

Commonwealth Horizon Variable Annuity

Sub-Account Performance Summary as of June 30, 2020



PERFORMANCE DATA QUOTED REPRESENTS PAST PERFORMANCE AND DOES NOT GUARANTEE FUTURE RESULTS. Performance results include reinvestment of all distributions at net value. The investment return and principal value of an investment will fluctuate so that underlying fund shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted.

This material is authorized for distribution only when accompanied or preceded by a prospectus for the annuity being offered. The prospectus contains Investment objectives, risks, fees, charges, expenses, and other information regarding the variable annuity contract and the underlying investments, which should be considered carefully before investing. You should read the prospectus carefully before investing money. A prospectus may be downloaded from <https://cwannuity.se2.com> or may be obtained by contacting Commonwealth Annuity at 800-457-8803.

Standardized Performance is calculated quarterly and reflect performance of a \$1,000 investment from the inception date of the sub-account, based on the underlying funds' performance (including total annual fund operating expenses) adjusted to reflect the charges and expenses of the Horizon Variable Annuity including mortality & expense risk charge of 0.60%, administrative charge of 0.15% and annual contract fee of \$30.

Standardized Performance as of 06/30/2020							
Investment Option	Sub-Account Inception Date	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Large Cap Equity							
Fidelity VIP Equity Income - Service Class 2	5/01/2010	(15.79)	(7.76)	(0.42)	1.44	7.38	5.01
Fidelity VIP II Contrafund - Service Class 2	5/01/2010	5.73	15.35	9.79	7.64	11.10	8.90
Fidelity VIP II Index 500 - Service Class 2	5/01/2010	(6.64)	3.29	6.74	6.86	10.97	8.85
Fidelity VIP III Growth Opp - Service Class 2	5/01/2010	17.98	31.45	25.50	17.42	18.33	15.86
Goldman Sachs VIT Equity Index - Service	9/01/2007	(6.68)	3.14	6.60	6.71	10.82	3.80
Goldman Sachs VIT Large Cap Value Fund - Service	9/01/2007	(18.66)	(11.95)	(3.40)	(1.53)	5.64	(0.83)
Goldman Sachs VIT Strategic Growth Fund - Service	9/01/2007	5.66	16.88	14.17	10.71	12.68	6.13
Goldman Sachs VIT U.S. Equity Insights Fund - Service	5/01/2010	(4.92)	2.94	5.24	5.93	11.12	8.79
Invesco V.I. American Franchise Fund - Series II	5/01/2010	8.05	20.08	12.78	10.50	13.27	10.52
Invesco V.I. Core Equity - Series II	5/01/2010	(9.16)	(0.70)	0.99	1.28	6.13	4.20
Janus Henderson Forty Portfolio – Service Shares	5/01/2010	7.27	18.86	15.46	12.75	13.48	11.02
Mid Cap Equity							
AB VPS Small/Mid Cap Value Portfolio - Class B	5/01/2010	(26.71)	(23.00)	(8.30)	(3.32)	5.37	2.61
Fidelity VIP III Mid-Cap - Service Class 2	7/17/2009	(15.97)	(11.93)	(3.12)	(0.69)	5.71	7.00
Goldman Sachs VIT Growth Opportunities - Service	5/01/2010	6.14	12.78	12.26	7.26	11.01	9.06
Goldman Sachs VIT Mid Cap Value - Service	7/17/2009	(19.87)	(12.93)	(2.27)	(1.65)	6.31	7.51
Invesco V.I. Mid Cap Core Equity Fund - Series II	6/02/2014	(14.70)	(7.53)	(2.21)	(0.46)	-	(0.92)
Janus Henderson Enterprise Portfolio – Service Shares	5/01/2010	(10.37)	(4.34)	8.14	8.49	12.72	10.74
Janus Henderson Mid Cap Value Portfolio - Service Shares	9/01/2007	(21.73)	(14.60)	(4.09)	0.32	4.78	1.62
Pioneer Mid-Cap Value VCT Portfolio - Class II	5/01/2010	(21.48)	(15.86)	(6.26)	(2.74)	4.48	2.28
Pioneer Select Mid Cap Growth VCT Portfolio - Class I	5/01/2010	(0.75)	3.89	10.44	7.29	10.79	8.66
Small Cap Equity							
AB VPS Small Cap Growth - Class B ¹	5/01/2010	7.57	11.76	16.48	10.03	14.79	12.45
Fidelity VIP Disciplined Small Cap - Service Class 2	5/01/2010	(18.30)	(13.49)	(4.73)	(1.84)	7.07	4.81
FTVIP Franklin Small Cap Value Fund - CL 2	7/17/2009	(21.69)	(11.62)	(3.93)	(0.18)	6.82	7.59
Goldman Sachs VIT Small Cap Equity Insights - Service	9/01/2007	(19.30)	(13.60)	(1.91)	0.53	7.87	2.20
MFS VIT New Discovery - Service Class	7/17/2009	1.71	9.34	15.09	8.77	11.26	13.13
Invesco Oppenheimer V.I. Main Street Small Cap Fund - CL 2	5/01/2010	(14.78)	(7.16)	(1.53)	0.35	8.37	6.25
International/Global Equity							
AB VPS International Value - Class B	5/01/2010	(21.70)	(16.06)	(11.12)	(7.01)	(1.21)	(3.89)
Fidelity VIP Overseas Portfolio - Service Class 2	5/01/2010	(8.21)	(1.51)	0.36	(0.16)	4.27	2.17
FTVIP Franklin Mutual Global Discovery Fund - CL 2	5/01/2010	(24.49)	(18.15)	(7.47)	(3.99)	2.74	1.36
FTVIP Templeton Growth Fund - CL 2	5/01/2010	(16.85)	(10.93)	(7.08)	(3.47)	3.03	0.95
Goldman Sachs Dynamic Global Equity Fund - Class A ²	9/01/2007	(11.47)	(4.06)	1.12	2.33	6.12	(0.95)
Goldman Sachs VIT International Equity Insights - Service	9/01/2007	(15.00)	(10.53)	(5.42)	(4.15)	1.64	(5.59)
Invesco Oppenheimer V.I. Global Fund - CL 2	5/01/2010	(5.30)	2.47	4.71	3.67	8.11	6.08
Specialty/Sector Funds							
Goldman Sachs International Real Estate Security - Class A ²	5/01/2010	(20.11)	(15.18)	(3.45)	(3.27)	2.04	0.27
Goldman Sachs Real Estate Security - Class A ²	5/01/2010	(20.64)	(15.60)	(3.62)	(0.56)	5.59	4.01
Goldman Sachs Technology Opportunities Fund - Class A ²	5/01/2010	15.15	26.19	20.67	17.21	14.92	12.97
Invesco V.I. Health Care Fund - Series II	5/01/2010	(6.10)	7.60	5.62	0.07	9.88	8.20
MFS VIT Utilities - Service Class	5/01/2010	(13.18)	(6.59)	2.11	0.75	6.71	5.28
Fixed Income							
AB VPS Intermediate Bond - Class B	5/01/2010	(0.65)	1.03	(0.37)	(0.41)	(0.21)	(0.45)
Fidelity VIP Strategic Income - Service Class 2	7/17/2009	(4.35)	(2.29)	(0.75)	(0.09)	0.84	2.03
Goldman Sachs VIT Core Fixed Income - Service	9/01/2007	3.58	5.53	1.40	0.39	0.24	0.50
Goldman Sachs VIT High Quality Floating Rate - Service	9/01/2007	(3.50)	(3.09)	(2.48)	(2.88)	(2.56)	(1.23)
Invesco Oppenheimer V.I. Global Strategic Income Fund - CL 2	5/01/2010	(8.42)	(6.72)	(3.05)	(2.15)	(0.17)	(0.63)

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Standardized Performance as of 06/30/2020

Investment Option	Sub-Account Inception Date	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Asset Allocation							
Fidelity VIP Freedom 2005 Portfolio - Service Class 2	5/01/2010	(1.13)	2.68	1.70	1.19	2.76	1.66
Fidelity VIP Freedom 2010 Portfolio - Service Class 2	5/01/2010	(1.90)	2.52	2.04	1.61	3.88	2.71
Fidelity VIP Freedom 2015 Portfolio - Service Class 2	5/01/2010	(2.68)	2.45	2.35	2.01	4.32	3.10
Fidelity VIP Freedom 2020 Portfolio - Service Class 2	5/01/2010	(3.41)	2.29	2.57	2.31	5.03	3.60
Fidelity VIP Freedom 2025 Portfolio - Service Class 2	5/01/2010	(3.95)	2.20	2.80	2.53	5.93	4.33
Fidelity VIP Freedom 2030 Portfolio - Service Class 2	5/01/2010	(4.87)	1.96	3.17	3.00	6.53	4.80
Fidelity VIP Freedom 2035 Portfolio - Service Class 2	5/01/2010	(6.53)	1.18	3.20	3.22	7.14	5.27
Fidelity VIP Freedom 2040 Portfolio - Service Class 2	5/01/2010	(7.34)	0.65	3.01	3.11	7.17	5.27
Fidelity VIP Freedom 2045 Portfolio - Service Class 2	5/01/2010	(7.38)	0.62	2.99	3.11	7.30	5.36
Fidelity VIP Freedom 2050 Portfolio - Service Class 2	5/01/2010	(7.36)	0.61	2.99	3.11	7.42	5.39
Fidelity VIP Freedom Income Portfolio - Service Class 2	7/17/2009	(0.59)	2.68	1.28	0.66	0.95	1.45
FTVIP Franklin Income Fund - CL 2	5/01/2010	(14.69)	(11.10)	(2.50)	(0.74)	2.71	1.72
FTVIP Franklin Mutual Shares Fund - CL 2	5/01/2010	(24.51)	(18.43)	(7.14)	(3.16)	3.66	2.06
Goldman Sachs Balanced Strategy - Class A ²	9/01/2007	(3.59)	0.54	0.40	0.50	1.64	(0.57)
Goldman Sachs Growth & Income Strategy - Class A ²	9/01/2007	(5.94)	(0.38)	0.62	1.05	3.20	(0.91)
Goldman Sachs Growth Strategy - Class A ²	9/01/2007	(7.99)	(1.37)	0.93	1.63	4.61	(1.32)
Goldman Sachs VIT Global Trends Allocation Fund - Service	5/22/2012	(8.64)	(4.47)	(0.88)	(1.41)	-	0.44
Invesco Oppenheimer V.I. Conservative Balanced Fund - CL 2	5/01/2010	0.65	5.23	2.24	1.79	4.61	3.26
Money Market							
Goldman Sachs VIT Government Money Market - Service	9/01/2007	(3.11)	(2.68)	(2.52)	(3.15)	(3.97)	(3.92)
7-Day Current Yield -0.73%							
7-Day SEC Effective Yield†: -0.73%							
		An investment in a Money Market Fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although the portfolio seeks to preserve the value of your investment at \$1.00 per share (unit), it is possible to lose money by investing in the fund.					

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Since inception returns are cumulative for investment options in existence for less than one year. Total return includes capital appreciation (depreciation), realized gains (losses), plus dividends or interest income.

Variable annuities are long term vehicles designed for retirement purposes. Withdrawals or surrenders may be subject to surrender charges. Amounts withdrawn may be subject to ordinary income tax, and if taken prior to 59½, a 10% IRS penalty may also apply. Withdrawals have the effect of reducing the death benefit, any living benefits and cash surrender value. Variable annuities are sold by prospectus. Please refer to the appropriate prospectus for more complete information, including fees, limitations, age restrictions and risk factors that may apply. **You should read the prospectus carefully before purchasing a contract.**

Investing in an annuity through a tax-advantaged retirement plan such as an IRA provides no additional tax advantage from the annuity, and should only be considered if it makes sense because of the annuity's other features, such as lifetime income payments or death benefit protection.

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The investment options listed have certain associated risks. For more information about these risks, and to learn more about each investment option's investment objective, charges and expenses, please refer to the prospectus.

¹Effective January 31, 2013, the AllianceBernstein VPS Small Cap Growth Portfolio is closed to new and subsequent Premium Payments and transfers of Contract Value.

²This sub-account invests in a publicly available fund, and is only available as an investment option for Qualified Contracts.

† The 7-Day SEC Effective Yield more closely reflects current earnings of the Goldman Sachs VIT Government Money Market (Class S).

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