

Sample UBS Investment Monitoring Report

Returns Correlation Matrix (3Yr)

SAMPLE REPORT
NOT FOR DISTRIBUTION TO THE PUBLIC

FUND CORRELATION MATRIX (3 Year)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
AB Global Bond R	1													
American Century Short Dur Inf PrBd A	0.53	2												
Oppenheimer Total Return Bond R	0.91	0.60	3											
Janus Henderson Balanced R	0.05	0.04	0.06	4										
BlackRock Russell 2000 Growth F	-0.08	-0.13	-0.16	0.79	5									
Buffalo Small Cap	-0.07	-0.10	-0.09	0.81	0.95	6								
Franklin Growth R	0.09	0.03	0.08	0.96	0.86	0.89	7							
Principal Large Cap S&P 500 Index R3	0.05	0.06	0.02	0.96	0.82	0.82	0.96	8						
Prudential Jennison Mid-Cap Growth R	0.03	0.05	0.02	0.90	0.89	0.91	0.95	0.91	9					
Victory Sycamore Established Value R	0.04	0.00	-0.05	0.85	0.87	0.81	0.87	0.89	0.86	10				
Victory Sycamore Small Company Opp R	-0.22	-0.23	-0.37	0.64	0.86	0.75	0.65	0.69	0.68	0.85	11			
Oppenheimer Developing Markets R	0.19	0.47	0.33	0.67	0.47	0.54	0.68	0.69	0.63	0.49	0.25	12		
Oppenheimer International Growth R	0.19	0.25	0.30	0.77	0.60	0.68	0.81	0.78	0.74	0.58	0.35	0.78	13	
Putnam Global Equity A	0.07	0.11	0.16	0.88	0.77	0.81	0.91	0.87	0.89	0.73	0.51	0.76	0.91	14

Negative	Uncorrelated	Correlated	Moderate	High	Very High
-1	-0.2	0.2	0.60	.85	0.95
					1

The Correlation Matrix reveals the strength of return relationships between investments. A perfect linear relationship is represented by a correlation of 1, while a perfect negative relationship has a correlation of -1. A correlation of 0 indicates no relationship between the investments. Correlation is a critical component to asset allocation and can be a useful way to measure the diversity of a combined plan portfolio.

