

John Hancock Corporate Variable Universal Life Monthly Performance Summary
Average Annual Total Returns net of all Investment Division fees as of September 30, 2018.

Following is a listing of the current separate accounts.

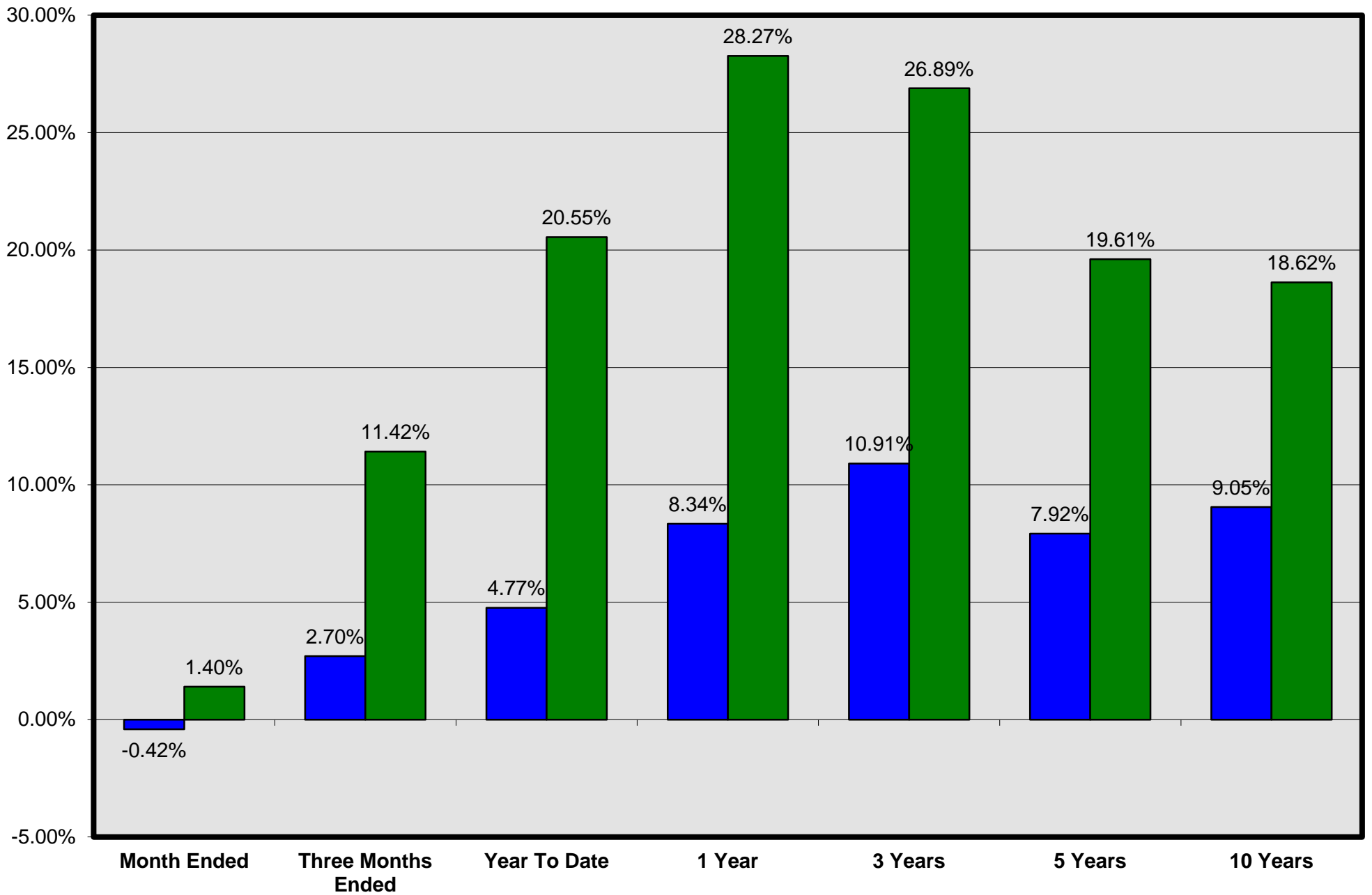
The full John Hancock Performance Update of monthly and quarterly performance may be accessed at:

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

Acct #	Investment Division	Morningstar Category	Portfolio Inception Date	Month Ended 9/30/2018	Three Months Ended 9/30/2018	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Portfolio Inception
1	Emerging Markets Value	Aggressive	4/30/2007	0.10%	2.13%	-5.37%	1.88%	13.57%	2.88%	5.49%	2.72%
2	Real Estate Securities	Aggressive	4/30/1987	-2.48%	0.94%	2.07%	4.52%	7.87%	9.17%	7.39%	9.95%
7	International Small Company	Aggressive	11/13/2009	-0.59%	-1.50%	-4.10%	0.03%	11.23%	6.65%	8.08%	4.40%
8	Small Cap Opportunities	Aggressive	5/5/2003	-2.73%	2.52%	7.83%	11.76%	13.69%	8.99%	11.00%	9.91%
5	International Growth Stock	Aggressive	11/2/2012	0.77%	1.64%	-4.39%	-1.86%	6.66%	3.59%		5.86%
4	International Equity Index [10]	Aggressive	5/2/1988	0.45%	0.71%	-3.01%	1.36%	9.68%	3.98%	4.93%	5.83%
13	Small Cap Index	Aggressive	5/1/2000	-2.43%	3.51%	11.23%	14.83%	16.85%	10.84%	10.87%	7.59%
9	Science & Technology	Aggressive	1/1/1997	-1.78%	4.40%	19.58%	28.27%	26.89%	19.61%	17.38%	7.92%
12	Financial Industries	Aggressive	4/30/2001	-2.18%	3.49%	3.28%	7.17%	13.82%	10.76%	9.32%	5.71%
16	International Value	Aggressive	5/1/1999	1.40%	0.67%	-2.73%	-0.40%	8.97%	2.07%	4.56%	4.30%
76	American Global Growth	Aggressive	11/8/2010	-0.80%	3.01%	5.95%	10.82%	14.17%	10.52%	8.12%	7.81%
14	Mid Cap Stock	Aggressive	5/1/1999	-0.51%	7.01%	20.55%	26.88%	17.96%	13.56%	12.31%	7.90%
18	American International	Aggressive	5/5/2003	-0.48%	-2.10%	-2.41%	2.24%	10.79%	5.67%	6.04%	8.58%
17	Small Cap Growth[10]	Aggressive	5/1/1996	-0.85%	8.21%	20.46%	26.64%	16.86%	10.75%	11.57%	7.11%
50	Fundamental All Cap Core	Aggressive	5/5/2003	-3.52%	3.40%	7.19%	14.10%	15.95%	13.64%	12.48%	10.31%
22	Health Sciences	Aggressive	4/30/2001	1.13%	11.42%	19.98%	21.90%	13.73%	17.24%	18.62%	13.12%
26	Small Company Value	Growth	10/1/1997	-1.91%	4.42%	7.93%	11.69%	17.72%	10.36%	10.24%	8.48%
25	Small Cap Value[10]	Growth	8/30/1999	-1.89%	3.94%	7.85%	10.92%	13.10%	9.56%	10.95%	12.44%
28	Mid Cap Index	Growth	5/1/2000	-1.12%	3.78%	7.17%	13.79%	15.21%	11.48%	12.06%	9.03%
29	American Growth	Growth	5/5/2003	0.10%	5.57%	15.72%	22.69%	20.29%	14.98%	12.58%	10.81%
35	Mid Value[10]	Growth	5/1/1998	-0.45%	1.18%	4.52%	9.86%	14.33%	11.03%	11.62%	8.77%
39	Global	Growth	3/18/1988	0.92%	2.96%	0.84%	4.13%	10.84%	5.39%	7.42%	6.45%
33	Blue Chip Growth	Growth	12/11/1992	0.33%	6.44%	18.97%	27.28%	21.58%	17.46%	15.45%	9.53%
36	Mid Value[10]	Growth	5/1/1998	-0.45%	1.18%	4.52%	9.86%	14.33%	11.03%	11.62%	8.77%
20	Total Stock Market Index	Growth	5/1/2000	0.04%	6.93%	10.33%	17.21%	16.54%	12.78%	11.60%	5.88%
30	Capital Appreciation	Growth	11/1/2000	0.69%	6.65%	18.50%	26.71%	20.17%	16.99%	14.69%	6.05%
51	500 Index	Growth and Income	5/1/1996	0.55%	7.62%	10.33%	17.60%	17.00%	13.66%	11.70%	8.68%
34	Equity Income	Growth and Income	2/19/1993	-0.32%	3.69%	3.28%	9.00%	14.81%	9.35%	9.38%	9.02%
37	Alpha Opportunities	Growth and Income	5/4/2009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31	Utilities	Growth and Income	4/30/2001	-0.96%	1.46%	3.84%	4.06%	9.14%	5.95%	8.98%	7.27%
52	American Growth-Income	Growth and Income	5/5/2003	0.99%	5.06%	11.59%	17.86%	17.28%	13.25%	11.29%	9.42%
49	American Asset Allocation	Growth and Income	4/28/2008	0.08%	3.03%	3.89%	6.91%	11.28%	8.26%	8.78%	6.96%
23	Capital Appreciation Value	Growth and Income	4/28/2008	-0.08%	4.65%	7.37%	10.46%	11.78%	10.95%	10.64%	9.06%
38	PIMCO VIT All Asset Portfolio	Growth and Income	5/3/2004	0.55%	0.17%	-2.24%	0.56%	7.54%	2.73%	5.11%	4.98%
56	High Yield	Income	1/1/1997	0.57%	2.86%	3.06%	3.67%	7.36%	4.12%	8.00%	5.32%
59	Global Bond	Income	3/18/1988	-0.64%	-0.73%	-1.42%	-0.67%	2.99%	1.64%	4.56%	5.88%
63	Strategic Income Opportunities	Income	5/3/2004	0.38%	1.03%	-1.85%	-1.72%	3.10%	3.50%	6.69%	5.92%
64	Active Bond	Income	3/29/1986	-0.42%	0.44%	-1.24%	-0.71%	2.40%	3.18%	6.10%	6.49%
65	Investment Quality Bond	Income	6/18/1985	-0.37%	0.31%	-1.32%	-0.85%	2.28%	2.64%	4.72%	5.95%
68	Total Bond Market [10]	Income	4/30/1998	-0.60%	-0.09%	-1.77%	-1.38%	1.07%	1.98%	3.63%	4.51%
77	Bond	Income	10/28/2011	-0.53%	0.09%	-1.40%	-1.07%	1.58%	2.26%		2.44%
79	Core Bond	Income	4/29/2005	-0.55%	0.00%	-1.84%	-1.58%	1.21%	2.10%	4.27%	4.05%
69	Short Term Government Income	Income	4/30/2010	-0.25%	0.04%	-0.46%	-0.76%	0.07%	0.53%		1.14%
60	Ultra Short Term Bond	Income	11/8/2010	0.17%	0.51%	1.04%	1.04%	0.74%	0.49%		0.38%
70	Money Market[12]	Conservative	3/29/1986	0.14%	0.44%	1.10%	1.31%				0.73%
72	Lifestyle Growth	Lifestyle	1/7/1997	0.12%	3.58%	3.83%	7.95%	10.25%			7.22%
73	Managed Volatility Balanced	Lifestyle	1/7/1997	-0.24%	2.57%	2.73%	5.99%	7.59%	5.51%	6.74%	5.86%
74	Managed Volatility Moderate	Lifestyle	1/7/1997	-0.25%	2.13%	2.21%	4.88%	6.86%	5.35%	6.71%	5.96%
75	Managed Volatility Conservative	Lifestyle	1/7/1997	-0.44%	1.06%	0.36%	1.90%	4.47%	3.91%	5.50%	5.61%

Funds per Reporting Period:	49	49	49	49	48	47	43
Fund Average Rate of Return:	-0.42%	2.70%	4.77%	8.34%	10.91%	7.92%	9.05%
Leading Fund Rate of Return:	1.40%	11.42%	20.55%	28.27%	26.89%	19.61%	18.62%
Index - Standard & Poor's 500 (Total Return):	0.43%	7.20%	8.99%	15.66%	14.92%	11.62%	9.59%

Rate of Return (RoR) by Reporting Period



■ Average RoR:

■ Leading Fund RoR: