Cap	Mid Cap	Small Cap	International/ Global	Specialty
-------------------------------	------	-------------------------------	-----------	---------	-----------	--------------------------	-----------

Securities rated "BB" and below are commonly referred to as "high yield, high risk securities" or "junk bonds." High yield bonds generally involve greater credit risk and may be more volatile than investment grade bonds.

**Volatility Profile**



The volatility profile is a measure of the level of risk of the underlying fund and is based on a ranking of the three year standard deviation of the fund's performance. The ranking is compared against other funds within the same broad category group. The higher the volatility, the higher the variation in returns.

**Strategy**

The investment seeks to maximize current income; long-term capital appreciation is a secondary objective. The fund invests at least 65% of its total assets in a multi-sector portfolio of Fixed Income Instruments of varying maturities, which may be represented by forwards or derivatives such as options, futures contracts or swap agreements. It may invest up to 50% of its total assets in high yield securities rated below investment grade by Moody's, S&P or Fitch, or if unrated, as determined by PIMCO.

**Principal Risks**

Short Sale/Credit and Counterparty/Prepayment (Call)/Currency/Emerging Markets/Foreign Securities/Loss of Money/Not FDIC Insured/Income/Issuer/Interest Rate/Market/Market Volatility/Convertible Securities/Equity Securities/High-Yield Securities/Mortgage-Backed and Asset-Backed Securities/Other/Restricted/Illiquid Securities/Derivatives/Leverage/Sovereign Debt/Management

**Portfolio Statistics**

As of 9/30/2020

Inception Date:	3/30/2007	Investment Advisor:	Pacific Investment Management Company, LLC
Net Assets (\$ in millions):	\$131,634.29	Portfolio Manager:	Alfred Murata
Number of Bond Holdings:	6835		Daniel Ivascyn
Number of Stock Holdings:	24		

Investors should carefully consider investment objectives, risks, charges and expenses. This and other important information is contained in the fund prospectus and summary prospectus (if available), which can be obtained from the funds website or by calling [1-800-637-6444/tel:+1-800-272-2216], and should be read carefully before investing. The investment is not FDIC-insured, may lose value and is not guaranteed by a bank or other financial institution.

For more details concerning risk see: [https://retire.massmutual.com/retire/pdf/folder/guides/principal\\_risks.pdf](https://retire.massmutual.com/retire/pdf/folder/guides/principal_risks.pdf).

Processing and publication dates vary by fund company resulting in potential variations in "as of" dates. Information contained herein is subject to change at any time, and may vary based on underlying fund and/or share class considerations (if applicable). Certain sections, if shown, may not add up to 100% due to rounding.

Morningstar Category: identifies funds based on investment styles as measured by their underlying portfolio holdings/statistics over 3 years. Investment options can move into other categories, or Morningstar may change their classification methodology.

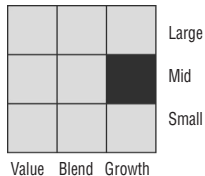
© 2021 Morningstar, Inc. All Rights Reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.

©2021 Massachusetts Mutual Life Insurance Company, Springfield, MA 01111-0001. All rights reserved. www.massmutual.com. Massachusetts Mutual Life Insurance Company (MassMutual) and its affiliated companies and sales representatives.

VRU Code (internal use only): 1247

Morningstar Category Mid-Cap Growth

Morningstar Style Box



As of 12/31/2020

Asset Allocation	% Assets
Stock.....	97.20
Foreign Stock.....	0.79
Bond.....	0.00
Foreign Bond.....	0.00
Preferred.....	0.00
Convertible.....	0.00
Cash.....	2.02
Other.....	0.00
<b>Total</b>	<b>100.01%</b>

Largest Holdings	% Assets
JPMorgan Prime Money Market IM.....	2.02
The Trade Desk Inc A.....	1.96
Spotify Technology SA.....	1.69
O'Reilly Automotive Inc.....	1.68
Enphase Energy Inc.....	1.64
Synopsys Inc.....	1.63
Match Group Inc.....	1.55
CrowdStrike Holdings Inc Class A.....	1.50
RingCentral Inc Class A.....	1.47
Roku Inc Class A.....	1.41
<b>Total</b>	<b>16.55%</b>

Diversification	% Assets
Basic Materials.....	0.51
Consumer Cyclical.....	13.23
Financial Services.....	6.21
Real Estate.....	0.94
Consumer Defensive.....	1.50
Healthcare.....	20.24
Utilities.....	0.00
Communication Services.....	9.35
Energy.....	0.00
Industrials.....	15.47
Technology.....	32.54
<b>Total</b>	<b>99.99%</b>

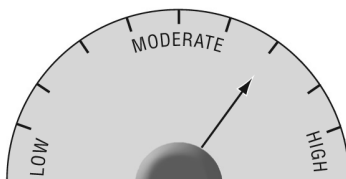
This investment option is available to your plan through a group variable contract offered to fund retirement programs. Your plan invests in the separate account which invests directly in the mutual fund.

**Risk/Return Spectrum**

Stable Value/ Money Market	Bond	Asset Allocation/ Balanced	Large Cap	<b>Mid Cap</b>	Small Cap	International/ Global	Specialty
-------------------------------	------	-------------------------------	-----------	----------------	-----------	--------------------------	-----------

Mid-cap investing generally have higher risk and return characteristics than large-company stocks.

**Volatility Profile**



The volatility profile is a measure of the level of risk of the underlying fund and is based on a ranking of the three year standard deviation of the fund's performance. The ranking is compared against other funds within the same broad category group. The higher the volatility, the higher the variation in returns.

**Strategy**

The investment seeks growth of capital. Under normal circumstances, at least 80% of the fund's assets will be invested in equity securities of mid cap companies, including common stocks and debt securities and preferred stocks that are convertible to common stocks. "Assets" means net assets, plus the amount of borrowings for investment purposes. The fund invests primarily in common stocks of mid cap companies which the fund's adviser believes are capable of achieving sustained growth.

**Principal Risks**

Loss of Money|Not FDIC Insured|Growth Investing|Market/Market Volatility|Equity Securities|Industry and Sector Investing|Derivatives|Suitability|Shareholder Activity|Management|Mid-Cap

**Portfolio Statistics**

As of 12/31/2020

Inception Date:	2/18/1992	Investment Advisor:	J.P. Morgan Investment Management, Inc.
Net Assets (\$ in millions):	\$7,876.02	Portfolio Manager:	Felise Agranoff Timothy Parton
Number of Stock Holdings:	109		

Investors should carefully consider investment objectives, risks, charges and expenses. This and other important information is contained in the fund prospectus and summary prospectus (if available), which can be obtained from the funds website or by calling [1-800-637-6444/tel:+1-800-272-2216], and should be read carefully before investing. The investment is not FDIC-insured, may lose value and is not guaranteed by a bank or other financial institution.

For more details concerning risk see: [https://retire.massmutual.com/retire/pdf/guides/principal\\_risks.pdf](https://retire.massmutual.com/retire/pdf/guides/principal_risks.pdf).

Processing and publication dates vary by fund company resulting in potential variations in "as of" dates. Information contained herein is subject to change at any time, and may vary based on underlying fund and/or share class considerations (if applicable). Certain sections, if shown, may not add up to 100% due to rounding.

Morningstar Category: identifies funds based on investment styles as measured by their underlying portfolio holdings/statistics over 3 years. Investment options can move into other categories, or Morningstar may change their classification methodology.

© 2021 Morningstar, Inc. All Rights Reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.

©2021 Massachusetts Mutual Life Insurance Company, Springfield, MA 01111-0001. All rights reserved. www.massmutual.com. Massachusetts Mutual Life Insurance Company (MassMutual) and its affiliated companies and sales representatives.