Market Perspectives

Weekly equity markets snapshot As of November 13, 2020

Market related news for the week ending November 13, 2020

- Early Monday European stocks and U.S. stock futures rallied after Pfizer said early results showed its vaccine is more than 90% effective. The news drove the biggest one-day rotation to value stocks since 2008. Pfizer's CEO also cashed out 60% of his stock as part of a pre-determined trading plan.
- Monday Berkshire Hathaway revealed another \$9 billion in stock buybacks in the third quarter to give a nine-month total of around \$16 billion.
- Tuesday European regulators announced formal antitrust charges against Amazon in relation to its use of data resulting from its position as a retailer that sells goods, but also acts as a marketplace for third-party vendors.
- Wednesday high profile hedge fund manager Bill Ackman revealed he is again hedging against corporate defaults due to the pandemic. In the spring he made a similar bet and turned \$27 million into \$2.6 billion.
- Disney rose as much as 6% after the bell Thursday after revealing 73 million subscribers of Disney+, ahead of targets for 60-90 million subscriptions by 2024.
- Friday Cisco was up more than 6% on betterthan-expected earnings and guidance that exceeded expectations. Meanwhile shares of Palantir were up 5.5% after the company released its first quarterly earnings results as a public company.

Market levels

	11/13/20	12/31/19	Market Low
Dow	29,480	28,538	6,547 (3/09)
S&P 500®	3,585	3,231	677 (3/09)
NASDAQ	11,829	8,973	1,268 (3/09)
VIX	23.10	13.78	56.7 (1/09)

Market total returns

	1 Week	QTD	YTD	2019
Dow	4.19%	6.33%	5.37%	25.34%
S&P 500®	2.21%	6.82%	12.77%	31.48%
NASDAQ	-0.53%	6.02%	32.95%	36.74%
Russell Midcap®	3.22%	11.07%	8.46%	30.52%
Russell 2000®	6.12%	15.81%	5.74%	25.49%
MSCI EAFE (Net)	3.89%	7.83%	0.18%	22.01%
MSCI EM (Net)	1.03%	9.94%	8.66%	18.42%
REITS	6.90%	7.77%	-5.46%	28.65%

Global returns¹

EAFE countries	1 Week	YTD	Emerging countries	1 Week	YTD
UK	7.04%	-13.66%	MSCI BRIC	-0.73%	11.50%
Germany	4.78%	-1.30%	Brazil	3.76%	-9.44%
France	8.45%	-8.04%	Russia	4.20%	-16.14%
Switzerland	1.65%	2.09%	India	3.70%	6.56%
Japan	4.36%	9.25%	China	-0.06%	11.06%
Australia	3.73%	-0.76%	S. Korea	3.20%	14.15%

¹See page 3 for global returns country-specific indices.

Real assets

	11/13/20	12/31/19	YTD
Gold	\$1,889.20	\$1,517.27	24.51%
Oil	\$40.13	\$56.44	-28.90%
Nat Gas	\$3.00	\$2.60	15.06%
Bloomberg Commod.	\$73.73	\$80.89	-8.85%
USD Index	\$92.76	\$96.39	-3.77%
USD/EUR	\$1.18	\$1.12	5.54%

Featured chart: Implied stock market volatility and the S&P 500 $^{\circ}$ Index



Small

-6.95%

17.67%

Style returns

0 n	e week	Year-to-date					
	Large	Mid	Small		Large	Mid	
۷	5.69%	6.02%	9.17%	V	-2.73%	-1.76%	
G	-1.27%	-1.55%	3.41%	G	29.75%	23.22%	

Russell Value and Growth Indices

Index characteristics

	Trlg P/E	Fwd P/E	Div Yield	Earn Yield
S&P 500®	26.19	21.10	1.66	3.82
MSCI EAFE	21.49	16.38	2.72	4.65
MSCI EM	18.67	14.08	2.15	5.36
Russell 1000 [®]	26.17	21.86	1.58	3.82
Russell 2000®	19.31	29.26	1.15	5.18

S&P sector performance

	Weight	1 Week	QTD	YTD
Information technology	27.4%	-0.4%	3.8%	33.6%
Health care	14.1%	1.9%	6.3%	11.6%
Consumer discretionary	11.2%	-1.1%	3.1%	27.2%
Telecommunications	11.0%	0.8%	9.3%	18.7%
Financials	10.3%	8.3%	12.4%	-10.4%
Industrials	8.7%	5.4%	11.4%	7.0%
Consumer staples	6.9%	3.6%	5.3%	9.7%
Utilities	3.1%	3.1%	11.4%	5.0%
Materials	2.7%	1.5%	8.4%	14.3%
REITs	2.5%	5.1%	5.9%	-0.8%
Energy	2.2%	17.1%	12.9%	-41.4%



Market Perspectives

Weekly fixed income markets snapshot As of November 13, 2020

Economic news for the week ending November 13, 2020

- Monday: No announcements.
- Tuesday: JOLTs Job Openings for September showed 6.436 million vacancies, up from 6.352 million in August.
- Thursday: CPI for October came in at 0.0%, down from 0.2% in October. Year-on-year the rate was 1.2%. Core CPI was also 0.0% or 1.6% year-on-year.
- Friday: PPI for October was 0.3%, higher than expected, but down from September's 0.4%. Core PPI was 0.1%, lower than expected, and down from September's 0.4%.
- Friday: Michigan Consumer Sentiment for November was 77.0, lower than expected and down from the previous reading of 81.8.

Economic events for the week ending November 20, 2020 (all times listed are Eastern)

- Monday: NY Empire State Manufacturing Index for November at 8.30am.
- Tuesday: Retail Sales for October at 8.30am.
- Tuesday: Industrial Production for October at 9.15am.
- Wednesday: Building Permits for October at 8.30am.
- Wednesday: Housing Starts for October at 8.30am.
- Thursday: Philadelphia Fed Manufacturing Index for November at 8.30am.
- Thursday: Existing Home Sales for October at 10.00am.

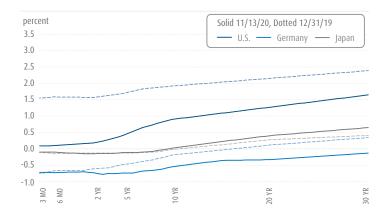
	U.S. Aggregate	Intermediate Gov't/Credit	U.S. Treasury	Inv. Grade Corporates	MBS	1–10-Yr Municipals	High Yield	EM Corporates
1-Week Total Return	-0.14%	-0.11%	-0.30%	-0.12%	0.00%	0.04%	0.48%	0.58%
MTD Total Return	0.35%	0.13%	-0.07%	1.21%	-0.01%	0.38%	2.60%	1.47%
3-Month Total Return	-0.49%	-0.04%	-1.08%	-0.22%	-0.09%	-0.14%	2.46%	1.34%
YTD Total Return	6.68%	5.83%	7.80%	7.73%	3.57%	3.38%	3.76%	5.42%
12-Month Total Return	7.29%	6.30%	7.95%	9.20%	4.07%	4.12%	6.04%	6.92%
Effective Duration (years)	6.22	4.13	7.29	8.77	2.32	3.84	3.64	4.78
Effective Maturity (years)	8.29	4.48	8.59	12.31	3.92	5.93	6.39	6.77
Yield to Worst	1.23%	0.70%	0.61%	1.95%	1.33%	0.78%	4.99%	4.13%
OAS (basis points)	51	31	NA	114	51	NA	435	363
Average OAS (from January 1997)	63	55	NA	153	55	NA	550	491

Key rates

Bond market returns

	This week	Prior week	Most recent quarter- end	2019 year- end
2-Year Treasury	0.18	0.15	0.13	1.57
5-Year Treasury	0.41	0.36	0.28	1.69
10-Year Treasury	0.90	0.82	0.69	1.92
2-Year AAA Muni	0.17	0.17	0.15	1.05
5-Year AAA Muni	0.28	0.28	0.29	1.13
10-Year AAA Muni	0.82	0.82	0.84	1.48
2-Year A Corporate	0.41	0.38	0.42	1.86
5-Year A Corporate	0.89	0.85	0.86	2.15
10-Year A Corporate	1.71	1.67	1.68	2.67

Fixed income markets Developed markets | Government Bond yield curves





Source: Barclays Capital, Bloomberg.

For general information only.

Market conditions and trends will vary. Past performance is no guarantee of future results.

Index definitions

¹ Global returns shown on page one represent the following indices: FTSE 100 Index (UK), Deutsche Borse AG German Stock Index (Germany), CAC 40 Index (France), Swiss Market Index (Switzerland), Nikkei-225 Stock Average (Japan), S&P/ASX 200 (Australia), MSCI BRIC Index, Ibovespa Brasil Sao Paulo Stock Exchange Index (Brazil), Russian Trading System Cash Index (Russia), S&P BSE Sensex Index (India), Korea Stock Exchange KOSPI Index (South Korea), The Shanghai Stock Exchange Composite Index (China).

Equity indices

S&P 500[®] Index (S&P 500[®]) is an unmanaged index of large-cap common stocks.

Dow Jones Industrial Average (Dow) is a priceweighted average of 30 significant stocks traded on the New York Stock Exchange and the Nasdaq.

Russell 1000[®] **Index** (Russell 1000[®]) consists of approximately 1,000 of the largest companies in the U.S. equity markets.

Russell 1000® Growth Index measures the performance of those Russell 1000 Companies with higher price-to-book ratios and higher forecasted growth values.

Russell 1000® Value Index measures the performance of those Russell 1000 Companies with lower price-tobook ratios and lower forecasted growth values.

Russell Midcap® Index (Russell Midcap®) measures the performance of the smallest 800 U.S. companies in the Russell 1000 Index.

Russell Midcap® Growth Index measures the performance of those Russell Midcap companies with higher price-to-book ratios and higher forecasted growth values.

Russell Midcap® Value Index measures the performance of those Russell Midcap companies with lower price-to-book ratios and lower forecasted growth values.

Russell 2000® Index (Russell 2000®) is an unmanaged index that measures the performance of the smallest 2000 U.S. companies in the Russell 3000® Index.

Russell 2000[®] Growth Index measures the performance of those Russell 2000 Companies with higher price-to-book ratios and higher forecasted growth values.

Russell 2000® Value Index measures the performance of those Russell 2000 Companies with lower price-to-book ratios and lower forecasted growth values.

MSCI EAFE Index (NDDUEAFE) (Developed Markets)—MSCI EAFE Index Europe, Australasia, and Far East Index (EAFE) is a standard unmanaged foreign securities index representing major non-U.S. stock markets, as monitored by Morgan Stanley Capital International.

MSCI Emerging Markets Index (NDUEEGF) is a market capitalization weighted index comprised of over 800 companies representative of the market structure of the emerging countries in Europe, Latin America, Africa, Middle East and Asia. Prior to January 1, 2002, the returns of the MSCI Emerging Markets Index were presented before application of withholding taxes.

NASDAQ Composite Index is a market-cap weighted index of the more than 3,000 common equities listed on the Nasdaq stock exchange.

VIX Index—The Chicago Board Options Exchange Market Volatility Index is a measure of implied volatility of S&P 500 index options, often referred to as the "fear" index.

MSCI BRIC Index (NDUEBRIC) is a free float weighted equity index designed to measure performance of the following four emerging market country indices: Brazil, Russia, India and China.

NIKKEI 225 Index is a price-weighted average of 225 top-rated Japanese companies listed in the First Section of the Tokyo Stock Exchange.

KOSPI Index is a capitalization-weighted index of all common shares on the Korean Stock Exchanges.

FTSE NAREIT All Eq REITS Index contains all taxqualified REITs with more than 50 percent of total assets in qualifying real estate assets other than mortgages secured by real property that also meet minimum size and liquidity criteria.

FTSE 100 Index is a capitalization-weighted index of the 100 most highly capitalized companies traded on the London Stock Exchange. The equities use an investibility weighting in the index calculation.

Deutsche Borse AG German Stock Index (DAX) is

a total return index of 30 selected German blue chip stocks traded on the Frankfurt Stock Exchange. The equities use free float shares in the index calculation.

CAC 40 Index is a modified cap-weighted index of 40 companies on the Paris Bourse.

Swiss Market Index is an index of the largest and most liquid stocks traded on the Geneva, Zurich, and Basle Stock Exchanges.

S&P/ASX 200 measures the performance of the 200 largest index-eligible stocks listed on the ASX by float-adjusted market capitalization. Representative liquid and tradable, it is widely considered Australia's preeminent benchmark index. The index is float-adjusted.

Ibovespa Brasil Sao Paulo Stock Exchange Index is a gross total return index weighted by market value to the free float \mathcal{B} is comprised of the most liquid stocks traded on the Sao Paulo Stock Exchange.

Russian Trading System Cash (RTS) Index is cap-weighted composite index calculated based on prices of the 50 most liquid Russian stocks of the largest and dynamically developing Russian issuers presented on the Moscow Exchange.

S&P BSE Sensex Index is a cap-weighted index. The index members have been selected on the basis of liquidity, depth, and floating-stock-adjustment depth and industry representation.

Shanghai Stock Exchange Composite Index is a capitalization-weighted index. The index tracks the daily price performance of all A-shares and B-shares listed on the Shanghai Stock Exchange.

Market Perspectives

Contact

For further information, please visit our websites at:

BMO Funds bmofunds.com

BMO Global Asset Management **bmogam.com**

Fixed income indices

Bloomberg Barclays U.S. Aggregate Bond Index is an unmanaged index that covers the U.S. investment-grade fixed-rate bond market, including government and credit securities, agency mortgage pass-through securities, asset-backed securities and commercial mortgage-based securities.

Bloomberg Barclays U.S. Intermediate Government/Credit Bond Index is an unmanaged index comprised of government and corporate bonds rated BBB or higher with maturities between 1-10 years.

Bloomberg Barclays U.S. Corporate Bond Index is designed to measure the performance of the U.S. corporate bond market.

Bloomberg Barclays U.S. Treasury Index is an unmanaged index that includes a broad range of U.S. Treasury obligations and is considered representative of U.S. Treasury bond performance overall. **Bloomberg Barclays U.S. MBS Index** is an index that includes 15- and 30-year fixed-rate securities backed by mortgage pools of GinnieMae, FreddieMac and FannieMae.

Bloomberg Barclays U.S. Corporate High-Yield Bond Index is an unmanaged index that covers the USD-denominated, non-investment-grade, fixed-rate, taxable corporate bond market.

Bloomberg Barclays 1-10 Year Blend Municipal Bond Index is a market value-weighted index which covers the short and intermediate components of the Barclays Capital Municipal Bond Index—an unmanaged, market valueweighted index which covers the U.S. investmentgrade tax-exempt bond market.

Bloomberg Barclays Emerging Markets Corporate Index is a component of the Barclays US Emerging Markets Index which is made up of debt issued by corporations.

Other Definitions

Duration: incorporates a bond's yield, coupon, final maturity and call features into one number, expressed in years, that indicates how pricesensitive a bond or portfolio is to changes in interest rates. Effective duration can also be defined as the approximate percentage change in a security's price that will result from a 1% (100-basis-point) change in its yield.

Yield to Worst: lowest potential yield that can be received on a bond without the issuer defaulting. This yield measure takes in to account any bond calls or sinking funds.

OAS: acronym for "option adjusted spread" which is the spread that has to be added to the Treasury yield curve in a pricing model (including embedded options) to discount a security to match its market price.

Investments cannot be made in an index.

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