## As Markets Shift, Diversification Has Helped Smooth the Ride

Because markets historically move in cycles, with some asset classes having outperformed others one year and then underperforming them the next, diversification could help reduce the volatility of a portfolio's returns.

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
I	ntl Sm Growth	US Sm Value	EM Growth	US Lg Growth	US Lg Growth	US Lg Growth	US Sm Value	Intl Lg Value	US Lg Growth	US Lg Growth
	6.5%	31.7%	46.8%	-1.5%	36.4%	38.5%	28.3%	-5.6%	42.7%	33.4%
	US Lg Growth	US Lg Value	Intl Sm Growth	Global Growth	Global Growth	US Sm Growth	US Lg Growth	Global Value	Global Growth	Global Growth
	5.7%	17.3%	33.6%	-6.7%	33.7%	34.6%	27.6%	-6.5%	37.0%	25.9%
	Intl Lg Growth	EM Value	US Lg Growth	US Lg Value	US Sm Growth	Global Growth	US Lg Value	US Lg Value	Intl Lg Value	US Sm Growth
	4.1%	14.9%	30.2%	-8.3%	28.5%	33.8%	25.2%	-7.5%	19.0%	15.2%
•	Global Growth	Global Value	Intl Sm Value	US Sm Growth	Intl Lg Growth	EM Growth	Global Value	Intl Sm Value	US Sm Growth	US Lg Value
	3.1%	12.3%	29.7%	-10.0%	27.9%	31.3%	21.9%	-13.6%	18.7%	14.4%
	Intl Sm Value	US Sm Growth	Intl Lg Growth	EM Value	US Lg Value	Intl Sm Growth	Global Growth	US Sm Value	Intl Lg Growth	Global Value
	-1.3%	11.3%	28.9%	-10.7%	26.5%	23.7%	21.2%	-14.5%	17.6%	11.5%
	US Sm Growth	Intl Sm Value	EM Value	Global Value	EM Growth	Intl Lg Growth	Intl Sm Value	EM Value	Intl Sm Value	EM Growth
	-1.4%	8.2%	28.1%	-10.8%	25.1%	18.3%	14.2%	-15.8%	17.2%	10.3%
	US Lg Value	EM Growth	Global Growth	Intl Lg Growth	Intl Sm Growth	EM Value	Intl Sm Growth	Intl Lg Growth	US Sm Value	US Sm Value
	-3.8%	7.6%	28.0%	-12.8%	24.6%	5.5%	11.5%	-22.9%	14.6%	8.1%
	Global Value	US Lg Growth	US Sm Growth	US Sm Value	US Sm Value	Intl Sm Value	Intl Lg Growth	EM Growth	EM Value	Intl Lg Value
	-4.8%	7.1%	22.9%	-12.9%	22.4%	4.7%	11.3%	-24.0%	14.2%	5.7%
	Intl Lg Value	Intl Lg Value	Intl Lg Value	Intl Lg Value	Global Value	US Sm Value	Intl Lg Value	Intl Sm Growth	Intl Sm Growth	EM Value
	-5.7%	5.0%	21.4%	-14.8%	21.7%	4.6%	10.9%	-26.1%	14.1%	4.5%
	US Sm Value	Global Growth	Global Value	Intl Sm Value	Intl Sm Value	US Lg Value	EM Value	US Sm Growth	Global Value	Intl Sm Value
	-7.5%	2.8%	17.1%	-18.2%	20.3%	2.8%	4.0%	-26.4%	11.5%	3.6%
	EM Growth	Intl Sm Growth	US Lg Value	EM Growth	Intl Lg Value	Global Value	US Sm Growth	US Lg Growth	US Lg Value	Intl Sm Growth
	-11.3%	-0.3%	13.7%	-18.3%	16.1%	-1.2%	2.8%	-29.1%	11.5%	3.1%
	EM Value -18.6%	Intl Lg Growth -3.0%	US Sm Value 7.8%	Intl Sm Growth -18.3%	EM Value 11.9%	Intl Lg Value -2.6%	EM Growth -8.4%	Global Growth -29.2%	EM Growth 5.8%	Intl Lg Growth 2.0%

	5 Year (2020-2024)	10 Year (2015-2024)			
	US Lg Growth 18.9%	US Lg Growth 16.8%			
	Global Growth 14.6%	Global Growth 12.8%			
	US Lg Value 8.7%	US Lg Value 8.5%			
	US Sm Value 7.3%	US Sm Growth 8.1%			
rns	Global Value 7.0%	US Sm Value 7.1%			
Annualized Returns	US Sm Growth 6.8%	Global Value 6.6%			
ıualize	Intl Lg Value 5.1%	Intl Lg Growth 5.8%			
Ann	Intl Sm Value 4.6%	Intl Sm Growth 5.7%			
	Intl Lg Growth 4.0%	Intl Sm Value 5.5%			
	Intl Sm Growth 3.7%	EM Growth 4.3%			
	EM Value 2.0%	Intl Lg Value 4.3%			
	EM Growth 1.3%	EM Value 2.8%			

CALENDAR YEAR AND ANNUALIZED RETURNS BY ASSET CLASS AS OF DECEMBER 31, 2024 | Source: FactSet. It is not possible to invest directly in an index. Reinvestment of dividends and capital gains assumed. Past performance is not a guarantee of future results. EM Growth: MSCI Emerging Markets Growth Index; EM Value: MSCI Emerging Markets Value Index; Int'l Lg Value: MSCI EAFE Value Index; Int'l Lg Growth: MSCI EAFE Growth Index; Int I Small Value: MSCI ACWI Exusa Small Cap Value Index; US Sm Growth: MSCI EAFE Growth Index; US Lg Value: Russell 2000 Growth: MSCI World Value: MSCI World Growth: MSCI World Growth Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Russell 1000 Value Index; US Lg Growth: Russell 1000 Value Index; US Lg Value: Rus

Calendar Year Returns

The MSCI Emerging Markets Growth Index with gross dividends captures large and mid cap securities exhibiting growth style characteristics, defined using long-term forward earnings per share (EPS) growth rate, short-term forward EPS growth rate, current internal growth rate, long-term historical EPS growth trend, and long-term historical sales per share growth trend.

The MSCI Emerging Markets Value Index with gross dividends captures large and mid cap securities exhibiting value style characteristics, defined using book value to price, 12-month forward earnings to price, and dividend yield.

The MSCI EAFE Growth Index with net dividends captures large and mid cap securities across developed market countries, excluding the United States and Canada, exhibiting growth style characteristics, defined using long-term forward earnings per share (EPS) growth rate, short-term forward EPS growth rate, current internal growth rate, long-term historical EPS growth trend, and long-term historical sales per share growth trend.

The MSCI EAFE Value Index with net dividends captures large and mid cap securities across developed market countries, excluding the United States and Canada, exhibiting value style characteristics, defined using book value to price, 12-month forward earnings to price, and dividend yield.

The MSCI ACWI ex USA Small Cap Value Index with net dividends measures small-cap equity market performance of developed and emerging markets excluding the United States. The attributes for value index construction are book value-to-price ratio, 12-months forward earnings-to-price ratio, and dividend yield.

The MSCI ACWI ex USA Small Cap Growth Index with net dividends measures small-cap equity market performance of developed and emerging markets excluding the United States. The attributes for growth index construction are long-term forward earnings per share (EPS) growth rate, short-term forward EPS growth rate, current internal growth rate, long-term historical EPS growth trend, and long-term historical sales per share growth trend.

The MSCI World Growth Index with net dividends captures large and mid cap securities across developed market countries exhibiting growth style characteristics, defined using long-term forward earnings per share (EPS) growth rate, short-term forward EPS growth rate, current internal growth rate, long-term historical EPS growth trend, and long-term historical sales per share growth trend.

The MSCI World Value Index with net dividends captures large and mid cap securities across developed market countries exhibiting value style characteristics, defined using book value to price, 12-month forward earnings to price, and dividend yield.

The Russell 1000 Growth Index with gross dividends measures performance of the large cap growth segment of the U.S. equity universe. Securities are categorized as growth or value based on their relative book-to-price ratios, historical sales growth, and expected earnings growth.

The Russell 1000 Value Index with gross dividends measures performance of the large cap segment of the U.S. equity universe. Securities are categorized as growth or value based on their relative book-to-price ratios, historical sales growth, and expected earnings growth.

The Russell 2000 Value Index with gross dividends measures performance of the small cap segment of the U.S. equity universe. Securities are categorized as growth or value based on their relative book-to-price ratios, historical sales growth, and expected earnings growth.

The Russell 2000 Growth Index with gross dividends measures performance of the small-cap segment of the U.S. equity universe. It includes those Russell 2000 companies with higher price-to-book ratios and higher forecasted growth values. Not all investment strategies are suitable for all investors.

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