

Pacific Life Variable Universal Life Monthly Performance Summary
Average Annual Total Returns net of all Investment Division fees as of November 30, 2018.

Following is a listing of the current separate accounts.
 Please contact mwhitelaw@wingedfootpartners.com for the policy prospectus and full Pacific Life Monthly Performance Report.



Acct #	Investment Division	Morningstar Category	Portfolio Inception Date	For the Month Ending	Three Months Ending	Year To Date	1 Year	3 Years	5 Years	10 Years	Since Portfolio Inception	Mgmt Expense
				11/30/2018	11/30/2018							
82	BlackRock Basic Value V.I. CI III	Multi-Cap Value Funds	5/24/2004	0.65%	-4.83%	1.69%	2.88%	7.88%	6.28%	11.95%	9.03%	1.01%
83	M Large Cap Value (AJO)	Multi-Cap Value Funds	2/1/2002	2.12%	-6.38%	-2.51%	-1.76%	5.78%	6.46%	10.82%	6.58%	0.64%
84	PSF Value Advantage (JPMorgan)	Multi-Cap Value Funds	4/30/2013	3.10%	-3.69%	1.08%	2.80%	9.35%	8.45%		10.09%	0.89%
85	VanEck VIP Global Hard Assets Initial CI	Natural Resources Funds	9/1/1989	-5.86%	-12.71%	-20.73%	-13.52%	-0.10%	-9.30%	1.55%	5.20%	1.09%
86	PSF Real Estate (Principal REI)	Real Estate Funds	1/4/1999	4.56%	-0.38%	0.48%	1.39%	4.02%	8.13%	13.50%	10.27%	1.06%
87	PSF Equity Index (BlackRock)	S&P 500 Index Objective Funds	1/30/1991	2.01%	-4.47%	4.76%	5.90%	11.80%	10.77%	13.99%	9.68%	0.28%
88	PSF Technology (MFS)	Science & Technology Funds	1/2/2001	0.06%	-11.61%	10.21%	10.13%	11.46%	9.82%	13.51%	1.50%	1.14%
89	PSF Core Income3	Short-Intermediate Investment Grade Debt Funds	4/27/2015	-0.18%	-1.07%	-2.10%	-1.60%	2.39%			1.22%	0.77%
90	M Capital Appreciation (Frontier)	Small-Cap Core Funds	1/4/1996	2.23%	-11.18%	-3.15%	-3.13%	10.06%	8.45%	16.15%	11.27%	1.05%
91	Oppenheimer Main Street Small Cap Fund/VA Non Service Sha	Small-Cap Core Funds	5/1/1998	2.25%	-4.10%	2.22%	3.07%	9.61%	9.67%	13.93%	8.64%	0.80%
92	PSF Small-Cap Index (BlackRock)	Small-Cap Core Funds	1/4/1999	1.54%	-11.75%	0.46%	0.00%	9.49%	6.94%	13.56%	7.54%	0.56%
93	PSF Small-Cap Value (AllianceBernstein)	Small-Cap Core Funds	5/1/2003	1.44%	-10.63%	-4.51%	-4.57%	8.29%	6.85%	12.91%	11.14%	0.98%
94	Royce Capital Fund—Micro-Cap Svc CI	Small-Cap Core Funds	5/2/2006	-0.48%	-12.84%	1.08%	0.19%	7.25%	1.29%	10.13%	9.32%	1.67%
95	Lord Abbett Series Fund Developing Growth VC	Small-Cap Growth Funds	4/30/2010	-1.05%	-15.16%	17.35%	19.47%	12.24%	7.69%		13.74%	0.95%
96	MFS VIT New Discovery Series Svc CI	Small-Cap Growth Funds	5/1/2000	2.62%	-11.10%	8.85%	9.55%	13.18%	7.38%	17.50%	8.45%	1.19%
97	PSF Developing Growth4 (Lord Abbett)	Small-Cap Growth Funds	4/1/1996	-0.92%	-15.06%	18.16%	20.38%	12.65%	6.99%	14.66%	5.10%	0.83%
98	PSF Small-Cap Equity (Franklin/BlackRock)	Small-Cap Value Funds	5/2/2005	2.44%	-9.14%	-1.84%	-2.51%	9.61%	5.82%	12.34%	9.24%	0.91%
99	MFS VIT Utilities Series Svc CI	Utility Funds	5/1/2000	2.44%	-0.60%	4.02%	2.96%	9.08%	5.19%	10.76%	10.86%	1.05%

Funds per Reporting Period:	99	99	99	99	97	93	72					99
Fund Average Rate of Return:	1.12%	-5.31%	-0.57%	0.19%	6.97%	5.72%	11.33%					0.92%
Leading Fund Rate of Return:	5.50%	3.92%	18.16%	20.38%	14.66%	14.30%	21.40%					
Index - Standard & Poor's 500 (Total Return):	2.04%	-4.40%	5.11%	6.27%	12.16%	11.12%	14.32%					
Wilshire 5000 Equal Weight TR:	-10.24%	-8.39%	-2.19%	1.30%	9.89%	7.13%	14.67%					

Data Source: Morningstar Advisor Workbench and the "Monthly Performance Report" from Pacific Life for the referenced reporting period.

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