

**John Hancock Corporate Variable Universal Life Monthly Performance Summary**  
**Average Annual Total Returns net of all Investment Division fees as of February 28, 2023.**

Following is a listing of the current separate accounts.

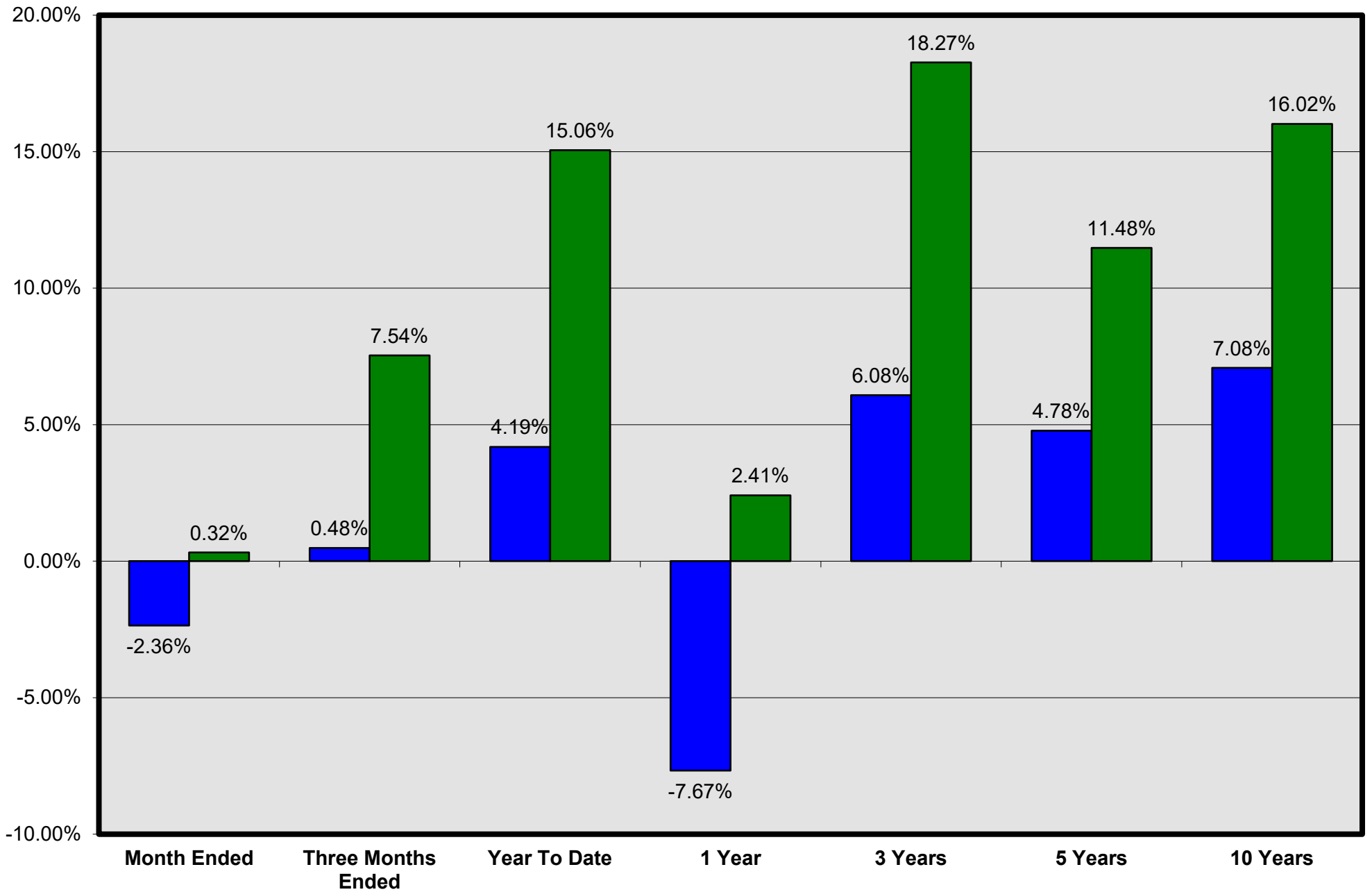
The full John Hancock Performance Update of monthly and quarterly performance may be accessed at:

[http://www.valleyviewconsultants.com/Issuers/JH\\_SA\\_Performance.pdf](http://www.valleyviewconsultants.com/Issuers/JH_SA_Performance.pdf)

Acct #	Investment Division	Morningstar Category	Portfolio Inception Date	Month Ended 2/28/2023	Three Months Ended 2/28/2023	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Portfolio Inception
1	Emerging Markets Value	Aggressive	4/30/2007	-4.76%	-0.66%	1.58%	-10.75%	6.28%	-0.86%	1.46%	2.27%
2	Real Estate Securities	Aggressive	4/30/1987	-4.47%	-0.49%	5.03%	-16.19%	3.79%	7.66%	6.85%	9.41%
7	International Small Company	Aggressive	11/13/2009	-2.92%	4.59%	5.04%	-7.99%	6.69%	0.73%	5.42%	3.72%
8	Small Cap Opportunities	Aggressive	5/5/2003	-1.81%	2.26%	8.52%	1.25%	18.27%	9.12%	9.76%	9.51%
4	International Equity Index [ 10]	Aggressive	5/2/1988	-4.40%	1.56%	3.99%	-7.52%	4.73%	1.57%	3.84%	5.41%
13	Small Cap Index	Aggressive	5/1/2000	-1.73%	0.73%	7.85%	-6.26%	9.76%	5.65%	8.77%	6.80%
9	Science & Technology	Aggressive	1/1/1997	-2.17%	7.54%	15.06%	-13.75%	8.33%	9.72%	16.02%	8.07%
12	Financial Industries	Aggressive	4/30/2001	-1.19%	-2.60%	4.04%	-10.40%	10.30%	5.55%	9.15%	5.80%
16	International Value	Aggressive	5/1/1999	-1.49%	5.15%	6.52%	1.61%	11.18%	2.91%	4.17%	4.15%
76	American Global Growth	Aggressive	11/8/2010	-3.17%	1.14%	4.74%	-9.05%	8.14%	6.66%	9.84%	7.66%
14	Mid Cap Stock	Aggressive	5/1/1999	-3.39%	-0.99%	4.59%	-19.31%	6.21%	8.27%	11.16%	7.53%
18	American International	Aggressive	5/5/2003	-4.09%	0.48%	4.66%	-9.37%	0.71%	-0.73%	3.71%	6.60%
17	Small Cap Growth[ 10]	Aggressive	5/1/1996	-1.43%	-1.79%	5.57%	-17.05%	6.39%	7.36%	9.55%	6.67%
50	Fundamental All Cap Core	Aggressive	5/5/2003	-2.14%	3.19%	10.40%	-8.12%	14.90%	10.08%	12.80%	10.28%
22	Health Sciences	Aggressive	4/30/2001	-4.90%	-6.75%	-4.01%	-3.53%	8.37%	8.23%	13.66%	11.58%
26	Small Company Value	Growth	10/1/1997	-1.66%	0.75%	8.36%	-4.90%	10.48%	6.17%	8.25%	7.72%
25	Small Cap Value[ 10]	Growth	8/30/1999	-1.70%	2.05%	7.83%	-1.22%	10.98%	5.68%	7.77%	10.73%
28	Mid Cap Index	Growth	5/1/2000	-1.82%	1.25%	7.23%	-0.95%	14.07%	8.17%	10.26%	8.67%
29	American Growth	Growth	5/5/2003	-1.75%	1.17%	8.74%	-13.23%	12.72%	11.48%	13.68%	10.77%
35	Mid Value[ 10]	Growth	5/1/1998	-2.30%	3.01%	7.82%	2.41%	16.27%	8.66%	10.50%	8.73%
39	Global	Growth	3/18/1988	-2.91%	-1.23%	2.93%	-6.00%	8.00%	2.40%	5.36%	5.95%
33	Blue Chip Growth	Growth	12/11/1992	-1.81%	-0.96%	7.56%	-21.82%	2.85%	4.92%	11.97%	8.63%
36	Mid Value[ 10]	Growth	5/1/1998	-2.30%	3.01%	7.82%	2.41%	16.27%	8.66%	10.50%	8.73%
20	Total Stock Market Index	Growth	5/1/2000	-2.33%	-1.76%	4.51%	-9.12%	11.15%	8.75%	11.20%	6.26%
30	Capital Appreciation	Growth	11/1/2000	-1.63%	-0.27%	9.01%	-18.21%	7.63%	8.51%	13.54%	6.31%
51	500 Index	Growth and Income	5/1/1996	-2.47%	-2.36%	3.64%	-7.93%	11.87%	9.54%	11.97%	8.71%
34	Equity Income	Growth and Income	2/19/1993	-3.63%	-2.50%	1.74%	-2.65%	12.71%	7.34%	9.18%	8.81%
52	American Growth-Income	Growth and Income	5/5/2003	-2.46%	-0.96%	3.10%	-7.04%	9.44%	7.24%	10.89%	8.76%
49	American Asset Allocation	Growth and Income	4/28/2008	-3.40%	-2.20%	0.83%	-7.98%	5.53%	5.01%	7.30%	6.34%
23	Capital Appreciation Value	Growth and Income	4/28/2008	-1.98%	-0.28%	2.93%	-4.80%	9.08%	9.30%	10.45%	9.05%
38	PIMCO VIT All Asset Portfolio	Growth and Income	5/3/2004	-3.01%	0.36%	2.04%	-7.42%	5.63%	3.37%	3.07%	4.82%
56	High Yield	Income	1/1/1997	-1.13%	2.59%	3.32%	-7.15%	0.68%	2.56%	3.20%	4.77%
63	Strategic Income Opportunities	Income	5/3/2004	-2.24%	0.58%	0.82%	-6.23%	-0.19%	1.01%	2.32%	4.86%
64	Active Bond	Income	3/29/1986	-2.51%	0.62%	1.12%	-9.78%	-2.98%	0.87%	1.84%	5.80%
65	Investment Quality Bond	Income	6/18/1985	-2.52%	0.65%	1.09%	-10.44%	-3.38%	0.61%	1.25%	5.30%
68	Total Bond Market [ 10]	Income	4/30/1998	-2.54%	-0.11%	0.57%	-10.11%	-4.02%	0.26%	0.87%	3.74%
77	Bond	Income	10/28/2011	-2.27%	0.87%	1.40%	-9.99%	-3.26%	0.77%	1.29%	1.78%
79	Core Bond	Income	4/29/2005	-2.55%	0.27%	0.82%	-9.94%	-3.60%	0.43%	1.03%	3.14%
69	Short Term Government Income	Income	4/30/2010	-1.36%	-0.28%	-0.18%	-5.17%	-2.20%	0.04%	0.17%	0.78%
60	Ultra Short Term Bond	Income	11/8/2010	0.00%	0.92%	0.64%	0.30%	0.12%	1.09%	0.68%	0.61%
70	Money Market[ 12]	Conservative	3/29/1986	0.32%	0.97%	0.66%	2.01%	0.70%	1.14%	N/A	0.96%
72	Lifestyle Growth	Lifestyle	1/7/1997	-2.50%	0.15%	3.65%	-7.06%	6.10%	5.22%	N/A	6.16%
73	Managed Volatility Balanced	Lifestyle	1/7/1997	-1.92%	0.57%	1.89%	-8.16%	0.11%	1.70%	3.85%	5.07%
74	Managed Volatility Moderate	Lifestyle	1/7/1997	-1.90%	0.67%	1.77%	-8.68%	-0.44%	1.69%	3.68%	5.17%
75	Managed Volatility Conservative	Lifestyle	1/7/1997	-1.81%	0.90%	1.24%	-9.88%	-2.80%	0.71%	2.26%	4.73%

Funds per Reporting Period:	45	45	45	45	45	45	43
Fund Average Rate of Return:	-2.36%	0.48%	4.19%	-7.67%	6.08%	4.78%	7.08%
Leading Fund Rate of Return:	0.32%	7.54%	15.06%	2.41%	18.27%	11.48%	16.02%
Index - Standard & Poor's 500 (Total Return):	-2.44%	-2.28%	3.69%	-7.69%	12.15%	9.82%	12.25%

## Rate of Return (RoR) by Reporting Period



■ Average RoR:

■ Leading Fund RoR: