

Performance Update

As of January 31, 2024

MassMutual Artistry Variable Annuity

- **Not a bank or credit union deposit or obligation**
- **Not insured by any federal government agency**
- **Not FDIC or NCUA-insured**
- **Not guaranteed by any bank or credit union**
- **May go down in value**



MassMutual Artistry

A deferred variable annuity is a long-term investment designed to help you accumulate assets for retirement. It also offers a broad array of investment choices and asset classes, fixed accounts, death benefit choices and multiple methods to turn those assets into a stream of guaranteed income at some point in the future. (Guarantees are based on the claims-paying ability of the issuing company and do not apply to the investment performance or the safety of amounts held in the variable investment choices.) Variable annuities are not appropriate for everyone. There are fees and charges associated with owning an annuity. **Variable annuities are subject to market risk, including the potential loss of principal.** Also, withdrawals of earnings will be subject to income tax and may be subject to a 10 percent federal income tax penalty if taken prior to age 59 ½.

MassMutual Artistry first became available (in most states) on June 29, 2001, but many of the underlying funds were established before this date. For these funds, the total returns are computed using hypothetical variable annuity unit values which are based on the underlying fund's performance less separate account expenses for the periods shown, including periods before the product was available. For periods of one year or less, the total return is not annualized and is the percentage change in an Accumulation Unit. For periods greater than one year, the average annual total return for the time periods is shown.

Past performance is no indication of future results. This update contains the most recent month-end performance. Since performance changes daily, the current performance may be lower or higher than the performance reflected in this update. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. For the most recent month-end performance information, visit our website at www.massmutual.com or call the MassMutual Customer Service Center at (800) 272-2216, Monday – Friday, 8 a.m. to 8 p.m. Eastern Time.

Investing involves risk, including the loss of principal. Each investment choice underlying the variable annuity contract has broad risks that apply to all investment choices, such as market risk, as well as specific risks inherent in particular types of investment choices that may subject your variable annuity contract to greater risk and volatility than the general market.

Before purchasing MassMutual Artistry, investors should carefully consider the investment objectives, risks, charges and expenses of the variable annuity contract. For this and other information, obtain the [MassMutual Artistry prospectus](#) from your registered representative. The prospectus should be read carefully before investing or sending money. You may also obtain the [prospectuses \(or summary prospectuses, if available\)](#) for its underlying investment choices from your registered representative.

Market Indices as of January 31, 2024

	YTD	1 Year	3 Years	5 Years	10 Years
S&P 500 Index	1.68%	20.82%	10.99%	14.30%	12.62%
MSCI ACWI Ex USA NR USD	-0.99%	5.88%	1.14%	5.32%	4.21%
Russell 2000 Total Return Index	-3.89%	2.40%	-0.76%	6.80%	7.03%
Bloomberg U.S. Aggregate Bond Index	-0.27%	2.10%	-3.17%	0.83%	1.63%

Market indices have been provided for informational purposes only; they are unmanaged and reflect no fees or expenses. Individuals cannot invest directly in an index.

The Standard & Poor's 500 Index is an unmanaged measure of common stock total return performance in the U.S.

The Russell 2000 Total Return Index is a broad based, unmanaged index comprised of 2000 of the smallest U.S. domiciled company common stocks (on the basis of capitalization) that are traded in the United States on the New York Stock Exchange, the American Stock Exchange, and NASDAQ.

The Bloomberg U.S. Aggregate Bond Index is an unmanaged index of U.S. corporate bond issues, U.S. Government Securities and mortgage-backed securities.

Total Returns

For the Period Ending: January 31, 2024

Total Returns reflect total annualized separate account expenses of 1.18% and all fund level expenses. These returns do not reflect contingent deferred sales charges, the annual maintenance charge, or premium taxes, if any. Their inclusion would reduce the returns shown.

Separate Account Sub-account	Fund Inception Date	Endnotes	Cumulative	Average Annual				Since Inception
			YTD	1 Year	3 Years	5 Years	10 Years	
Money Market								
Invesco V.I. U.S. Government Money <i>7-day yield 3.50%</i>	4/3/1985	1, 2, 3	0.29%	3.40%	0.86%	0.39%	-0.20%	*
MML U.S. Government Money Market <i>7-day yield 3.69%</i>	12/15/1981	4, 5	0.31%	3.51%	0.87%	0.40%	-0.19%	*
Fixed Income								
Invesco V.I. Global Strategic Income Fund - SERIES I	5/3/1993	8	0.36%	3.64%	-3.21%	-0.59%	0.36%	*
MML II High Yield Fund - Service 1	5/3/2010	6, 7	0.13%	7.37%	1.03%	2.86%	2.97%	*
MML II Inflation-Protected and Income Fund - Initial	8/30/2002		0.35%	2.43%	-2.16%	1.80%	1.12%	*
MML II Managed Bond Fund - Initial	12/16/1981		0.28%	2.16%	-3.93%	0.19%	0.72%	*
MML Short-Duration Bond Fund - Service 1	5/3/2010	6, 7	0.57%	4.59%	-1.21%	-0.12%	0.18%	*
MML Total Return Bond Fund - Service 1	5/1/2012	7	-0.22%	0.48%	-5.04%	-0.65%	-0.02%	*
Asset Allocation								
MML Aggressive Allocation Fund - Initial	8/31/2007	9	0.25%	10.27%	4.44%	7.51%	6.40%	*
MML American Funds Core Allocation Fund - Service 1	8/15/2008	6, 7, 9	0.49%	8.88%	2.90%	5.82%	5.39%	*
MML Balanced Allocation Fund - Initial	8/31/2007	9	0.14%	6.03%	0.94%	4.32%	3.85%	*
MML Conservative Allocation Fund - Initial	8/31/2007	9	0.02%	5.38%	0.23%	3.53%	3.24%	*
MML Growth Allocation Fund - Initial	8/31/2007		0.17%	8.47%	3.23%	6.41%	5.50%	*
MML Moderate Allocation Fund - Initial	8/31/2007	9	0.01%	6.97%	1.92%	4.98%	4.43%	*
Balanced								
Invesco V.I. Conservative Balanced Fund - SERIES I	2/9/1987	8, 11	0.41%	7.02%	0.18%	4.86%	4.01%	*
MML II Blend Fund - Initial	2/2/1984		0.58%	11.03%	3.32%	6.83%	6.55%	*
Large Cap Value								
MML Equity Income Fund - Initial	5/1/2006	12	-0.31%	2.36%	8.65%	8.32%	7.01%	*
MML Fundamental Value Fund - Service 1	5/1/2012	6, 7	1.09%	8.35%	11.21%	9.19%	7.41%	*
MML II Equity Fund - Initial	12/31/1973	13	1.53%	5.61%	9.97%	9.33%	7.65%	*
MML Income & Growth Fund - Initial	5/1/2006	10, 12	0.19%	4.19%	10.69%	8.96%	7.99%	*
Large Cap Blend								
Fidelity VIP Contrafund Portfolio - Initial	1/3/1995	10	4.45%	29.92%	8.59%	14.24%	11.09%	*
Invesco V.I. Diversified Dividend Fund Series I	3/1/1990	14	-0.23%	3.85%	7.57%	7.17%	6.86%	*
Invesco V.I. Main Street Fund - SERIES I	7/5/1995		1.26%	16.92%	7.15%	10.68%	9.26%	*
MML Equity Index Fund - I	5/1/1997		1.52%	18.87%	9.20%	12.49%	10.83%	*
MML Focused Equity Fund - Service 1	5/1/2012	6, 7	0.92%	8.58%	9.13%	10.78%	10.03%	*
MML Fundamental Equity Fund - Service 1	5/1/2012	6, 7	1.24%	16.35%	6.83%	12.05%	11.00%	*
MML Sustainable Equity Fund - Initial	5/1/2006	12	1.79%	18.13%	9.29%	12.00%	10.27%	*
Large Cap Growth								
Invesco V.I. Capital Appreciation Fund - SERIES I	4/3/1985		4.35%	33.10%	5.82%	13.70%	11.06%	*
MML American Funds Growth Fund - Service 1	8/15/2008	6, 9, 15	1.61%	25.28%	4.60%	15.12%	12.99%	*
MML Blue Chip Growth Fund - Initial	5/1/2006	12	3.45%	39.73%	2.19%	10.04%	11.38%	*
MML Large Cap Growth Fund - Initial	5/1/2006	12	2.62%	35.04%	9.69%	15.09%	12.15%	*
Small/Mid Cap Value								
MML Mid Cap Value Fund - Initial	5/1/2006	12	-0.99%	-1.57%	7.55%	7.66%	7.69%	*
MML Small Company Value Fund - Service 1	2/27/2009	6, 7	-4.48%	-1.37%	4.56%	6.63%	6.05%	*
MML Small/Mid Cap Value Fund - Initial	5/1/2006	12	-2.22%	2.04%	7.85%	7.08%	6.65%	*
Small/Mid Cap Growth								
Invesco V.I. Discovery Mid Cap Growth Fund - SERIES I	8/15/1986		1.50%	9.42%	-2.81%	9.81%	8.69%	*
MML Mid Cap Growth Fund - Initial	5/1/2006	12	-0.48%	10.91%	0.18%	7.92%	9.10%	*
MML Small Cap Growth Equity Fund - Initial	5/3/1999		-3.07%	3.33%	-3.53%	7.34%	7.33%	*
Small/Mid Cap Blend								
MML II Small Cap Equity Fund - Initial	6/1/1998		-2.80%	4.50%	3.61%	8.80%	7.65%	*
International/Global								
Invesco Oppenheimer V.I. International Growth Fund - SERIES I	5/13/1992	7	-0.60%	9.89%	-1.69%	5.92%	3.11%	*
Invesco V.I. Global Fund - SERIES I	11/12/1990		2.52%	24.30%	2.27%	9.37%	7.88%	*
MML Foreign Fund - Initial	5/1/2006	12	-0.95%	5.05%	2.58%	3.17%	1.41%	*
MML Global Fund - II	5/1/2006	12	0.11%	5.46%	3.37%	7.62%	6.68%	*
MML II Strategic Emerging Markets Fund - Service 1	8/27/2008	6	-5.56%	-6.39%	-12.34%	-2.26%	-0.07%	*
MML International Equity Fund - Service 1	5/1/2014		-1.78%	4.02%	2.60%	4.39%		1.86%
Specialty								
Invesco V.I. Health Care Fund Series I (4452)	5/1/1997		3.09%	6.64%	0.10%	6.51%	5.71%	*
Invesco V.I. Technology Fund Series I (4455)	5/20/1997		3.84%	39.23%	0.37%	12.21%	11.36%	*

Separate Account Sub-account	Fund Inception Date	Endnotes	Cumulative	Average Annual				Since Inception
			YTD	1 Year	3 Years	5 Years	10 Years	
MML Managed Volatility Fund - Initial	5/1/2000	16, 18	0.75%	9.12%	2.68%	4.02%	3.35%	*
PIMCO Commodity Real Return Strategy Portfolio	2/28/2006	7	0.63%	-8.35%	7.77%	5.96%	-2.07%	*
VY CBRE Global Real Estate Porfolio - S	1/3/2006	6	-4.50%	-3.17%	1.54%	1.64%	2.73%	*

Standardized Total Returns - With Full Surrender

For the Period Ending: December 31, 2023

These standardized returns assume a single \$1,000 purchase payment made at the beginning of the periods shown, and full surrender on the last business day of the most recent calendar quarter. They assume that the contract (certificate, in certain states) is redeemed and reflect total separate account expenses of 1.18%, all fund level expenses and Contingent Deferred Sales Charges (CDSC) – Contract Year:

1 2 3 4 5 6 7 8 9 10+
8% 8% 7% 6% 5% 4% 3% 2% 1% 0%

These returns do not reflect premium taxes, if any. Their inclusion would reduce the returns shown.

Separate Account Sub-account	Date Added Separate Account	Endnotes	Cumulative YTD	Average Annual				Since Date to Account
				1 Year	3 Years	5 Years	10 Years	
Money Market								
Invesco V.I. U.S. Government Money <i>7-day yield 3.53%</i>	8/31/1998	1, 2, 3	-4.95%	-4.95%	-1.68%	-0.68%	-0.24%	0.59%
MML U.S. Government Money Market <i>7-day yield 3.73%</i>	5/1/2006	4, 5	-4.86%	-4.86%	-1.67%	-0.67%	-0.23%	-0.03%
Fixed Income								
Invesco V.I. Global Strategic Income Fund - SERIES I	8/31/1999	8	-1.00%	-1.00%	-5.80%	-0.91%	0.31%	3.19%
MML II High Yield Fund - Service 1	5/3/2010	6, 7	2.58%	2.58%	-1.29%	2.49%	3.03%	4.74%
MML II Inflation-Protected and Income Fund - Initial	4/30/2003		-4.14%	-4.14%	-4.44%	0.94%	1.28%	2.11%
MML II Managed Bond Fund - Initial	9/30/1999		-2.98%	-2.98%	-6.37%	-0.64%	0.84%	2.99%
MML Short-Duration Bond Fund - Service 1	5/3/2010	6, 7	-2.98%	-2.98%	-3.59%	-1.15%	0.13%	0.48%
MML Total Return Bond Fund - Service 1	5/1/2012	7	-4.35%	-4.35%	-7.50%	-1.40%	0.11%	0.18%
Asset Allocation								
MML Aggressive Allocation Fund - Initial	1/22/2008	9	7.58%	7.58%	1.38%	7.87%	6.06%	6.18%
MML American Funds Core Allocation Fund - Service 1	9/8/2008	6, 7, 9	3.99%	3.99%	0.00%	5.59%	5.19%	5.77%
MML Balanced Allocation Fund - Initial	1/22/2008	9	2.26%	2.26%	-1.80%	4.12%	3.72%	4.22%
MML Conservative Allocation Fund - Initial	1/22/2008	9	1.52%	1.52%	-2.46%	3.24%	3.15%	3.84%
MML Growth Allocation Fund - Initial	1/22/2008		5.45%	5.45%	0.28%	6.57%	5.23%	5.49%
MML Moderate Allocation Fund - Initial	1/22/2008	9	3.56%	3.56%	-0.89%	4.95%	4.26%	4.73%
Balanced								
Invesco V.I. Conservative Balanced Fund - SERIES I	4/30/2000	8, 11	2.38%	2.38%	-2.40%	4.60%	3.97%	2.58%
MML II Blend Fund - Initial	4/30/1999		6.94%	6.94%	0.43%	6.72%	6.29%	8.04%
Large Cap Value								
MML Equity Income Fund - Initial	5/31/2002	12	-0.40%	-0.40%	6.00%	8.77%	6.59%	4.93%
MML Fundamental Value Fund - Service 1	5/1/2012	6, 7	3.12%	3.12%	7.83%	9.42%	6.86%	8.40%
MML II Equity Fund - Initial	4/30/1999	13	-0.60%	-0.60%	6.82%	9.55%	7.07%	4.31%
MML Income & Growth Fund - Initial	8/31/1998	10, 12	-0.72%	-0.72%	7.26%	9.55%	7.51%	3.92%
Large Cap Blend								
Fidelity VIP Contrafund Portfolio - Initial	8/31/1998	10	21.34%	21.34%	4.11%	14.10%	10.30%	8.04%
Invesco V.I. Diversified Dividend Fund Series I	4/30/2000	14	-0.85%	-0.85%	4.60%	7.42%	6.53%	11.82%
Invesco V.I. Main Street Fund - SERIES I	8/31/1999		12.03%	12.03%	4.07%	11.09%	8.73%	5.28%
MML Equity Index Fund - I	4/30/1999		14.34%	14.34%	5.66%	12.70%	10.26%	5.74%
MML Focused Equity Fund - Service 1	5/1/2012	6, 7	-0.27%	-0.27%	4.46%	10.67%	9.26%	11.07%
MML Fundamental Equity Fund - Service 1	5/1/2012	6, 7	11.62%	11.62%	3.75%	12.18%	10.63%	11.23%
MML Sustainable Equity Fund - Initial	4/30/2003	12	13.21%	13.21%	5.65%	12.22%	9.67%	5.74%
Large Cap Growth								
Invesco V.I. Capital Appreciation Fund - SERIES I	8/31/1999		23.09%	23.09%	1.02%	13.86%	10.25%	6.01%
MML American Funds Growth Fund - Service 1	9/8/2008	6, 9, 15	25.44%	25.44%	1.62%	15.60%	12.53%	10.95%
MML Blue Chip Growth Fund - Initial	5/31/2002	12	35.96%	35.96%	-1.87%	10.47%	10.73%	7.82%
MML Large Cap Growth Fund - Initial	8/31/1999	12	37.94%	37.94%	5.33%	15.18%	11.65%	6.50%
Small/Mid Cap Value								
MML Mid Cap Value Fund - Initial	8/31/1999	12	-3.65%	-3.65%	5.00%	8.69%	7.56%	5.50%
MML Small Company Value Fund - Service 1	5/1/2009	6, 7	5.39%	5.39%	3.41%	8.52%	6.09%	9.88%
MML Small/Mid Cap Value Fund - Initial	4/30/2003	12	6.49%	6.49%	6.41%	8.64%	6.48%	4.53%
Small/Mid Cap Growth								
Invesco V.I. Discovery Mid Cap Growth Fund - SERIES I	8/31/1999		2.88%	2.88%	-5.84%	10.31%	8.51%	4.98%
MML Mid Cap Growth Fund - Initial	8/31/1998	12	11.51%	11.51%	-2.27%	8.95%	9.11%	6.29%
MML Small Cap Growth Equity Fund - Initial	5/3/1999		6.24%	6.24%	-4.72%	9.47%	7.52%	13.90%
Small/Mid Cap Blend								

Separate Account Sub-account	Date Added Separate Account	Endnotes	Cumulative	Average Annual				
			YTD	1 Year	3 Years	5 Years	10 Years	Since Date to Account
MML II Small Cap Equity Fund - Initial	8/31/1998		7.12%	7.12%	2.98%	10.71%	7.81%	6.33%
International/Global								
Invesco Oppenheimer V.I. International Growth Fund - SERIES I	8/31/1998	7	10.07%	10.07%	-4.43%	6.35%	2.59%	4.55%
Invesco V.I. Global Fund - SERIES I	8/31/1999		22.51%	22.51%	-1.59%	9.85%	7.20%	7.38%
MML Foreign Fund - Initial	8/31/1999	12	5.67%	5.67%	0.25%	3.80%	1.02%	1.17%
MML Global Fund - II	8/31/1999	12	3.99%	3.99%	-0.27%	8.05%	6.13%	3.77%
MML II Strategic Emerging Markets Fund - Service 1	5/1/2009	6	0.38%	0.38%	-12.74%	-0.54%	-0.32%	2.10%
MML International Equity Fund - Service 1	5/1/2014		7.54%	7.54%	0.07%	5.49%		2.04%
Specialty								
Invesco V.I. Health Care Fund Series I (4452)	4/30/2000		-6.33%	-6.33%	-3.44%	6.38%	5.62%	5.35%
Invesco V.I. Technology Fund Series I (4455)	4/30/2000		33.61%	33.61%	-3.23%	12.41%	10.93%	3.84%
MML Managed Volatility Fund - Initial	5/1/2000	16, 18	2.63%	2.63%	-0.20%	3.43%	3.13%	2.87%
PIMCO Commodity Real Return Strategy Portfolio	5/1/2006	7	-16.29%	-16.29%	6.13%	6.10%	-2.06%	-1.92%
VY CBRE Global Real Estate Porfolio - S	5/1/2006	6	2.13%	2.13%	0.42%	3.59%	3.05%	3.06%

MML Asset Allocation Funds
For the Period Ending: January 31, 2024

The MassMutual Artistry variable annuity contract contains six MML Asset Allocation Funds ("funds of funds") that are designed to help investors meet their financial goals. These funds consist of certain, but not all, underlying funds available within the MassMutual Artistry variable annuity contract. The percentages below represent the approximation of assets as of the report date and are rounded so they may not total 100%. The percentages may vary from the target allocation, which can be found in the corresponding fund prospectus.

	MML Aggressive Allocation Fund	MML American Funds Core Allocation Fund	MML Balanced Allocation Fund	MML Conservative Allocation Fund	MML Growth Allocation Fund	MML Moderate Allocation Fund
Fixed Income						
AMER FDS INS BOND FD		34.71				
INVESCO VI GLOBAL STRATEGIC IN	0.80		2.20	2.43	1.14	1.02
MML DYNAMIC BOND FUND	1.86		10.08	11.45	5.09	7.75
MML HIGH YIELD FUND	0.12		0.63	0.34	0.40	0.55
MML INFLATION PROTECTED BD FD	0.18		2.59	2.67	1.39	2.05
MML MANAGED BOND FUND	3.05		17.38	20.82	7.41	13.80
MML SHORT DURATION BOND FUND	1.65		3.99	4.76	2.35	3.40
MML TOTAL RETURN BOND FUND	1.55		12.22	15.65	5.61	9.66
PIMCO VARIABLE INSURANCE TRUST	0.51		0.86	0.93	0.60	0.76
Total Fixed Income	9.72	34.71	49.95	59.05	23.99	38.99
International/Global						
AMER FD INS INTERNATIONAL FD		12.56				
MML FOREIGN FD	3.68		2.24	1.94	3.22	2.66
MML GLOBAL FD	1.40		3.43	2.80	3.91	3.20
MML INTERNATIONAL EQUITY FUND	12.86		5.41	4.26	8.76	7.04
MML STRG EMERGING MARKETS FUND	1.60		0.81	1.13	1.53	1.30
Total International/Global	19.54	12.56	11.89	10.13	17.42	14.20
Large Cap Equity						
AMER FDS INS BLUE CHIP INC GRT		26.14				
AMER FDS INS GRWTH INC FD		26.60				
MML BLUE CHIP GROWTH FD	8.42		4.19	3.96	6.75	5.45
MML EQUITY INCOME FD	7.86		4.60	4.02	6.81	5.65
MML FOCUSED EQUITY FUND	13.78		8.01	5.13	10.69	9.22
MML FUNDAMENTAL GROWTH FUND	6.29		3.81	3.27	5.96	4.54
MML FUNDAMENTAL VALUE FUND	6.93		3.61	3.34	5.73	4.76
MML INCOME AND GROWTH FD	5.20		3.51	2.16	5.65	4.23
MML LARGE CAP GROWTH FD	6.49		2.99	2.46	4.96	3.51
Total Large Cap Equity	54.97	52.74	30.72	24.34	46.55	37.36
Mid Cap Equity						
MML MID CAP GROWTH FD	5.79		2.56	2.37	3.80	3.07
MML MID CAP VALUE FD	4.78		2.76	2.18	3.91	3.30
Total Mid Cap Equity	10.57		5.32	4.55	7.71	6.37
Small Cap Equity						
MML SMALL CAP GROWTH EQUITY FD	1.29		0.26	0.19	0.90	0.53
MML SMALL COMPANY VALUE FUND	2.72		1.17	1.13	2.38	1.63
MML SMALL/MID CAP VALUE	1.17		0.68	0.58	1.04	0.93
Total Small Cap Equity	5.18		2.11	1.90	4.32	3.09
Total Allocation	100	100	100	100	100	100

Credited Fixed Account Interest Rates Effective**For the Period Ending: January 31, 2024**

Current interest rates and guaranteed minimum interest rates vary by issue state and issue date. Credited rates will not be less than the minimum guaranteed interest rate as of a contract's issue date. Guarantees are based on the claims-paying ability of the issuing company.

	Previous	New	Change
Adjustable Loan Rates			
Credited Rate	3.00%	3.00%	0.00%
Earned Rate	5.56%	5.56%	0.00%
The Fixed Account			
New Money Rate	2.95%	2.75%	-0.20%
Portfolio Rate	2.00%	2.00%	0.00%
Exchange Dollars from Flex Extra	2.00%	2.00%	0.00%

Rates listed are applicable for new sales and subsequent payments. If a contract offered a guaranteed minimum interest rate different than the current applicable base interest rate listed, the contract holder will receive the higher of the two rates. The product, certain features and/or investment choices may not be available in all states or with all firms contracted with MassMutual.

Endnotes

- 1 An investment in the Fund is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or by any other government agency. Although the Fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in the Fund. The yield quotation more closely reflects the current earnings of the Fund than the total return quotation. It is an annualized rate based on results over the last seven days of the period.
- 2 Although the Oppenheimer Government Money Fund/VA commenced operations on April 3, 1985, the information necessary to calculate the returns is available only for the year 1987 and subsequent periods.
- 3 Although the Oppenheimer Government Money Fund/VA commenced operations on April 3, 1985, the information necessary to calculate the returns is available only for the year 1987 and subsequent periods. Oppenheimer Government Money is not available as an investment choice for contracts issued after January 18, 2008.
- 4 An investment in the Fund is neither insured nor guaranteed by the Federal Deposit Insurance Corporation or by any other government agency. Although the Fund seeks to maintain a stable net asset value per share, it is possible to lose money by investing in the Fund. The yield quotation more closely reflects the current earnings of the Fund than the total return quotation. It is an annualized rate based on results over the last seven days of the period, and is net of all recurring contract fees and charges.
- 5 The MML U.S. Government Money Market Fund does not have a 12b-1 fee.
- 6 Performance reflects share classes with 12(b)-1 fees from inception which reduces the fund's performance. Please see the fund prospectus for more information about this fee.
- 7 The fund established a new class of shares, which is available with this contract, after it began its initial investment operations. The performance for the period prior to offering the new class shows the historical returns for the original class of shares, which were not subject to a 12b-1 fee. The performance shown from the inception date of the class available with this contract includes the fees and expenses of that share class, including a 12b-1 fee. A 12b-1 fee reduces a fund's performance.
- 8 Unavailable in contracts issued on or after May 1, 2009. For contracts issued prior to May 1, 2009, you may not allocate any new money to this fund via purchase payments or transfers.
- 9 Funds offered in a fund-of-funds structure may have higher expenses than a direct investment in the underlying funds because a fund-of-funds bears its own expenses and indirectly bears its proportionate share of expenses of the underlying funds in which it invests.
- 10 The fund established a new class of shares, which is available with this policy, after it began its initial investment operations. The performance for the period prior to offering the new class shows the historical returns for the original class of shares, which were not subject to a 12b-1 fee. The performance shown from the inception date of the class available with this policy includes the fees and expenses of that share class, including a 12b-1 fee. A 12b-1 fee reduces a fund's performance.
- 11 Unavailable in contracts issued on or after April 30, 2012. Due to ongoing market volatility, rates of return may be subject to substantial short-term fluctuations. Current rates of return may be lower than the rates of return shown. You will find updated rates of return published on a monthly basis at <http://www.massmutual.com/productsolutions/productperformance>.
- 12 The historical performance shown reflects a combination of the current underlying fund's performance, as well as the performance of a prior fund. The current fund's performance is reflected beginning on 5/1/06. The prior fund's performance covers the period between the date listed in the performance table and 4/30/06. This Allocation Fund does not make an investment in the underlying fund. The Fund's allocation is below 0.5%. When the fund has 10 years of performance history the Since Inception return is no longer shown.
- 13 Although the MML Equity Fund commenced operations on 9/15/1971, the information necessary to calculate returns is available only for 1974 and later years.
- 14 Effective April 29, 2011, Invesco V.I. Financial Services Fund merged into Invesco V.I. Dividend Growth Fund. Performance prior to that day reflects performance of the Invesco V.I. Financial Services Fund and performance on and after that date reflects performance of the Invesco V.I. Dividend Growth Fund.

- 15 The underlying MML Fund does not buy investment securities directly, but instead invests in shares of a corresponding American Funds® “master” fund, which in turn purchases investment securities. The performance of the MML Fund will be lower than the American Funds® master fund because it represents an investment in the American Funds® master fund reduced by the MML Fund’s fees. The performance for the period prior to inception of the MML Fund on August 15, 2008, shows the historical returns for the American Funds® master fund adjusted to reflect the MML Fund’s fees at its inception (0.70%).
- 16 The portfolio is classified as “non-diversified”, meaning it has the ability to take larger positions in a smaller number of issuers than a “diversified” fund. Non-diversified portfolios may experience greater price volatility.
- 17 The Fund may participate in the Initial Public Offering (IPO) market. The market value of IPO shares may fluctuate considerably due to factors such as the absence of a prior public market, unseasoned trading, the small number of shares available for trading, and limited information about the issuer.
- 18 Formerly known as MML Large Cap Value Fund. The Fund’s name, investment objective, and investment strategy changed on April 29, 2013. The performance results prior to April 29, 2013 would not necessarily have been achieved had the Fund’s current strategy been in effect during that period.
- * When the fund has 10 years of performance history the Since Inception return is no longer shown.

MassMutual Artistry (Contract Form #: MUVA94) is a variable annuity contract issued by Massachusetts Mutual Life Insurance Company in New York and by C.M. Life Insurance Company in all other states. C.M. Life Insurance Company, 100 Bright Meadow Boulevard, Enfield, CT, 06082, is a subsidiary of Massachusetts Mutual Life Insurance Company, 1295 State Street, Springfield, MA 01111-0001.

Principal Underwriters:

MML Investors Services, LLC
MML Strategic Distributors, LLC

Subsidiaries of Massachusetts Mutual Life Insurance Company, 1295 State Street, Springfield, MA 01111-0001

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