

Implied Returns:

Market Capitalization Weights (w_{mkt})

Asset Class	Market Capitalization Estimate	Market Capitalization Weights w_{mkt}
US Bonds	\$8,360,741,000,000	20.16%
Global Bonds xUSD	\$11,583,275,710,000	27.93%
World Equity xUS	\$9,212,460,000,000	22.21%
Emerging Equity	\$964,647,000,000	2.33%
US Large Cap Growth	\$5,217,844,438,500	12.58%
US Large Cap Value	\$5,217,844,438,500	12.58%
US Small Cap Growth	\$459,897,061,500	1.11%
US Small Cap Value	\$459,897,061,500	1.11%
Total	\$41,476,606,710,000	100.00%

Implied Returns: Example

$$\Pi = \lambda \Sigma w_{mkt}$$

0.08%		.0014	.0015	-.0008	-.0017	-.0010	-.0007	-.0015	-.0006	20.16%
0.95%		.0015	.0076	.0026	-.0006	-.0013	-.0003	-.0002	.0005	27.93%
3.95%		-.0008	.0026	.0251	.0292	.0208	.0147	.0248	.0134	22.21%
5.37%	↖	-.0017	-.0006	.0292	.0663	.0359	.0244	.0490	.0268	2.33%
5.14%	= 3.37	-.0010	-.0013	.0208	.0359	.0468	.0283	.0520	.0260	12.58%
3.68%		-.0007	-.0003	.0147	.0244	.0283	.0252	.0314	.0215	12.58%
6.12%		-.0015	-.0002	.0248	.0490	.0520	.0314	.0809	.0411	1.11%
3.50%		-.0006	.0005	.0134	.0268	.0260	.0215	.0411	.0276	1.11%