

# Performance Data for Portfolios Available in New York Life Insurance and Annuity Corporation's Variable Universal Life Insurance Products<sup>1</sup>



This report shows the actual investment performance of the Registered Investment Divisions available with NYLIAC's retail variable universal life insurance products. These performance figures reflect investment management fees and direct operating expenses of the Investment Divisions. They do not reflect administrative costs, cost of insurance, and other policy charges (see the prospectus for details.) If these charges were applied, the returns would be lower. Consequently, the returns shown are greater than actual returns that would have been received under the policy during the periods shown. Policy fees and expenses vary by product. We recommend that you obtain a personalized illustration from your registered representative which takes into account the amount of insurance purchased, complete fees and charges under your specific policy, gender, age and underwriting classification. Performance data shown represents past performance and is not a guarantee of future results. Due to market volatility, current performance may be more or less than the figures shown.

These rates of return are not an estimate or guarantee of future performance. Your policy and the actual investment return of the subaccounts will fluctuate in response to market conditions and the specific Investment Divisions you choose. The advisors to some of the Investment Divisions have assumed or reduced some of those Investment Division's fees and expenses. Had these expenses not been assumed or reduced, the total returns for these Investment Divisions would have been lower.

Policyowners may invest in one or more of the Registered Investment Divisions. Each Investment Division has its own investment objective, which will affect its return and its risk. The Investment Divisions offered through a NYLIAC variable universal life insurance product are different from mutual funds that may have similar names but are available directly to the public. Investment results will vary. Availability of Investment Divisions will differ for the various products. Please refer to your product prospectus for Investment Division availability.

**An investment in the MainStay VP U.S. Government Money Market Investment Division is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although the MainStay VP U.S. Government Money Market Investment Division seeks to preserve the value of your investment at \$1.00 per unit, it is possible to lose money. The current yield more closely reflects the Investment Division's earnings than the total return figures shown.**

**Investments in equities are subject to the risk of loss due to changing economic, stock market, industry and company conditions. Stock prices have been volatile historically. Fixed-income securities fluctuate in value in response to changes in interest rates, and lower-rated fixed income securities involve greater credit risk and may be speculative. Non-US securities have been volatile and involve special currency fluctuation risks and risks related to political and economic events. Any investment division concentrated in commodity investments or economic sectors will tend to be more volatile.**

MainStay VP S&P 500 Index Portfolio - The S&P 500 Index is an unmanaged index and is widely regarded as the standard for measuring Large Cap U.S. stock market performance. "S&P 500" is a trademark of the McGraw-Hill Companies, Inc. and has been licensed for use by the MainStay VP S&P 500 Index Portfolio. The MainStay VP S&P 500 Index is not sponsored, endorsed, sold or promoted by Standard & Poor's and Standard and Poor's makes no representation regarding the advisability of investing in the MainStay VP S&P 500 Index Portfolio. Investors cannot directly purchase an index.

*For more information, you should refer to your product and fund prospectuses or visit [www.newyorklife.com](http://www.newyorklife.com). Policyowners are asked to consider the investment objectives, risks, charges, and expenses of the investment carefully before investing. Both the product prospectus and the underlying fund prospectuses contain this and other information about the product and underlying investment options. Please read the prospectuses carefully before investing.*

In Oregon, the policy form numbers are as follows: New York Life Variable Universal Life Accumulator II: ICC17-317-30, New York Life Variable Universal Life Accumulator Plus: ICC13313-30, New York Life Variable Universal Life Accumulator: 308-30.27, New York Life Survivorship Variable Universal Life Accumulator: 308-150.27, Legacy Creator SPVUL: 308.95.27, VUL Provider: 303-30.27 & 303-31.27, VUL 2000: 302-90.27, VUL: 799-90.27, SVUL: 302-150.27 and SPVUL: 303-95.27.

Issued by New York Life Insurance and Annuity Corporation (a Delaware Corporation), and distributed by NYLIFE Distributors LLC, member FINRA/SIPC, which are wholly owned subsidiaries of New York Life Insurance Company, 51 Madison Avenue, New York, NY 10010.

SMRU # 464034 (exp. 02/05/2020)

Performance Data for Portfolios Available in New York Life Insurance and Annuity Corporation's  
Variable Universal Life Insurance Products<sup>1</sup>

**Average Annual Total Rates of Return: Updated Monthly Through October 31, 2018**

Fund Risk	Fund ID	Registered Investment Division	Portfolio Inception Date <sup>2</sup>	Month End	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception	
Low	102	MainStay VP U.S. Government Money Market - Initial Class	1/29/1993	0.14%	1.08%	1.20%	0.51%	0.31%	0.17%	2.35%	
	178	PIMCO VIT Low Duration Portfolio - Institutional Class	4/10/2000	0.08%	0.09%	0.11%	0.96%	0.94%	3.18%	3.66%	
Moderate	167	MainStay VP Absolute Return Multi-Strategy - Initial Class <sup>5</sup>	5/1/2013	-0.33%	-5.00%	-5.08%	-2.17%	-4.73%	-	-2.77%	
	145	MainStay VP Balanced - Initial Class	5/2/2005	-4.73%	-2.13%	0.85%	5.22%	5.68%	9.64%	6.30%	
	107	MainStay VP Bond - Initial Class	1/23/1984	-0.90%	-2.83%	-2.54%	1.20%	1.94%	4.16%	6.79%	
	148	MainStay VP Conservative Allocation - Initial Class	2/13/2006	-4.17%	-3.70%	-2.16%	3.69%	3.54%	7.50%	5.40%	
	144	MainStay VP Floating Rate - Initial Class	5/2/2005	-0.19%	3.42%	3.86%	4.68%	3.55%	6.10%	3.88%	
	106	MainStay VP Income Builder - Initial Class	1/29/1993	-3.43%	-3.49%	-2.11%	4.79%	4.78%	9.39%	7.03%	
	186	MainStay VP Indexed Bond - Initial Class	5/1/2017	-0.91%	-2.92%	-2.70%	-	-	-	-1.03%	
	159	MainStay VP Janus Henderson Balanced - Initial Class	9/13/1993	-4.06%	3.80%	7.14%	8.40%	7.86%	10.59%	9.76%	
	119	MainStay VP MacKay Convertible - Initial Class	10/1/1996	-7.23%	2.40%	3.43%	8.27%	7.21%	11.91%	7.91%	
	103	MainStay VP MacKay Government - Initial Class	1/29/1993	-0.27%	-1.94%	-1.91%	0.24%	1.12%	2.83%	4.45%	
	110	MainStay VP MacKay High Yield Corporate Bond - Initial Class	5/1/1995	-1.19%	0.93%	1.61%	6.41%	4.82%	9.50%	7.98%	
	156	MainStay VP MacKay Unconstrained Bond - Initial Class	4/29/2011	-0.50%	0.19%	0.59%	3.46%	2.57%	-	3.70%	
	149	MainStay VP Moderate Allocation - Initial Class	2/13/2006	-5.52%	-4.01%	-1.84%	4.81%	4.48%	8.55%	5.83%	
	162	MainStay VP PIMCO Real Return - Initial Class	9/30/1999	-1.59%	-2.83%	-1.90%	1.54%	0.59%	4.41%	5.42%	
	191	American Funds IS <sup>®</sup> Asset Allocation Fund - Class 2	8/1/1989	-5.10%	-1.16%	0.23%	7.40%	6.82%	10.28%	7.04%	
	157	BlackRock <sup>®</sup> Global Allocation V.I. Fund - Class III	11/18/2003	-4.63%	-4.73%	-3.06%	3.49%	3.13%	6.52%	6.87%	
	173	BlackRock <sup>®</sup> High Yield V.I. Fund - Class I	4/20/1982	-2.29%	0.23%	0.25%	5.18%	4.10%	10.26%	8.75%	
	177	Columbia Variable Portfolio Emerging Markets Bond - Class 1 <sup>3</sup>	4/30/2012	-2.68%	-7.07%	-6.52%	4.40%	2.61%	-	2.88%	
	179	DWS Alternative Asset Allocation VIP - Class A	2/2/2009	-2.97%	-6.73%	-5.20%	0.84%	0.59%	-	4.71%	
	339	Fidelity <sup>®</sup> VIP Freedom 2020 Portfolio - Initial Class	4/26/2005	-5.04%	-3.30%	-1.18%	5.63%	5.15%	8.85%	6.10%	
	340	Fidelity <sup>®</sup> VIP Freedom 2030 Portfolio - Initial Class	4/26/2005	-6.50%	-3.84%	-1.20%	6.85%	6.20%	10.00%	6.71%	
	171	PIMCO VIT International Bond Portfolio (US Dollar-Hedged) - Institutional Class	4/10/2000	0.22%	1.92%	2.12%	3.79%	4.62%	6.88%	5.61%	
	344	PIMCO VIT Total Return Portfolio - Institutional Class	4/10/2000	-0.34%	-1.84%	-1.59%	1.81%	2.01%	4.93%	5.40%	
	High	164	MainStay VP Eagle Small Cap Growth - Initial Class	2/17/2012	-13.06%	0.86%	3.94%	11.18%	7.88%	-	9.26%
		121	MainStay VP Epoch U.S. Equity Yield - Initial Class	5/1/1998	-4.17%	-1.57%	1.93%	5.87%	6.27%	10.51%	5.50%
		124	MainStay VP Epoch U.S. Small Cap - Initial Class	5/1/1998	-10.34%	-8.25%	-2.89%	5.97%	5.94%	11.92%	5.34%
		151	MainStay VP Growth Allocation - Initial Class	2/13/2006	-8.39%	-5.52%	-2.10%	6.76%	5.85%	10.19%	6.11%
		122	MainStay VP Large Cap Growth - Initial Class	5/1/1998	-10.73%	9.95%	12.43%	12.32%	12.09%	14.60%	7.70%
		108	MainStay VP MacKay Common Stock - Initial Class	1/23/1984	-6.90%	2.91%	7.66%	10.72%	11.07%	12.91%	9.78%
		104	MainStay VP MacKay Growth - Initial Class <sup>4</sup>	1/29/1993	-9.29%	6.28%	11.09%	11.35%	10.13%	11.95%	7.48%
		109	MainStay VP MacKay International Equity - Initial Class	5/1/1995	-11.59%	-8.55%	-4.73%	5.31%	3.85%	6.13%	5.88%
		136	MainStay VP MacKay Mid Cap Core - Initial Class	7/2/2001	-7.98%	-1.75%	3.15%	8.26%	8.86%	14.09%	8.79%
		105	MainStay VP MacKay S&P 500 Index - Initial Class	1/29/1993	-6.85%	2.87%	7.17%	11.24%	11.04%	12.95%	9.16%
		180	MainStay VP MacKay Small Cap Core - Initial Class	5/2/2016	-10.12%	-2.23%	-0.17%	-	-	-	11.99%
160		MainStay VP MFS <sup>®</sup> Utilities - Initial Class	1/3/1995	-1.85%	2.02%	1.52%	6.99%	4.83%	10.56%	11.06%	
150		MainStay VP Moderate Growth Allocation - Initial Class	2/13/2006	-7.05%	-4.52%	-1.69%	5.99%	5.30%	9.73%	6.22%	
161		MainStay VP T.Rowe Price Equity Income - Initial Class <sup>4</sup>	3/31/1994	-5.66%	-2.40%	1.63%	9.60%	7.17%	10.74%	9.24%	
152		AB <sup>®</sup> VPS Small/Mid Cap Value Portfolio - Class A	5/2/2001	-9.25%	-5.49%	-1.59%	8.75%	7.66%	13.52%	10.03%	
188		American Funds IS <sup>®</sup> Blue Chip Income and Growth Fund - Class 2 <sup>3</sup>	7/5/2001	-6.83%	-1.91%	3.96%	10.10%	10.01%	11.93%	6.13%	
174		American Funds IS <sup>®</sup> Global Small Capitalization FundSM - Class 2 <sup>3</sup>	4/30/1998	-10.48%	-4.67%	-1.44%	6.61%	5.45%	11.09%	8.87%	
187		American Funds IS <sup>®</sup> Growth Fund - Class 2 <sup>3</sup>	2/8/1984	-8.28%	6.45%	8.89%	14.13%	12.70%	14.64%	10.81%	
185		ClearBridge Variable Appreciation Portfolio - Class I	10/16/1991	-4.72%	4.34%	8.72%	10.66%	10.30%	12.07%	8.88%	
175		Columbia Variable Product Commodity Strategy Fund - Class 1 <sup>3</sup>	4/30/2013	-2.92%	-6.48%	-4.11%	-0.89%	-8.37%	-	-8.56%	
323		Delaware VIP <sup>®</sup> Small Cap Value Series - Standard Class	12/27/1993	-10.33%	-7.95%	-5.03%	8.92%	7.24%	12.55%	10.47%	
310		DWS Small Cap Index VIP - Class A	8/22/1997	-10.92%	-0.79%	1.65%	10.41%	7.77%	12.16%	7.28%	
153		DWS Small Mid Cap Value VIP - Class A	5/1/1996	-8.88%	-6.87%	-5.28%	5.42%	5.95%	11.03%	8.27%	
138		Dreyfus IP Technology Growth Portfolio - Initial Shares	8/31/1999	-11.65%	6.87%	7.01%	16.48%	14.40%	17.34%	5.27%	
115		Fidelity <sup>®</sup> VIP Contrafund <sup>®</sup> Portfolio - Initial Class	1/3/1995	-9.75%	0.77%	3.55%	9.49%	9.61%	12.80%	10.88%	
113		Fidelity <sup>®</sup> VIP Equity-Income Portfolio - Initial Class	10/9/1986	-4.81%	-1.68%	2.43%	8.84%	7.39%	11.24%	9.00%	
341		Fidelity <sup>®</sup> VIP Freedom 2040 Portfolio - Initial Class	4/8/2009	-7.79%	-4.36%	-1.27%	7.48%	6.64%	-	12.44%	
342		Fidelity <sup>®</sup> VIP Growth Opportunities Portfolio - Initial Class	1/3/1995	-9.92%	14.66%	17.50%	15.83%	14.08%	17.47%	8.68%	
202		Fidelity <sup>®</sup> VIP Mid Cap Portfolio - Initial Class	12/28/1998	-9.93%	-4.24%	0.23%	8.18%	7.66%	12.79%	12.28%	
316		Invesco V.I. American Value Fund - Series I	1/2/1997	-10.99%	-4.08%	0.63%	4.69%	4.89%	11.53%	9.27%	
154		Invesco V.I. International Growth Fund - Series I	5/5/1993	-7.86%	-11.80%	-10.32%	2.06%	1.70%	7.54%	6.62%	
206		Janus Henderson VIT Enterprise Portfolio - Institutional Shares <sup>3</sup>	9/13/1993	-8.24%	5.85%	8.38%	14.40%	13.53%	16.40%	10.95%	
117		Janus Henderson VIT Global Research Portfolio - Institutional Shares	9/13/1993	-8.66%	-1.48%	1.91%	7.55%	6.89%	10.60%	8.07%	
195		LVIP SSgA International Index Fund - Standard Class	5/1/2008	-8.08%	-9.28%	-7.20%	3.38%	1.67%	6.30%	0.88%	
194	LVIP SSgA Mid-Cap Index Fund - Standard Class	9/2/2014	-9.58%	-3.08%	0.64%	9.46%	-	-	7.18%		
324	MFS <sup>®</sup> International Value Portfolio - Initial Class	10/2/1995	-8.38%	-6.70%	-3.95%	7.08%	6.47%	10.73%	8.33%		
125	MFS <sup>®</sup> Investors Trust Series - Initial Class	10/9/1995	-6.91%	0.70%	4.48%	9.86%	9.72%	11.80%	8.01%		
216	MFS <sup>®</sup> New Discovery Series - Initial Class	5/1/1998	-12.05%	6.26%	10.49%	13.18%	7.49%	16.04%	8.62%		
126	MFS <sup>®</sup> Research Series - Initial Class	7/26/1995	-7.49%	2.84%	5.75%	10.89%	10.22%	12.96%	8.22%		
207	Neuberger Berman AMT Mid Cap Growth Portfolio - Class I	11/3/1997	-11.45%	1.48%	5.11%	8.86%	8.64%	12.90%	9.03%		

Performance Data for Portfolios Available in New York Life Insurance and Annuity Corporation's  
Variable Universal Life Insurance Products<sup>1</sup>

**Average Annual Total Rates of Return: Updated Monthly Through October 31, 2018**

Fund Risk	ID	Registered Investment Division	Portfolio	Month	Year to	1 Year	3 Year	5 Year	10 Year	Since
			Inception Date <sup>2</sup>	End	Date					Inception
Highest	176	MainStay VP Cushing® Renaissance Advantage - Initial Class	5/1/2015	-13.07%	-14.27%	-4.17%	2.04%	-	-	-2.65%
	163	MainStay VP Emerging Markets Equity - Initial Class <sup>4</sup>	2/17/2012	-9.39%	-20.23%	-18.19%	4.41%	-2.76%	-	-2.29%
	158	MainStay VP VanEck Global Hard Assets - Initial Class	8/31/1989	-10.25%	-16.61%	-7.40%	0.29%	-8.52%	1.49%	5.47%
	172	American Funds® IS New World Fund® - Class 2	6/17/1999	-7.41%	-12.22%	-11.02%	5.83%	1.61%	7.64%	7.42%
	322	Delaware VIP® Emerging Markets Series - Standard Class	5/1/1997	-6.53%	-15.31%	-15.51%	8.98%	1.17%	8.41%	6.95%
	190	Fidelity® VIP Emerging Markets Portfolio - Initial Class	1/23/2008	-9.64%	-18.68%	-14.57%	6.24%	2.19%	7.85%	0.77%
	212	Morgan Stanely VIF U.S. Real Estate Portfolio - Class I	3/3/1997	-3.35%	-1.85%	3.38%	2.71%	6.73%	10.14%	9.27%

Fixed-income securities fluctuate in value in response to interest rate changes, with high-yield bonds being both speculative and potentially more volatile. Equity securities have been volatile historically. The securities of non-US issuers are subject to currency-fluctuation risks, risks of political and economic instability, and they can be volatile.

<sup>1</sup> VUL, VUL 2000, VUL Provider, SPVUL, SVUL, VUL Accumulator, VUL Accumulator Plus, VUL Accumulator II, SVUL Accumulator and Legacy Creator SPVUL.

<sup>2</sup> The Portfolio Inception Date is the date the underlying portfolio was established, not the date the portfolio was added as an Investment Division to the NYLIAC Separate Account.

<sup>3</sup> These funds are not available on NYLIAC Single Premium Variable Universal Life and New York Life Legacy Creator Single Premium Variable Universal Life products.

<sup>4</sup> Premiums or transfers will not be accepted into this Investment Division on or after 11/13/2017 if you did not have Cash Value in this Investment Division prior to 11/13/2017. If you remove all of your Cash Value from this Investment Division on or after 11/13/2017, you will not be allowed to reinvest in this Investment Division.

<sup>5</sup> Premiums or transfers will not be accepted into this Investment Division on or after 05/01/2018 if you did not have Cash Value in this Investment Division prior to 05/01/2018. If you remove all of your Cash Value from this Investment Division on or after 05/01/2018, you will not be allowed to reinvest in this Investment Division.



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SMRU # 464034 (exp. 02/05/2020)

Performance Data for Portfolios Available in New York Life Insurance and Annuity Corporation's  
Variable Universal Life Insurance Products<sup>1</sup>

**Average Annual Total Rates of Return: Updated Quarterly Through September 30, 2018**

Risk	Fund ID	Registered Investment Division	Portfolio Inception Date <sup>2</sup>	Month End	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Low	102	MainStay VP U.S. Government Money Market - Initial Class	1/29/1993	0.13%	0.93%	1.11%	0.46%	0.28%	0.17%	2.35%
	178	PIMCO VIT Low Duration Portfolio - Institutional Class	4/10/2000	0.17%	0.00%	-0.05%	1.11%	1.02%	3.10%	3.67%
Moderate	167	MainStay VP Absolute Return Multi-Strategy - Initial Class <sup>5</sup>	5/1/2013	0.88%	-4.69%	-4.69%	-1.54%	-4.56%	-	-2.75%
	145	MainStay VP Balanced - Initial Class	5/2/2005	-0.19%	2.74%	6.50%	8.43%	7.50%	8.71%	6.73%
	107	MainStay VP Bond - Initial Class	1/23/1984	-0.62%	-1.95%	-1.52%	1.59%	2.32%	4.01%	6.84%
	148	MainStay VP Conservative Allocation - Initial Class	2/13/2006	-0.30%	0.48%	3.06%	6.38%	4.92%	6.86%	5.79%
	144	MainStay VP Floating Rate - Initial Class	5/2/2005	0.65%	3.62%	4.72%	4.75%	3.75%	4.76%	3.92%
	106	MainStay VP Income Builder - Initial Class	1/29/1993	0.23%	-0.06%	2.61%	7.89%	6.39%	8.27%	7.20%
	186	MainStay VP Indexed Bond - Initial Class	5/1/2017	-0.64%	-2.03%	-1.81%	-	-	-	-0.45%
	159	MainStay VP Janus Henderson Balanced - Initial Class	9/13/1993	0.09%	8.19%	13.83%	11.83%	9.41%	9.97%	9.97%
	119	MainStay VP MacKay Convertible - Initial Class	10/1/1996	0.22%	10.38%	13.24%	12.71%	9.13%	10.52%	8.31%
	103	MainStay VP MacKay Government - Initial Class	1/29/1993	-0.67%	-1.67%	-1.78%	0.33%	1.26%	2.73%	4.47%
	110	MainStay VP MacKay High Yield Corporate Bond - Initial Class	5/1/1995	0.20%	2.14%	3.00%	7.55%	5.51%	8.00%	8.06%
	156	MainStay VP MacKay Unconstrained Bond - Initial Class	4/29/2011	0.36%	0.69%	1.48%	4.19%	3.07%	-	3.82%
	149	MainStay VP Moderate Allocation - Initial Class	2/13/2006	-0.21%	1.60%	5.36%	8.58%	6.30%	7.74%	6.35%
	162	MainStay VP PIMCO Real Return - Initial Class	9/30/1999	-1.01%	-1.26%	-0.09%	2.32%	1.00%	3.55%	5.53%
	191	American Funds IS <sup>®</sup> Asset Allocation Fund - Class 2	8/1/1989	0.13%	4.15%	7.35%	11.69%	8.64%	9.17%	7.33%
	157	BlackRock <sup>®</sup> Global Allocation V.I. Fund - Class III	11/18/2003	-0.47%	-0.10%	2.40%	6.65%	4.55%	5.90%	7.25%
	173	BlackRock <sup>®</sup> High Yield V.I. Fund - Class I	4/20/1982	0.44%	2.58%	3.03%	6.90%	5.04%	8.44%	8.84%
	177	Columbia Variable Portfolio Emerging Markets Bond - Class 1 <sup>3</sup>	4/30/2012	2.10%	-4.52%	-3.66%	6.56%	3.74%	-	3.36%
	179	DWS Alternative Asset Allocation VIP - Class A	2/2/2009	-0.31%	-3.88%	-1.86%	2.53%	1.47%	-	5.08%
	339	Fidelity <sup>®</sup> VIP Freedom 2020 Portfolio - Initial Class	4/26/2005	-0.36%	1.84%	5.11%	9.19%	6.72%	7.63%	6.55%
340	Fidelity <sup>®</sup> VIP Freedom 2030 Portfolio - Initial Class	4/26/2005	-0.27%	2.84%	7.06%	11.51%	8.24%	8.64%	7.29%	
171	PIMCO VIT International Bond Portfolio (US Dollar-Hedged) - Institutional Class	4/10/2000	-0.07%	1.70%	2.62%	3.97%	4.79%	6.55%	5.63%	
344	PIMCO VIT Total Return Portfolio - Institutional Class	4/10/2000	-0.52%	-1.51%	-1.43%	2.21%	2.26%	4.91%	5.44%	
High	164	MainStay VP Eagle Small Cap Growth - Initial Class	2/17/2012	-1.13%	16.02%	21.49%	18.32%	10.91%	-	11.72%
	121	MainStay VP Epoch U.S. Equity Yield - Initial Class	5/1/1998	0.16%	2.71%	8.31%	10.63%	7.91%	8.99%	5.74%
	124	MainStay VP Epoch U.S. Small Cap - Initial Class	5/1/1998	-2.52%	2.34%	9.00%	11.60%	8.95%	10.42%	5.93%
	151	MainStay VP Growth Allocation - Initial Class	2/13/2006	-0.28%	3.13%	9.14%	12.60%	8.54%	9.03%	6.89%
	122	MainStay VP Large Cap Growth - Initial Class	5/1/1998	1.36%	23.17%	30.39%	20.02%	15.73%	13.70%	8.33%
	108	MainStay VP MacKay Common Stock - Initial Class	1/23/1984	0.13%	10.53%	19.30%	16.48%	13.87%	11.51%	10.03%
	104	MainStay VP MacKay Growth - Initial Class <sup>4</sup>	1/29/1993	-0.14%	17.17%	28.00%	17.80%	13.13%	11.18%	7.91%
	109	MainStay VP MacKay International Equity - Initial Class	5/1/1995	-2.14%	3.45%	9.32%	11.83%	6.81%	6.14%	6.47%
	136	MainStay VP MacKay Mid Cap Core - Initial Class	7/2/2001	-0.78%	6.77%	14.52%	13.50%	11.62%	12.28%	9.36%
	105	MainStay VP MacKay S&P 500 Index - Initial Class	1/29/1993	0.56%	10.43%	17.71%	17.01%	13.64%	11.68%	9.49%
	180	MainStay VP MacKay Small Cap Core - Initial Class	5/2/2016	-3.03%	8.79%	12.85%	-	-	-	17.52%
	160	MainStay VP MFS <sup>®</sup> Utilities - Initial Class	1/3/1995	-0.86%	3.95%	4.25%	9.21%	6.03%	9.01%	11.19%
	150	MainStay VP Moderate Growth Allocation - Initial Class	2/13/2006	-0.21%	2.72%	7.62%	10.87%	7.60%	8.69%	6.88%
	161	MainStay VP T.Rowe Price Equity Income - Initial Class <sup>4</sup>	3/31/1994	-0.32%	3.46%	9.18%	14.76%	9.36%	9.31%	9.54%
	152	AB <sup>®</sup> VPS Small/Mid Cap Value Portfolio - Class A	5/2/2001	-1.71%	4.14%	10.46%	14.43%	10.66%	11.71%	10.70%
	188	American Funds IS <sup>®</sup> Blue Chip Income and Growth Fund - Class 2 <sup>3</sup>	7/5/2001	1.13%	5.28%	12.94%	15.81%	12.61%	10.77%	6.60%
	174	American Funds IS <sup>®</sup> Global Small Capitalization Fund <sup>SM</sup> - Class 2 <sup>3</sup>	4/30/1998	-0.87%	6.49%	11.97%	11.63%	8.17%	8.83%	9.50%
	187	American Funds IS <sup>®</sup> Growth Fund - Class 2 <sup>3</sup>	2/8/1984	0.17%	16.07%	23.16%	20.73%	15.40%	13.00%	11.30%
	185	ClearBridge Variable Appreciation Portfolio - Class I	10/16/1991	0.55%	9.51%	16.66%	15.49%	12.24%	10.98%	9.11%
	175	Columbia Variable Product Commodity Strategy Fund - Class 1 <sup>3</sup>	4/30/2013	1.57%	-3.67%	0.83%	-0.07%	-7.96%	-	-8.19%
	323	Delaware VIP <sup>®</sup> Small Cap Value Series - Standard Class	12/27/1993	-2.65%	2.65%	7.96%	15.53%	10.41%	11.50%	10.99%
	310	DWS Small Cap Index VIP - Class A	8/22/1997	-2.39%	11.36%	15.01%	16.85%	10.84%	10.85%	7.90%
	153	DWS Small Mid Cap Value VIP - Class A	5/1/1996	-2.17%	2.21%	4.61%	10.83%	8.78%	9.67%	8.75%
	138	Dreyfus IP Technology Growth Portfolio - Initial Shares	8/31/1999	0.15%	20.96%	29.62%	24.34%	17.63%	16.67%	5.98%
	115	Fidelity <sup>®</sup> VIP Contrafund <sup>®</sup> Portfolio - Initial Class	1/3/1995	0.73%	11.65%	16.94%	16.24%	12.77%	11.68%	11.40%
	113	Fidelity <sup>®</sup> VIP Equity-Income Portfolio - Initial Class	10/9/1986	-0.38%	3.28%	8.20%	12.89%	9.04%	9.48%	9.19%
	341	Fidelity <sup>®</sup> VIP Freedom 2040 Portfolio - Initial Class	4/8/2009	-0.18%	3.73%	8.64%	12.89%	9.05%	-	13.52%
	342	Fidelity <sup>®</sup> VIP Growth Opportunities Portfolio - Initial Class	1/3/1995	0.63%	27.29%	35.59%	23.30%	16.77%	16.52%	9.19%
	302	Fidelity <sup>®</sup> VIP Mid Cap Portfolio - Initial Class	12/28/1998	-0.55%	6.32%	12.93%	14.06%	10.73%	11.28%	12.93%
	316	Invesco V.I. American Value Fund - Series I	1/2/1997	-1.25%	7.77%	13.78%	10.75%	8.08%	10.21%	9.90%
	154	Invesco V.I. International Growth Fund - Series I	5/5/1993	0.72%	-4.28%	-1.28%	7.31%	3.96%	6.09%	6.99%
	206	Janus Henderson VIT Enterprise Portfolio - Institutional Shares <sup>3</sup>	9/13/1993	-0.32%	15.35%	21.95%	20.19%	15.92%	14.35%	11.37%
	117	Janus Henderson VIT Global Research Portfolio - Institutional Shares	9/13/1993	0.64%	7.86%	13.32%	13.32%	9.74%	9.12%	8.49%
	195	LVIP SSgA International Index Fund - Standard Class	5/1/2008	1.00%	-1.31%	2.46%	8.78%	4.04%	4.75%	1.71%
194	LVIP SSgA Mid-Cap Index Fund - Standard Class	9/2/2014	-1.14%	7.19%	13.78%	15.28%	-	-	10.01%	
324	MFS <sup>®</sup> International Value Portfolio - Initial Class	10/2/1995	-0.42%	1.83%	7.99%	12.40%	8.88%	9.82%	8.78%	
125	MFS <sup>®</sup> Investors Trust Series - Initial Class	10/9/1995	0.49%	8.17%	15.27%	15.14%	12.17%	10.76%	8.38%	
216	MFS <sup>®</sup> New Discovery Series - Initial Class	5/1/1998	-1.47%	20.81%	28.89%	19.49%	10.36%	14.19%	9.34%	
126	MFS <sup>®</sup> Research Series - Initial Class	7/26/1995	0.52%	11.17%	17.63%	16.52%	12.76%	11.61%	8.61%	
207	Neuberger Berman AMT Mid Cap Growth Portfolio - Class I	11/3/1997	-0.47%	14.61%	22.70%	14.62%	12.00%	11.98%	9.71%	

Performance Data for Portfolios Available in New York Life Insurance and Annuity Corporation's  
Variable Universal Life Insurance Products<sup>1</sup>

**Average Annual Total Rates of Return: Updated Quarterly Through September 30, 2018**

Risk	Fund ID	Registered Investment Division	Portfolio Inception Date <sup>2</sup>	Month End	Year to Date	1 Year	3 Year	5 Year	10 Year	Since Inception
Highest	176	MainStay VP Cushing® Renaissance Advantage - Initial Class <sup>3</sup>	5/1/2015	1.11%	-1.39%	9.96%	9.68%	-	-	1.35%
	163	MainStay VP Emerging Markets Equity - Initial Class <sup>4</sup>	2/17/2012	-1.97%	-11.96%	-6.68%	10.03%	-0.09%	-	-0.85%
	158	MainStay VP VanEck Global Hard Assets - Initial Class	8/31/1989	2.68%	-7.09%	1.54%	7.28%	-5.71%	-0.33%	5.87%
	172	American Funds® IS New World Fund® - Class 2	6/17/1999	-0.26%	-5.20%	-0.47%	10.95%	3.77%	5.96%	7.89%
	322	Delaware VIP® Emerging Markets Series - Standard Class	5/1/1997	1.44%	-9.40%	-6.10%	15.33%	3.36%	5.76%	7.32%
	190	Fidelity® VIP Emerging Markets Portfolio - Initial Class	1/23/2008	-1.87%	-10.00%	-2.37%	12.57%	5.33%	5.18%	1.73%
	212	Morgan Stanley VIF U.S. Real Estate Portfolio - Class I	3/3/1997	-2.98%	1.55%	5.44%	6.04%	8.23%	6.77%	9.48%

The risk levels of "Low", "Moderate", "High" and "Highest" are assigned by New York Life based on the 10-year Average Standard Deviation (ASDs) of the Lipper Category in which each Investment Division resides. The ASDs are then compared to 10-year Average Standard Deviations of Lipper benchmark categories assigned the Low, Moderate, High, and Highest risk designations. Risk levels are evaluated on at least an annual basis. Lipper is an independent mutual fund research firm.


<sup>1</sup> VUL, VUL 2000, VUL Provider, SPVUL, SVUL, VUL Accumulator, VUL Accumulator Plus, SVUL Accumulator and Legacy Creator SPVUL.

<sup>2</sup> The Portfolio Inception Date is the date the underlying portfolio was established, not the date the portfolio was added as an Investment Division to the NYLIAC Separate Account.

<sup>3</sup> These funds are not available on NYLIAC Single Premium Variable Universal Life and New York Life Legacy Creator Single Premium Variable Universal Life products.

<sup>4</sup> Premiums or transfers will not be accepted into this Investment Division on or after 11/13/2017 if you did not have Cash Value in this Investment Division prior to 11/13/2017. If you remove all of your Cash Value from this Investment Division on or after 11/13/2017, you will not be allowed to reinvest in this Investment Division.

<sup>5</sup> Premiums or transfers will not be accepted into this Investment Division on or after 05/01/2018 if you did not have Cash Value in this Investment Division prior to 05/01/2018. If you remove all of your Cash Value from this Investment Division on or after 05/01/2018, you will not be allowed to reinvest in this Investment Division.

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