QUARTERLY ECONOMIC UPDATE

QUOTE OF THE OUARTER

"There are some things you learn best in calm, and some in storm."

– Willa Cather

OUARTERLY TIP

If you have not yet contributed the maximum to your IRA or workplace retirement plan for 2015, now is a good time to do so. Holiday season spending may affect your ability to max out these accounts in December.

THE QUARTER IN BRIEF

The third quarter of 2015 is now history — and what a trying quarter it was. In looking back at Q3, we see not only a rough stretch for stocks and commodities but also a period in which the financial narrative for the year changed. At the start of July, investors focused on whether or not the Federal Reserve would raise interest rates in September. By the end of the quarter, the evident economic slowdown in China had become the year's defining story. Key U.S. indicators waned as the quarter progressed, though the housing sector maintained its impressive sales pace. The stock market pulled back — the S&P 500 lost 6.94% in the quarter, which left it negative year-to-date.¹

A review of 3O 2015

DOMESTIC ECONOMIC HEALTH

As the quarter unfolded, the deceleration in overseas manufacturing began to affect America. For evidence, one needed only to look to hiring totals, hard goods orders, and the ISM purchasing manager index tracking the factory sector.

Even with its anecdotal basis, ISM's manufacturing index is a hugely important indicator – and it was troubling to see it decline from a July reading of 52.7 to a September mark of 50.2, near the contraction level. (ISM's non-manufacturing PMI went from 60.3 to 56.9 in the same span.) By August, headline durable goods orders were down 24.1% year-over year. ^{2.3,4}

In September, the economy added a disappointing 142,000 new jobs – and the Labor Department revised July and August hiring downward to respective totals of 223,000 and 136,000. Annualized wage growth – which should be between 3-4% – remained low at 2.2%. The good news? In the ninth month of the year, headline unemployment was down to 5.1% while the U-6 "underemployment" rate dipped to 10.0%.

Inflation – at least as measured by the Consumer Price Index – remained a minor economic factor. By August, the CPI was up just 0.2% in the past 12 months, with the core CPI up just 1.8%. The headline CPI retreated 0.1% in August, its first pullback since January. As for the Producer Price Index, it was flat in August after a 0.2% rise in July; by August, annualized wholesale inflation was at -0.8%, negative for the seventh month in a row due to reduced energy costs. ^{6,7}

Consumer confidence and personal spending held up reasonably well as economic warning signals came in from abroad. The Conference Board's consumer confidence index reached a September mark of 103.0, rising from 101.5 in August. While the University of Michigan's household sentiment index declined during each month of the third quarter, its final September reading of 87.2 represented a year-over-year advance of 2.6 points. Consumer spending was up 0.4% in both July and August; consumer incomes rose 0.5% in July and 0.3% in August. Retail purchases were up 0.7% in July and another 0.2% for August.

As the quarter went on, the chances of the Federal Reserve raising interest rates seemed less likely. Indeed, the Fed made no move in September – but a dot-plot forecast it published projected the federal funds rate at 0.40% by the end of 2015. The poor September jobs report could alter that projection, as could the ongoing "global economic and financial developments" that the central bank referenced as cause to leave rates alone. ¹⁰

GLOBAL ECONOMIC HEALTH

Greece may have seized the headlines in Q2, but in Q3 the big story was China. Its stock market exhibited extreme volatility and its economic indicators unsettled

investors here and abroad. By July, the warnings were evident: Chinese exports had shrunk 8.3% in a year, imports had fallen for nine consecutive months and the retail sales pace had reached a 15-year low. 11,12

During Q3, the Shanghai Composite dropped more than 25%. China surprised investors by devaluing the yuan in August; it responded to the correction by putting severe controls on its stock market. China's official manufacturing PMI showed sector contraction for a second straight month in September, ticking up to 49.8 from 49.7. The Markit/Caixin private-sector factory PMI for China hit a 5½-year low of 47.2 in September. Since as much as half the worldwide demand for coal, copper, and iron stems from China, this was troubling news indeed. 13,14

Economists questioned if China's official GDP and manufacturing PMI readings were being vastly overstated. Oxford Economics estimates China's 2015 GDP will be between 3-4%, and leading Swedish economist Mauro Gozzo projects 3% growth – far removed from the 7% expansion forecast by Chinese government officials. ¹⁵

The Markit (official) manufacturing PMI for the eurozone was a comparatively healthy 52.0 in September, down from 52.3 in August. Deflation had returned: the eurozone CPI retreated 0.1% year-over-year through September. The region's unemployment rate remained at 11.0% last month. 14,16

WORLD MARKETS

Worldwide, only two stock indices had a positive quarter – Ireland's ISEQ rose 0.04% and Sri Lanka's Colombo Stock Exchange 0.43%. As for the losses, they were most severe in the emerging markets: the Shanghai Composite sank 28.63%, the Hang Seng 20.59%, the Nikkei 225 14.07%, the Asia Dow 17.68%, the Jakarta Composite 13.98%, the RTS 15.98%, the Bovespa 15.11%, and the Merval 15.80%. The MSCI Emerging Markets Index retreated 18.53%. 1.17

Other benchmarks lost comparatively less: the CAC-40 retreated 6.99%, the DAX 11.74%, the Kospi 5.37%, the Sensex 5.85%, the Dow Jones Americas 8.42%, the Europe Dow 10.69%, the Global Dow 10.65%, the FTSE 100 7.04%, the STOXX 600 8.80%, and the MSCI World Index 8.86%. 1.17

COMMODITIES MARKETS

Last quarter, the Thomson Reuters/Jefferies CRB Index suffered a loss of 14.71%. The other notable commodity sector benchmark, the S&P GSCI index, retreated 19.3% (its poorest third quarter in 45 years). 18,19

Looking at the S&P GSCI quarterly scorecard, only lean hogs posted a three-month advance, gaining 13.4%; the other 23 commodities all retreated. There were some major Q3 descents among ag and energy futures: crude oil lost 26.9%, unleaded gasoline 21.0%, heating oil 20.9%, and wheat 21.2%. Crude oil ended the quarter at \$45.09 a barrel on the NYMEX. 19,20

Precious and base metals also declined notably in Q3. Gold lost 4.8%, settling at a COMEX price of \$1,115.20 an ounce on the quarter's final day. Silver fell 6.8% in Q3, platinum 15.8%, palladium 3.2%, zinc 15.9%, copper 10.2%, and aluminum 7.9%. 19,21

Did the U.S. Dollar Index manage a third-quarter advance? Yes, it did. It settled at 96.35 on September 30, up 0.90% in three months. ²²

REAL ESTATE

By August, new and existing homes were being bought up at a pace nicely exceeding year-ago levels. According to the National Association of Realtors, resales were up 6.2% annually in August, even after August turned out to be the second-weakest month for existing home sales in the past four-and-a-half years; 32% of buyers were first-timers. A Census Bureau report showed new home buying surging 21.6% in the 12 months ending in August.²³

NAR's pending home sales index softened by 1.4% in August, but even with that retreat, it remained 6.1% higher than a year ago at a healthy 109.4. The overall S&P/Case-Shiller home price index for July showed a 5.0% advance across the past 12 months, ticking north from 4.9% in June. 8.23

Housing starts and building permits also showed significant annual gains according to the Census Bureau. Groundbreaking had increased 16.6% in the 12 months ending in August (14.9% for single-family projects). The number of permits issued in August surpassed the August 2014 number by 12.5% (8.7% for single-family construction). 24

Did home loans become more expensive in Q3? For the most part, no. A quick check of the June 25 and September 24 Freddie Mac Primary Mortgage Market Surveys shows average interest rates increasing only on the 1-year ARM, from 2.50% to 2.53%. The 30-year fixed grew cheaper, with the average interest rate sinking from 4.02% to 3.86%. The story was similar for the 15-year FRM and the 5/1-year ARM; average interest rates on the former declined from 3.21% to 3.08%, while average interest rates on the latter dipped from 2.98% to 2.91%. 25

LOOKING BACK...LOOKING FORWARD

Were there any bright spots on Wall Street during a dismal quarter? Yes. Beneath the big three, a few indices did post some nice three-month advances. The Dow Jones Internet index gained 7.07% in Q3, and the Dow Jones Utilities Average rose 4.82%. The Nasdaq Insurance index ticked up 0.73% for Q3. This paled in comparison to the 34.39% Q3 rise of the CBOE VIX. As the table below shows, Q3 performances for the marquee indices left much to be desired. Their quarter-end settlements were as follows: DJIA, 16,284.70; S&P 500, 1,920.03; NASDAQ, 4,620.16. The small caps were not spared – the Russell 2000 lost 12.22% for the quarter, settling at 1,100.69 on September 30.1

% CHANGE	Y-T-D	Q3 CHG	1-YR CHG	10-YR AVG
DJIA	-8.63	-7.58	-4.45	+5.41
NASDAQ	-2.45	-7.35	+2.82	+11.47
S&P 500	-6.74	-6.94	-2.65	+5.63
REAL YIELD	9/30 RATE	1 YR AGO	5 YRS AGO	10 YRS AGO
10 YR TIPS	0.65%	0.55%	0.75%	1.78%

Sources: wsj.com, bigcharts.com, treasury.gov – $9/30/15^{1,26,27}$ Indices are unmanaged, do not incur fees or expenses, and cannot be invested into directly. These returns do not include dividends.

Entering the fourth quarter, stock market investors have a central question: can the year be salvaged? Can the S&P 500 possibly finish 2015 with an annualized gain? A Q4 rate hike by the Federal Reserve now looks much less likely, but even if the Fed avoids making a move, will that ease any anxiety about China's economy or the health of its stock market? Oil prices could remain low, with a major supply glut persisting at a time of reduced demand. Few investors are excited about this oncoming earnings season. Still, the fall could surprise to the upside. As recently as 2013, the S&P 500 gained 10% in Q4. In 2011, it advanced 11% in the last three months of the year. The bulls may be milling around right now, but there is a chance they could run again before 2015 is over – though it will take some notable earnings surprises and encouraging headlines to truly set them loose.²⁸

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The NASDAQ Composite Index is an unmanaged, marketweighted index of all over-the-counter common stocks traded on the National Association of Securities Dealers Automated Quotation System. The Standard & Poor's 500 (S&P 500) is an unmanaged group of securities considered to be representative of the stock market in general. It is not possible to invest directly in an index. NYSE Group, Inc. (NYSE:NYX) operates two securities exchanges: the New York Stock Exchange (the "NYSE") and NYSE Arca (formerly known as the Archipelago Exchange, or ArcaEx®, and the Pacific Exchange). NYSE Group is a leading provider of securities listing, trading and market data products and services. The New York Mercantile Exchange, Inc. (NYMEX) is the world's largest physical commodity futures exchange and the preeminent trading forum for energy and precious metals, with trading conducted through two divisions – the NYMEX Division, home to the energy, platinum, and palladium markets, and the COMEX Division, on which all other metals trade. The ISEQ Overall Index is a capitalization-weighted index of all official list equities in the Irish Stock Exchange, excluding U.K.-registered companies. The Colombo Stock Exchange (CSE) is the main stock exchange in Sri Lanka and provides a fully automated trading platform. The SSE Composite Index is an index of all stocks (A and B shares) that are traded at the Shanghai Stock Exchange. The Hang Seng Index is a freefloat-adjusted market capitalization-weighted stock market index that is the main indicator of the overall market performance in Hong Kong, Nikkei 225 (Ticker: ^N225) is a stock market index for the Tokyo Stock Exchange (TSE). The Nikkei average is the most watched index of Asian stocks. The Asia Dow measures the Asia equity markets by tracking 30 leading blue-chip companies in the region. The IDX Composite or Jakarta Composite Index is an index of all stocks that are traded on the Indonesia Stock Exchange (IDX). The RTS Index (abbreviated: RTSI, Russian: Индекс РТС) is a free-float capitalization-weighted index of 50 Russian stocks traded on the Moscow Exchange. The Bovespa Index is a gross total return index weighted by traded volume & is comprised of the most liquid stocks traded on the Sao Paulo Stock Exchange. The MERVAL Index (MERcado de VALores, literally Stock Exchange) is the most important index of the Buenos Aires Stock Exchange. The MSCI Emerging Markets Index is a float-adjusted market capitalization index consisting of indices in more than 25 emerging economies. The CAC-40 Index is a narrow-based, modified capitalization-weighted index of 40 companies listed on the Paris Bourse. The DAX 30 is a Blue Chip stock market index consisting of the 30 major German companies trading on the Frankfurt Stock Exchange. The Korea Composite Stock Price Index or KOSPI is the major stock market index of South Korea, representing all common stocks traded on the Korea Exchange. BSE Sensex or Bombay Stock Exchange Sensitivity Index is a valueweighted index composed of 30 stocks that started January 1, 1986. The Dow Jones Americas Index measures the Latin American equity markets by tracking 30 leading blue-chip companies in the region. The Europe Dow measures the European equity markets by tracking 30 leading blue-chip companies in the region. The Global Dow (GDOW) is a 150-stock index of corporations from around the world, created by Dow Jones & Company. The FTSE 100 Index is a share index of the 100 most highly capitalized companies listed on the London Stock Exchange. The Dow Jones STOXX 600 Index captures more than 90% of the aggregate market cap of European-based companies. The MSCI World Index is a free-float weighted equity index that includes developed world markets, and does not include emerging markets. The US Dollar Index measures the performance of the U.S. dollar against a basket of six currencies. Additional risks are associated with international investing, such as currency fluctuations, political and economic instability and differences in accounting standards. This material represents an assessment of the market environment at a specific point in time and is not intended to be a forecast of future events, or a guarantee of future results. Past performance is no guarantee of future results. Investments will fluctuate and when redeemed may be worth more or less than when originally invested. All information is believed to be from reliable sources; however we make no representation as to its completeness or accuracy. All economic and performance data is historical and not indicative of future results, Market indices discussed are unmanaged. Investors cannot invest in unmanaged indices. The publisher is not engaged in rendering legal, accounting or other professional services. If assistance is needed, the reader is advised to engage the services of a competent professional.

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