

# **Quarterly Asset Class Report** Global Equity

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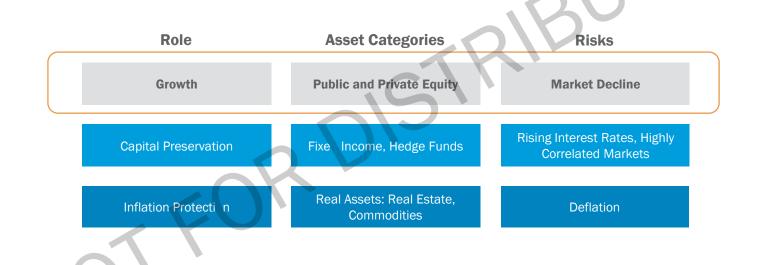
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# **Role in the Portfolio**

Canterbury Consulting recommends and communicates asset class strategy with the objective of constructing a diversified portfolio of long-only equity strategies designed to (in aggregate):

- Provide growth of portfolio assets in excess of inflation and spending rates
- Maintain comparable exposure to the global equity market
- Exhibit returns uncorrelated to fixed income markets



 Canterbury global equity portfolios are set up with a goal to deliver consistent net-of-fees excess returns and moderate tracking error versus the MSCI All Country World Index over longer periods of time.



### Equity Review

- The major U.S. indices fell in the quarter and marked the worst start to the year in over 50 years.
- Small value and large value companies continued to outperform their growth counterparts in the quarter. Large value and small value companies are now outperforming over the one-year period.

Non-U S. developed equities and emerging markets (EM) equities were negative in the quarter. EM equities held up relatively well following a strong quarter from China stocks.

Blue dots represent the returns of the respective Russell & MSCI benchmarks; gray floating bar charts represent the peer groups by quartile.

Sources: Morningstar Direct, Russell, MSCI

# **Market Capitalization Mix**

Equ	ity: U.S. Market Cap	Current	10 Year Avg	Deviation from Mean*	Large	Neutral	Small
u	Russell Top 200 Current P/E (Large Cap)	19.31	19.87	-0.15		-	
	R2000 Current P/E (Small Cap)	66.30	77.72	-0.94		-	
	Avg P/E Ratio (Large/Small)	0.29	0.34	-0.29		-	
	Russell Top 200 EV/EBITDA^ (Large Cap)	12.89	12.47	0.17		-	
Valuation	R2000 EV/EBITDA (Small Cap)	12.90	18.34	-1.04			+
Va	Avg EV/EBITDA Ratio (Large/Small)	1.00	0.69	2.30			++
	Russell Top 200 P/S (Large Cap)	2.61	2.26	0.60		-	
	R2000 P/S (Small Cap)	1.09	1.19	-0.67		-	
	Avg P/S Ratio (Large/Small)	2.40	1.88	1.30			+
Solvency	Russell Top 200 Debt/EBITDA (Large Cap)	3.51	4.21	-2.40	++	6	
	Russell 2000 Debt/EBITDA (Small Cap)	5.12	6.93	-0.81		-	
	Avg Debt/EBITDA Ratio (Large/Small)	0.69	0.64	0.36		-	
	Russell Top 200 LT EPS Gr (Fwd) (Large Cap)	9.94	9.58	0 06		-	
Growth	R2000 LT EPS Gr (Fwd) (Small Cap)	11.30	9.56	0.61		-	
	Avg Growth Ratio (Large/Small)	0.88	98	-0.11		-	
Economy	Case Shiller Home Price (YoY)	21.23	7.66	2.55			++
	Total Leading Econom c In icators	118.30	104.05	1.59			+
	Currency (USD v Broad Basket)	104.69	92.36	1.80			+
	Curve Steepness 2 to 10's	0.06	1.03	-1.46	+		

\*Deviation from mean represents how many standard deviations the current value is above or below the 10year average, also known as the "Z-Score." '+' denotes one standard deviation, and '++' denotes two standard deviations in favor of the asset class.

^ EV/EBITDA, also known as the "enterprise multiple," is a ratio used to determine the value of a company. Unlike P/E, the enterprise multiple takes debt into account. This is often the ratio used by companies looking to acquire another business.

### Equity Review

- There are various metrics used to value the equity universe. Canterbury prefers Price/Earnings, EV/EBITDA, and Price/Sales.
- The P/E metric for large caps fell below its 10year average. Small caps remain below historical averages. The g owth estimates for both small caps and large caps are above longterm averages

The in erest rate spread between the 10-year and two-year U.S. Treasury remained close to zero in the quarter and is below its long-term average.

Source: Russell

# Region Mix – U.S. vs. R.O.W.

Equity: Region (U.S./Global)		Current	10 Year Avg	Deviation from Mean*	U.S.	Neutral	R.O.W.
Valuation	S&P 500 Current P/E	18.96	19.95	-0.27		-	
	MSCI ACWI Current P/E	15.55	19.00	-0.98		-	
	Avg P/E Ratio (US /ACWI)	1.22	1.05	2.19			++
	S&P 500 EV/EBITDA^	12.69	12.69	0.00		-	
	MSCI ACWI EV/EBITDA	10.53	11.26	-0.41		-	
	Avg EV/EBITDA Ratio (US/ACWI)	1.21	1.12	1.45			+
	S&P 500 P/S	2.35	2.06	0.62		-	
	MSCI ACWI P/S	1.71	1.56	0.48		-	
	Avg P/S Ratio (US/ACWI)	1.38	1.32	1.33			+
Solvency	S&P 500 Debt/EBITDA	3.53	4.16	-1.62	+		
	MSCI ACWI Debt/EBITDA	5.11	5.93	-1.57			+
	Avg Debt/EBITDA Ratio (US/ACWI)	0.69	0.7	-0.40		-	
Growth	S&P 500 LT EPS Gr (Fwd)	9 96	8.98	0.11		-	
	MSCI ACWI LT EPS Gr (Fwd)	28.39	9 64	0.73			+
	Avg Growth Ratio (US/ACWI)	0 35	0.96	-1.02			+
Economy	Currency (USD Broad Basket)	104.69	92.36	1.80			+

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### Equity Review

- Earnings multiples and EV multiples continued to fall for U.S. equities and non-U.S. equities. Earnings multiples are now below long-term averages.
- Debt levels continue to be below long-term averages for bot US. and global (R.O.W.) stocks, suggesting less concerning leverage conditions.

Domestic equities long-term growth estimates and R.O.W. equities growth estimates are above long-term averages.

The U.S. dollar strengthened in the quarter and was a relative headwind to international returns.

Sources: MSCI, Standard & Poor's

# Region Mix – Non-U.S. Developed vs. R.O.W.

Equity: Region (Non-U.S. Dev/Global)		Current	10 Year Avg	Deviation from Mean*	Non-U.S. Dev	Neutral	R.0.W.
	MSCI EAFE Current P/E	12.27	19.20	-1.20	+		
	MSCI ACWI Current P/E	15.55	19.00	-0.98		-	
	Avg P/E Ratio (EAFE/ACWI)	0.79	1.01	-1.80	+		
E	MSCI EAFE EV/EBITDA^	7.75	9.78	-1.77	+		
Valuation	MSCI ACWI EV/EBITDA	10.53	11.26	-0.41		-	
	Avg EV/EBITDA Ratio (EAFE/ACWI)	0.74	0.88	-1.98	+		
	MSCI EAFE P/S	1.15	1.15	0.05		-	
	MSCI ACWI P/S	1.71	1.56	0.48		-	
	Avg P/S Ratio (EAFE/ACWI)	0.68	0.74	-1.39	+		
~	MSCI EAFE Debt/EBITDA	7.15	8.27	-1.10	+		
Solvency	MSCI ACWI Debt/EBITDA	5.11	5.93	-1.57	$\sim$		+
So	Avg Debt/EBITDA Ratio (EAFE/ACWI)	1.40	1.39	0.11		-	
	MSCI EAFE LT EPS Gr (Fwd)	10.67	30	0 15		-	
Growth	MSCI ACWI LT EPS Gr (Fwd)	28.39	9.64	0.73		-	
	Avg Growth Ratio (EAFE/ACWI)	0.38	0.66	-0.12		-	
Economy	USD/EUR	1.05	1.18	-1.43	+		

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Source: MSCI

### Equity Review

- The non-U.S. developed and the R.O.W. P/E ratios fell in the quarter. Most of the valuation metrics for both non-U.S. developed and R.O.W. equity valuations are below their longterm averages.
- Debt levels for b th non-U S. developed and R.O.W. stock remained below their long-term ave ages in the quarter.

Earnings g owth forecasts rose for both non-U.S. developed equities and R.O.W. equities.

The euro continued to weaken versus the dollar and remains below its 10-year average.

# Region Mix – Emerging Markets vs. R.O.W.

Equ	ity: Region (EM/Global)	Current	10 Year Avg	Deviation from Mean*	ЕМ	Neutral	R.0.W.
Valuation	MSCI EM Current P/E	10.89	14.20	-1.25	+		
	MSCI ACWI Current P/E	15.55	19.00	-0.98		-	
	Avg P/E Ratio (EM/ACWI)	0.70	0.75	-0.96		-	
	MSCI EM EV/EBITDA^	8.26	8.64	-0.25		-	
	MSCI ACWI EV/EBITDA	10.53	11.26	-0.41		-	
	Avg EV/EBITDA Ratio (EM/ACWI)	0.78	0.77	0.37		-	
	MSCI EM P/S	1.18	1.21	-0.13		-	
	MSCI ACWI P/S	1.71	1.56	0.48		-	
	Avg P/S Ratio (EM/ACWI)	0.69	0.78	-1.37	+		
Ň	MSCI EM Debt/EBITDA	4.44	4.48	-0.07		<u> </u>	
Solvency	MSCI ACWI Debt/EBITDA	5.11	5.93	-1.57	>		+
Š	Avg Debt/EBITDA Ratio (EM/ACWI)	0.87	0.76	1.56			+
Growth	MSCI EM LT EPS Gr (Fwd)	10.16	9 36	0.03		-	
	MSCI ACWI LT EPS Gr (Fwd)	28.39	9.64	0.73		-	
	Avg Growth Ratio (EM/ACWI)	0 36	091	-1.16			+

Equity Review

- The EM equities and R.O.W equities valuation multiples fell in the quarter, with most of the valuations at or below historical averages. EM equities appear to be attractively valued from a relative valuation standpoint
- Debt levels for EM countries remain around long-term averages and remain below hist rical averages for R.O.W. equities.

Growth expectations fell for EM and rose for R.O.W. equities. R.O.W. equities growth expectations are above historical averages.

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^ EV/EBITDA, also known as the "enterprise multiple," is a ratio used to determine the value of a company. Unlike P/E, the enterprise multiple takes debt into account. This is often the ratio used by companies looking to acquire another business.

Source: MSCI