

John Hancock Corporate Variable Universal Life Monthly Performance Summary
Average Annual Total Returns net of all Investment Division fees as of January 31, 2019.

Following is a listing of the current separate accounts.

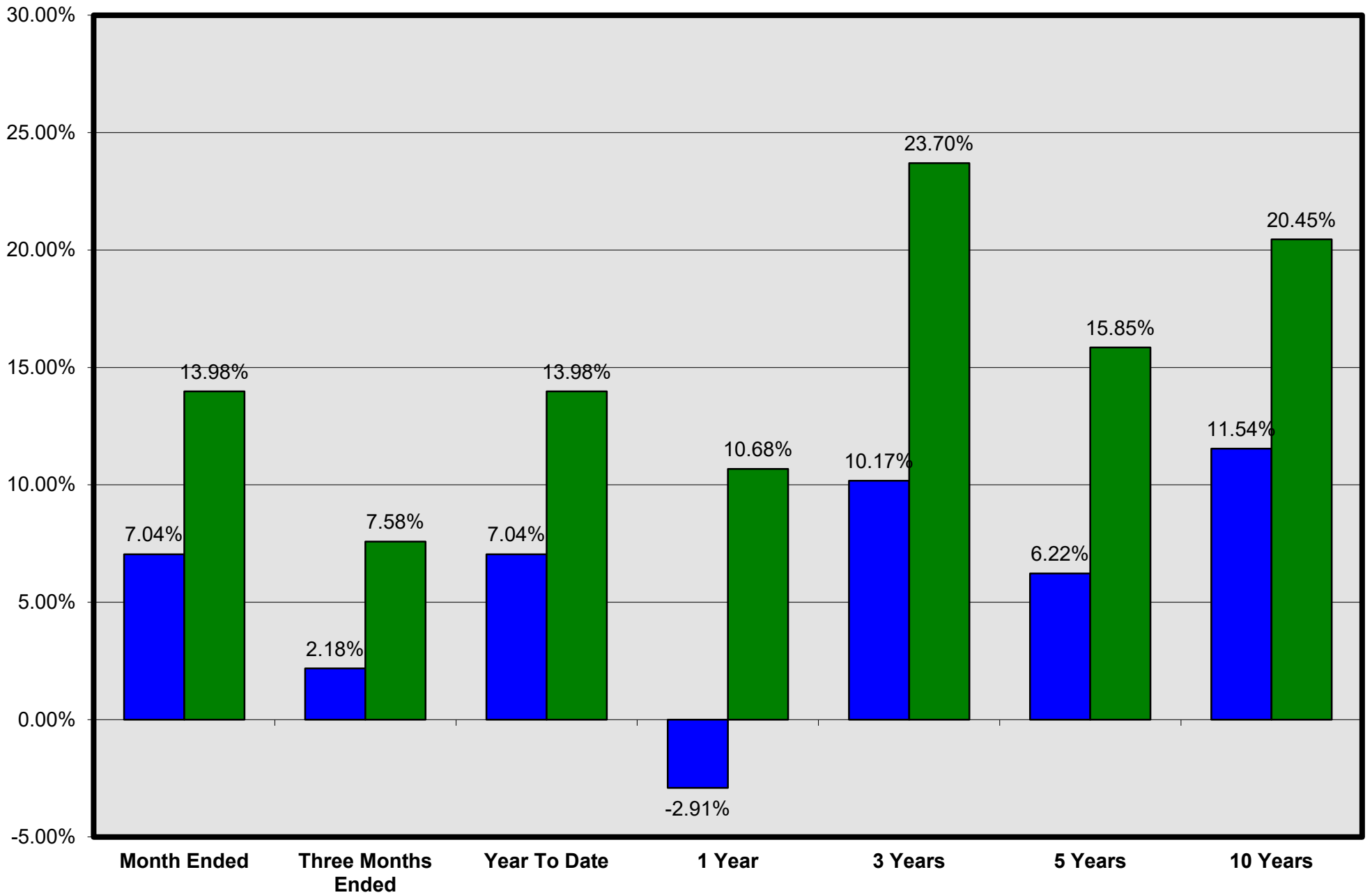
The full John Hancock Performance Update of monthly and quarterly performance may be accessed at:

http://www.valleyviewconsultants.com/Issuers/JH_SA_Performance.pdf

Acct #	Investment Division	Morningstar Category	Portfolio Inception Date	Month Ended 1/31/2019	Three Months Ended 1/31/2019	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Portfolio Inception
1	Emerging Markets Value	Aggressive	4/30/2007	7.17%	7.04%	7.17%	-14.82%	15.49%	3.63%	9.68%	2.47%
2	Real Estate Securities	Aggressive	4/30/1987	11.39%	7.58%	11.39%	10.68%	7.88%	9.63%	15.74%	10.02%
7	International Small Company	Aggressive	11/13/2009	7.96%	-0.44%	7.96%	-17.74%	7.94%	3.47%	10.64%	3.42%
8	Small Cap Opportunities	Aggressive	5/5/2003	11.47%	-0.84%	11.47%	-6.42%	11.03%	5.37%	14.43%	8.88%
5	International Growth Stock	Aggressive	11/2/2012	7.93%	4.67%	7.93%	-11.96%	5.34%	2.85%		4.95%
4	International Equity Index [10]	Aggressive	5/2/1988	7.78%	3.89%	7.78%	-12.45%	9.25%	3.13%	8.34%	5.60%
13	Small Cap Index	Aggressive	5/1/2000	11.21%	-0.50%	11.21%	-3.87%	14.45%	7.03%	14.25%	6.76%
9	Science & Technology	Aggressive	1/1/1997	13.45%	5.79%	13.45%	2.81%	23.70%	15.85%	20.45%	7.50%
12	Financial Industries	Aggressive	4/30/2001	9.76%	-1.88%	9.76%	-11.47%	12.94%	7.61%	13.26%	5.04%
16	International Value	Aggressive	5/1/1999	7.66%	2.71%	7.66%	-11.98%	9.18%	0.47%	7.76%	3.90%
76	American Global Growth	Aggressive	11/8/2010	8.99%	3.35%	8.99%	-8.50%	11.78%	8.08%	7.36%	6.94%
14	Mid Cap Stock	Aggressive	5/1/1999	13.81%	6.37%	13.81%	5.39%	18.06%	10.36%	15.67%	7.36%
18	American International	Aggressive	5/5/2003	7.59%	4.28%	7.59%	-12.03%	10.62%	4.03%	9.25%	8.07%
17	Small Cap Growth[10]	Aggressive	5/1/1996	13.60%	2.96%	13.60%	2.95%	16.69%	6.77%	14.32%	6.47%
50	Fundamental All Cap Core	Aggressive	5/5/2003	13.98%	1.07%	13.98%	-5.36%	15.05%	9.90%	15.68%	9.51%
22	Health Sciences	Aggressive	4/30/2001	11.62%	3.68%	11.62%	3.69%	14.13%	12.55%	20.33%	12.44%
26	Small Company Value	Growth	10/1/1997	9.90%	-1.46%	9.90%	-4.87%	14.41%	6.82%	13.31%	7.73%
25	Small Cap Value[10]	Growth	8/30/1999	9.97%	-0.11%	9.97%	-4.61%	8.83%	6.11%	14.44%	11.55%
28	Mid Cap Index	Growth	5/1/2000	10.41%	0.92%	10.41%	-4.92%	13.04%	8.20%	15.24%	8.33%
29	American Growth	Growth	5/5/2003	9.37%	2.40%	9.37%	0.34%	17.81%	12.29%	16.07%	10.12%
35	Mid Value[10]	Growth	5/1/1998	7.64%	-1.31%	7.64%	-7.08%	11.59%	7.94%	14.58%	8.19%
39	Global	Growth	3/18/1988	8.18%	-0.86%	8.18%	-12.24%	9.24%	2.78%	9.95%	6.08%
33	Blue Chip Growth	Growth	12/11/1992	11.11%	4.94%	11.11%	2.43%	19.53%	14.11%	18.64%	9.20%
36	Mid Value[10]	Growth	5/1/1998	7.64%	-1.31%	7.64%	-7.08%	11.59%	7.94%	14.58%	8.19%
20	Total Stock Market Index	Growth	5/1/2000	8.81%	0.54%	8.81%	-2.53%	13.89%	9.75%	14.68%	5.36%
30	Capital Appreciation	Growth	11/1/2000	10.24%	2.46%	10.24%	-0.34%	17.39%	12.84%	16.62%	5.48%
51	500 Index	Growth and Income	5/1/1996	7.99%	0.20%	7.99%	-2.60%	13.73%	10.68%	14.74%	8.22%
34	Equity Income	Growth and Income	2/19/1993	7.22%	-0.37%	7.22%	-7.50%	12.33%	7.05%	12.87%	8.64%
31	Utilities	Growth and Income	4/30/2001	6.03%	5.33%	6.03%	5.82%	11.51%	5.67%	11.61%	7.31%
52	American Growth-Income	Growth and Income	5/5/2003	7.12%	1.16%	7.12%	-2.23%	14.64%	10.14%	14.20%	8.77%
49	American Asset Allocation	Growth and Income	4/28/2008	5.32%	1.56%	5.32%	-3.36%	9.42%	6.56%	10.91%	6.37%
23	Capital Appreciation Value	Growth and Income	4/28/2008	7.07%	4.39%	7.07%	3.73%	11.32%	9.85%	13.42%	8.77%
38	PIMCO VIT All Asset Portfolio	Growth and Income	5/3/2004	4.45%	4.10%	4.45%	-3.66%	8.42%	2.96%	6.53%	4.93%
56	High Yield	Income	1/1/1997	5.24%	1.13%	5.24%	1.48%	9.54%	3.18%	9.99%	5.19%
59	Global Bond	Income	3/18/1988	1.63%	2.54%	1.63%	-1.82%	3.52%	1.82%	4.75%	5.85%
63	Strategic Income Opportunities	Income	5/3/2004	3.44%	2.14%	3.44%	-2.51%	3.12%	2.91%	7.32%	5.78%
64	Active Bond	Income	3/29/1986	1.41%	3.00%	1.41%	1.70%	3.14%	3.11%	6.87%	6.49%
65	Investment Quality Bond	Income	6/18/1985	1.41%	3.02%	1.41%	1.73%	2.95%	2.52%	4.84%	5.95%
68	Total Bond Market [10]	Income	4/30/1998	1.02%	3.32%	1.02%	1.98%	1.71%	2.22%	3.53%	4.57%
77	Bond	Income	10/28/2011	1.16%	3.07%	1.16%	1.76%	2.20%	2.39%		2.63%
79	Core Bond	Income	4/29/2005	1.11%	3.34%	1.11%	1.65%	1.80%	2.29%	4.17%	4.13%
69	Short Term Government Income	Income	4/30/2010	0.34%	1.78%	0.34%	1.82%	0.52%	0.78%	1.26%	1.27%
60	Ultra Short Term Bond	Income	11/8/2010	0.44%	0.84%	0.44%	1.89%	1.05%	0.64%		0.48%
70	Money Market[12]	Conservative	3/29/1986	0.18%	0.52%	0.18%	1.69%				0.88%
72	Lifestyle Growth	Lifestyle	1/7/1997	5.79%	1.37%	5.79%	-3.86%	8.69%	6.09%		5.81%
73	Managed Volatility Balanced	Lifestyle	1/7/1997	4.17%	1.40%	4.17%	-3.45%	6.74%	4.16%	8.86%	5.59%
74	Managed Volatility Moderate	Lifestyle	1/7/1997	3.96%	1.83%	3.96%	-2.11%	6.30%	4.26%	8.32%	5.76%
75	Managed Volatility Conservative	Lifestyle	1/7/1997	3.01%	2.85%	3.01%	0.12%	4.61%	3.57%	6.63%	5.54%

Funds per Reporting Period:	48	48	48	48	47	47	43
Fund Average Rate of Return:	7.04%	2.18%	7.04%	-2.91%	10.17%	6.22%	11.54%
Leading Fund Rate of Return:	13.98%	7.58%	13.98%	10.68%	23.70%	15.85%	20.45%
Index - Standard & Poor's 500 (Total Return):	8.01%	0.26%	8.01%	-2.31%	14.02%	10.96%	15.00%

Rate of Return (RoR) by Reporting Period



■ Average RoR:

■ Leading Fund RoR: