



Quarterly Market Review: 2019-Q4

ClearLogic Financial, Inc.

Equities performed well across most of the markets, with global real estate lagging in the fourth quarter. Value stocks underperformed growth stocks, while small cap stocks outperformed large cap stocks. Overall returns for 2019 represent a significant bounce back from the losses of late 2018.

The first chart is a snapshot of the market performance for the fourth quarter. The second chart presents market performance over the past year, five years and ten years. Along with the 24-hour news cycle, we all hear market commentary and speculation constantly. The article provided after the charts talks about using past performance to predict the coming year. Your 2019 fourth quarter portfolio review report is posted to the Modest Spark portal.

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
4Q 2019	STOCKS				BONDS	
	9.10% 	7.86% 	11.84% 	0.80% 	0.18% 	-1.11% 
Since Jan. 2001						
Avg. Quarterly Return	2.1%	1.5%	2.9%	2.6%	1.2%	1.1%
Best Quarter	16.8%	25.9%	34.7%	32.3%	4.6%	4.6%
	2009 Q2	2009 Q2	2009 Q2	2009 Q3	2001 Q3	2008 Q4
Worst Quarter	-22.8%	-21.1%	-27.6%	-36.1%	-3.0%	-2.7%
	2008 Q4	2008 Q4	2008 Q4	2008 Q4	2016 Q4	2015 Q2

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International Developed Stocks (MSCI World ex USA Index [net div.]), Emerging Markets (MSCI Emerging Markets Index [net div.]), Global Real Estate (S&P Global REIT Index [net div.]), US Bond Market (Bloomberg Barclays US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Barclays Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2020 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2020, all rights reserved. Bloomberg Barclays data provided by Bloomberg.



Long-Term Market Summary

Index Returns

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
1 Year	STOCKS				BONDS	
	31.02%	22.49%	18.42%	23.12%	8.72%	7.57%
5 Years						
	11.24%	5.42%	5.61%	5.56%	3.05%	3.87%
10 Years						
	13.42%	5.32%	3.68%	9.31%	3.75%	4.29%

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International Developed Stocks (MSCI World ex USA Index [net div.]), Emerging Markets (MSCI Emerging Markets Index [net div.]), Global Real Estate (S&P Global REIT Index [net div.]), US Bond Market (Bloomberg Barclays US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Barclays Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2020 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2020, all rights reserved. Bloomberg Barclays data provided by Bloomberg.



Hindsight Is 20/20. Foresight Isn't.

The year 2019 served up many examples of the unpredictability of markets.

Interest rates that US policy makers expected to rise fell instead. American consumers' confidence weakened as the year began,¹ and news headlines broadcast fears of an economic slowdown. But investors who moved onto the sidelines may have missed the gains in the US stock market. As of the end of October, the S&P 500 was up more than 20% for the year on a total-return basis. That puts it on course for the best showing since 2013 should that gain hold through December.

Outside the US, Greece—the site of an economic crisis so dire some expected the country to abandon the euro earlier this decade, and a country whose equity market lost more than a third of its value last year—has had one of the most robust stock market performances among emerging economies in 2019. On top of that, Greece issued bonds at a negative nominal yield, which means investors paid for the privilege of lending the government cash.

Taken as a whole, it's a reminder that the prediction game can be a losing one for investors.

UP OR DOWN?

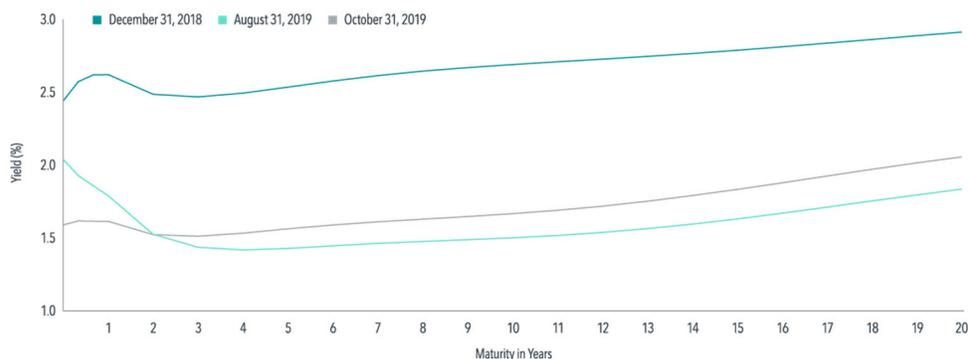
A closer look at interest rates and the bond market shows just how unpredictable asset performance can be. Going into 2019, Federal Reserve officials expected economic conditions to support raising a key interest rate benchmark twice. Instead, policy makers lowered it three times.

In the market for US Treasuries—where market participants set interest rates—the yield curve that tracks Treasuries inverted for the first time in more than 10 years, as seen in **Exhibit 1**. Some long-term yields fell below some short-term yields over the summer. What's more, yields on medium- and long-term bonds were at historically low levels at the start of the year, but they fell even lower by the end of October. Investors who made moves based on the expectation yields would rise in 2019 may have been disappointed in how events ultimately transpired.

EXHIBIT 1

Shifting Curves

Yields on US Treasuries of various maturities since the end of 2018





TRADING PLACES

Events weren't any easier to anticipate in the global equity markets, where no evident link appears between markets that performed well last year and those that have excelled this year, as **Exhibit 2** shows.

Among the 23 developed market countries,² only one country was a Top 5 performer for 2018 and 2019: the US. Last year's strongest performing market—Finland—ranked 22nd this year through the end of October. Among emerging markets, Greece swung from a 37% decline last year to a 37% advance this year through the end of October.

EXHIBIT 2

Changes in the Ranks

Performance of equity markets in 23 developed and 24 emerging economies

Developed Economies		Emerging Economies	
2018	2019 YTD	2018	2019 YTD
Finland -3.43%	Switzerland 25.19%	Qatar 29.84%	Russia 40.37%
New Zealand -3.97%	Netherlands 24.45%	Peru 1.56%	Egypt 39.29%
USA -5.04%	Ireland 24.37%	Russia -0.39%	Greece 36.95%
Israel -5.48%	Italy 23.22%	Brazil -0.49%	Taiwan 25.04%
Hong Kong -7.83%	USA 22.67%	Czech Republic -4.45%	Colombia 22.67%
Norway -8.63%	Canada 21.30%	Thailand -5.53%	Brazil 17.61%
Switzerland -9.08%	France 20.05%	Malaysia -6.03%	Philippines 12.45%
Singapore -9.41%	New Zealand 20.02%	Hungary -6.12%	China 11.97%
Portugal -11.09%	Australia 19.92%	India -7.30%	Thailand 8.74%
Australia -11.99%	Portugal 19.08%	UAE -7.74%	Mexico 8.56%
France -12.76%	Denmark 17.74%	Taiwan -8.94%	Hungary 7.49%
Japan -12.88%	Japan 16.51%	Indonesia -9.21%	India 6.56%
Netherlands -13.11%	Germany 16.40%	Colombia -11.53%	UAE 5.57%
Sweden -13.68%	Belgium 15.61%	Poland -12.87%	Indonesia 4.84%
United Kingdom -14.15%	Sweden 14.65%	Egypt -14.00%	Korea 3.76%
Denmark -15.43%	United Kingdom 13.18%	Mexico -15.53%	Peru 2.25%
Spain -16.19%	Austria 13.08%	Philippines -16.52%	Turkey 1.96%
Canada -17.20%	Singapore 12.84%	China -18.88%	South Africa 0.35%
Italy -17.75%	Spain 7.99%	Chile -19.65%	Czech Republic -1.11%
Germany -22.17%	Hong Kong 7.67%	Korea -20.94%	Malaysia -3.84%
Ireland -25.31%	Israel 6.15%	South Africa -24.76%	Poland -4.13%
Belgium -26.93%	Finland 6.11%	Pakistan -34.79%	Qatar -4.95%
Austria -27.44%	Norway 5.13%	Greece -36.84%	Pakistan -7.51%
		Turkey -41.40%	Chile -15.27%



PERENNIAL WISDOM

History has shown there's no compelling or dependable way to forecast stock and bond movements, and 2019 was a case in point. Neither the mainstream prognostications nor the hindsight of recent strong performance predicted outcomes in 2019.

Rather than basing investment decisions on predictions of which way debt or equity markets are headed, a wiser strategy may be to hold a range of investments that focus on systematic and robust drivers of potential returns. Investors who were broadly diversified across asset classes and around the globe were in a position to potentially enjoy the returns that the markets delivered thus far in 2019. Last year, this year, next year—that approach is a timeless one.

FOOTNOTES

1. ¹Based on readings from the Conference Board Consumer Confidence Survey and the University of Michigan Index of Consumer Sentiment.
2. ²Markets designated as developed or emerging by MSCI.

Copyright 2018, ClearLogic Financial, Inc. All rights reserved.

The foregoing content was generated by Dimensional Fund Advisors and reflects the opinions of ClearLogic Financial, Inc. and is subject to change at any time without notice. Content provided herein is for informational purposes only and should not be used or construed as investment advice or a recommendation regarding the purchase or sale of any security. There is no guarantee that the statements, opinions or forecasts provided herein will prove to be correct.

Past performance may not be indicative of future results. Indices are not available for direct investment. Any investor who attempts to mimic the performance of an index would incur fees and expenses which would reduce returns.

All investing involves risk, including the potential for loss of principal. There is no guarantee that any investment plan or strategy will be successful.