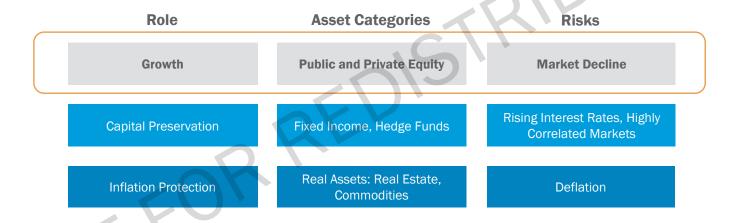
# **Quarterly Asset Class Report Global Equity**

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Role in the Portfolio Equity Review

Canterbury Consulting recommends and communicates this 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.

## Performance (%) as of June 30, 2023

U.S. Large

Value

U.S. Large

Growth

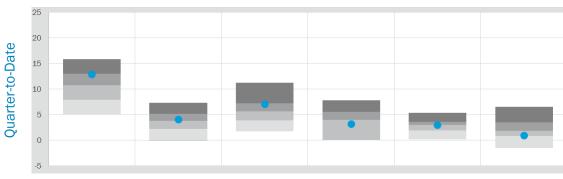
Year-to-Date

1-Year

#### Emerging Markets

Non-U.S.

Developed



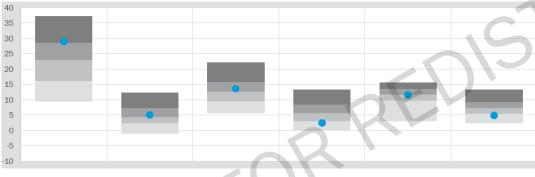
U.S. Small

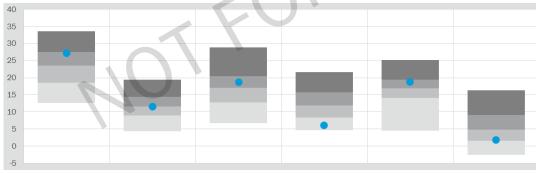
Growth

U.S. Small

Value







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

- U.S. small-cap and large-cap indices were positive in the quarter.
- Small growth and large growth companies continued their relative outperformance to small value and large value in both the quarter and the year.

**Equity Review** 

 Non-U.S. developed equities and emerging markets (EM) equities were also positive in the quarter. Non-U.S. developed equities held up relatively better in the quarter versus EM equities.

Sources: Morningstar Direct, Russell, MSCI



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)	22.17	20.16	0.53		-	
	R2000 Current P/E (Small Cap)	30.63	37.96	-0.51		-	
	Avg P/E Ratio (Large/Small)	0.72	0.55	1.29			+
	Russell Top 200 EV/EBITDA^ (Large Cap)	15.24	12.76	1.09			+
Valuation	R2000 EV/EBITDA (Small Cap)	14.84	16.92	-0.56		-	
\ \	Avg EV/EBITDA Ratio (Large/Small)	1.03	0.76	1.91			+
	Russell Top 200 P/S (Large Cap)	2.78	2.35	0.78		-	
	R2000 P/S (Small Cap)	1.16	1.27	-0.65		-	
	Avg P/S Ratio (Large/Small)	2.39	1.85	1.40			+
Solvency	Russell Top 200 Debt/EBITDA (Large Cap)	3.85	4.12	-0.80		1.0	2
	Russell 2000 Debt/EBITDA (Small Cap)	6.12	6.51	-0.22		7-1-	
တိ	Avg Debt/EBITDA Ratio (Large/Small)	0.63	0.65	-0.17		<i>J</i> -	
ر	Russell Top 200 LT EPS Gr (Fwd) (Large Cap)	6.53	8.35	-0.19		-	
Growth	R2000 LT EPS Gr (Fwd) (Small Cap)	9.95	9.79	0.05		-	
G	Avg Growth Ratio (Large/Small)	0.66	0.85	-0.17		-	
Economy	Case Shiller Home Price (YoY)	-1.70	7.54	-1.68	+		
	Total Leading Economic Indicators	106.70	105.70	0.14		-	
	Currency (USD v Broad Basket)	102.91	94.70	1.20			+
	Curve Steepness 2's to 10's	-1.06	0.84	-2.34	++		

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

- There are various metrics used to value the equity universe. Canterbury prefers Price/Earnings, EV/EBITDA, and Price/Sales.
- The P/E and P/S metrics for large caps ticked up in the quarter above long-term averages whereas small cap metrics are slightly below their long-term averages.
- The interest rate spread between the 10-year and two-year U.S. Treasury remained in negative territory in the quarter and is more than two standard deviations below its longterm average.

Source: Russell



<sup>^</sup> 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.

Equ	ity: Region (U.S./Global)	Current	10 Year Avg	Deviation from Mean*	U.S.	Neutral	R.O.W.
	S&P 500 Current P/E	21.30	20.22	0.30		-	
	MSCI ACWI Current P/E	17.92	18.25	-0.11		-	
	Avg P/E Ratio (US /ACWI)	1.19	1.11	1.37			+
uc	S&P 500 EV/EBITDA^	14.47	12.85	0.76		-	
Valuation	MSCI ACWI EV/EBITDA	11.69	11.67	0.02		-	
N N	Avg EV/EBITDA Ratio (US/ACWI)	1.24	1.10	1.55			+
	S&P 500 P/S	2.46	2.15	0.74		-	
	MSCI ACWI P/S	1.84	1.62	0.78		-	
	Avg P/S Ratio (US/ACWI)	1.34	1.33	0.25		<u> </u>	
, ×	S&P 500 Debt/EBITDA	3.86	4.08	-0.56		7-1-	
Solvency	MSCI ACWI Debt/EBITDA	5.26	5.91	-1.15		<i>J</i>	+
Ň	Avg Debt/EBITDA Ratio (US/ACWI)	0.73	0.69	1.26			+
	S&P 500 LT EPS Gr (Fwd)	7.06	8.47	-0.06		-	
Growth	MSCI ACWI LT EPS Gr (Fwd)	17.47	10.82	0.07		-	
	Avg Growth Ratio (US/ACWI)	0.40	0.95	-0.50		-	
Economy	Currency (USD v Broad Basket)	102.91	94.70	1.20			+

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

- Earnings multiples and EV multiples rose slightly for U.S. equities and non-U.S. equities.
   Earnings multiples remain below long-term averages for non-US equities.
- Debt levels continue to be below long-term averages for both U.S. and global (R.O.W.) stocks, suggesting less concerning leverage conditions.
- R.O.W. equities long-term growth estimates are currently above their long-term averages, whereas U.S. growth estimates have dropped below their averages.
- The U.S. dollar rose slightly in the quarter and was a relative headwind to international returns.

Sources: MSCI, Standard & Poor's



<sup>^</sup> 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.

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

Equ	ity: Region (Non-U.S. Dev/Global)	Current	10 Year Avg	Deviation from Mean*	Non-U.S. Dev	Neutral	R.O.W.
	MSCI EAFE Current P/E	14.27	16.68	-0.87		-	
	MSCI ACWI Current P/E	17.92	18.25	-0.11		-	
	Avg P/E Ratio (EAFE/ACWI)	0.80	0.91	-1.43	+		
uc	MSCI EAFE EV/EBITDA^	8.58	10.89	-1.60	+		
Valuation	MSCI ACWI EV/EBITDA	11.69	11.67	0.02		-	
Na	Avg EV/EBITDA Ratio (EAFE/ACWI)	0.73	0.93	-1.59	+		
	MSCI EAFE P/S	1.30	1.19	0.66		-	
	MSCI ACWI P/S	1.84	1.62	0.78		-	
	Avg P/S Ratio (EAFE/ACWI)	0.70	0.74	-0.87		-	
<u>~</u>	MSCI EAFE Debt/EBITDA	7.06	8.35	-1.41	+	76	7
Solvency	MSCI ACWI Debt/EBITDA	5.26	5.91	-1.15		111.	+
Š	Avg Debt/EBITDA Ratio (EAFE/ACWI)	1.34	1.41	-1.26	+		
_	MSCI EAFE LT EPS Gr (Fwd)	4.98	6.20	-0.03		-	
Growth	MSCI ACWI LT EPS Gr (Fwd)	15.79	10.81	0.06		-	
	Avg Growth Ratio (EAFE/ACWI)	0.32	0.60	-0.08		-	
Economy	USD/EUR	1.09	1.16	-0.71		-	

#### **Equity Review**

- The non-U.S. developed and the R.O.W. P/E
  ratios rose in the quarter. Most of the
  valuation metrics for both non-U.S. developed
  and R.O.W. equity valuations are below their
  long-term averages.
- Debt levels for both non-U.S. developed and R.O.W. stocks remained below their long-term averages in the quarter.
- Earnings growth forecasts increased for R.O.W. equities.
- The euro was relatively unchanged from the previous quarter.

Source: MSCI



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<sup>^</sup> 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.

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

Equ	ity: Region (EM/Global)	Current	10 Year Avg	Deviation from Mean*	EM	Neutral	R.O.W.
Valuation	MSCI EM Current P/E	12.90	13.90	-0.37		-	
	MSCI ACWI Current P/E	17.92	18.25	-0.11		-	
	Avg P/E Ratio (EM/ACWI)	0.72	0.76	-0.77		-	
	MSCI EM EV/EBITDA^	8.45	8.40	0.03		-	
	MSCI ACWI EV/EBITDA	11.69	11.67	0.02		-	
	Avg EV/EBITDA Ratio (EM/ACWI)	0.72	0.72	0.07		-	
	MSCI EM P/S	1.20	1.20	-0.03		-	
	MSCI ACWI P/S	1.84	1.62	0.78		-	
	Avg P/S Ratio (EM/ACWI)	0.65	0.75	-2.01	++		
Solvency	MSCI EM Debt/EBITDA	4.74	4.70	0.09		16	
	MSCI ACWI Debt/EBITDA	5.26	5.91	-1.15		7//	+
	Avg Debt/EBITDA Ratio (EM/ACWI)	0.90	0.80	1.59			+
Growth	MSCI EM LT EPS Gr (Fwd)	11.33	9.05	0.10		-	
	MSCI ACWI LT EPS Gr (Fwd)	15.79	10.81	0.06		-	
9	Avg Growth Ratio (EM/ACWI)	0.72	0.88	-0.37		-	
	·						

- The EM equities and R.O.W equities valuation multiples rose in the quarter, with valuations generally below or near historical averages. EM equities appear to be fairly discounted to global equities from a relative valuation standpoint.
- Debt levels for EM countries remain around long-term averages and remain below historical averages for R.O.W. equities.
- Growth expectations improved slightly for R.O.W. equities and declined for EM equities.

Source: MSCI



**Equity Review** 

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

<sup>^</sup> 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.

## **Portfolio Characteristics**

### **Recommended Ranges**

MARKET CAP (U.S.)	MINIMUM	MAXIMUM	R3000
Large Cap (> \$37.8B)	50.0%	70.0%	70.4%
Mid Cap (\$3.6B - \$37.8B)	25.0%	40.0%	23.8%
Small Cap (< \$3.6B)	2.5%	12.5%	5.8%

REGION	MINIMUM	MAXIMUM	MSCI ACWI
U.S.	45.0%	65.0%	60.7%
Non-U.S. Developed	25.0%	40.0%	29.6%
Emerging Markets	5.0%	20.0%	9.7%

#### **Equity Review**

- Canterbury believes non-U.S. equities are attractively valued compared to U.S. equities due to the strong U.S. dollar and higher valuations of U.S. equities.
- Our market cap exposures target a neutral position. Valuation, growth, and economic indicators do not support a major shift at this time.
- As the equity market cycle matures, Canterbury believes its utilization of active managers that can avoid overvalued regions, sectors, and securities will contribute positively to performance.

Client-specific objectives and constraints may cause allocations to vary from recommended ranges.

