

The J.P. Morgan View

Patience during political season

- **Asset allocation** — No changes in our medium-term, value-focused strategy to be long assets with high risk premia, equities, credit, and carry trades, even as upcoming political events will likely create shorter-term volatility.
 - **Economics** — No major forecast changes, although increasing uncertainty around US fiscal cliff posturing creates downside risk on US Q4 and Q1.
 - **Fixed Income** — We prefer German Bunds to US Treasuries.
 - **Equities** —US earnings season favors domestically-oriented stocks and US Financials.
 - **Credit** — We expect further spread tightening in US HG as the lack of credit supply brought about by QE3 is not fully priced in.
 - **Currencies** — We launch a Chinese *Economic Surprise Index*.
 - **Commodities** — Stay long Brent time spreads on Middle East uncertainty.
-
- **Equity markets are trading heavy**, and are giving back most of their gains of the past 1-2 weeks, despite no clear change in fundamentals. Other risk markets, such as credit, commodities, and the euro periphery, are not following equities this time, indicating we are largely seeing profit taking after the hefty rally in stocks over the last four months.
 - **There are no meaningful changes in growth forecasts this week**, except for moving 1% in growth from Q4 to Q3 in the Euro area, due to better IP data in Q3 which we do not think will last. But as a result, global growth in Q4 at 2% is now barely different from the previous two quarters. In GDP terms, there is not as much sign of a rebound as we had hoped, even as the underlying PMI orders and inventory data do hint at this coming rebound.
 - We are only at the beginning of the Q3 **earnings** season, but what we have is in line with subdued expectations for small oya drops. Profit margins then hit new highs and world growth has since fallen below potential. But global equities are up 10%. Why? We have argued that equities and other risk markets can rally despite lackluster growth as they offer high risk premia against events that will not all come through. Hence, if the world turns out less ugly and volatile than what most feared, as is our view, then investors will over time gradually switch some of their defensive holdings into better-return, but riskier asset classes.
 - This risk-premium-focused strategy into equities, credit and carry assumes volatility will remain subdued and markets will be buffeted by only modest adverse shocks. We don't see huge volatility from data or earnings surprises, with macro volatility having collapsed over the past 2 years, and aggregate earnings now also showing almost no movement anymore. This leaves us with the **political surprise factor**. Here we have to tread more carefully as the next few weeks will see another EU Summit, US elections, and Chinese leadership change, each of which with potentially momentous impact.

Global Asset Allocation

Jan Loeys ^{AC}
(1-212) 834-5874
jan.loeys@jpmorgan.com

JPMorgan Chase Bank NA

John Normand
(44-20) 7134-1816
john.normand@jpmorgan.com

J.P. Morgan Securities plc

Nikolaos Panigirtzoglou
(44-20) 7134-7815
nikolaos.panigirtzoglou@jpmorgan.com
J.P. Morgan Securities plc

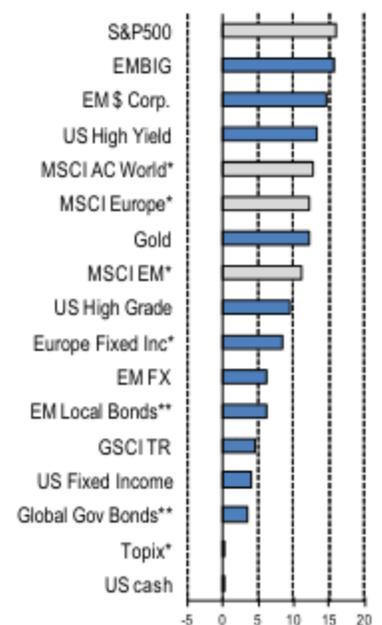
Seamus Mac Gorain
(44-20) 7134-7761
seamus.macgorain@jpmorgan.com
J.P. Morgan Securities plc

Matthew Lehmann
(44-20) 7134-7813
matthew.m.lehmann@jpmorgan.com
J.P. Morgan Securities plc

Leo Evans
(44-20) 7742-2537
leonard.a.evans@jpmorgan.com
J.P. Morgan Securities plc

YTD returns through Oct 11

%, equities are in lighter color.



See page 7 for analyst certification and important disclosures.

Source: J.P. Morgan, Bloomberg. See blue box on page 2 for description.

www.morganmarkets.com

- On the last, the top priority of Chinese leaders will likely be stability and continuity. We do not foresee a major change in direction nor worsening of the territorial conflict with Japan. The recent rebound in Chinese equities shows the market is hoping for positive news coming out of the Communist Party Congress on Nov 8. The **EU Summit** on Oct 18-19 has an ambitious agenda on both long- and short-term issues. But the lack of an imminent crisis, thanks to the ECB's OMT promise, means to us we are unlikely to see much progress. Unfortunately, given the need to merge sovereignty, EMU members seem to be unable to make major decisions without being subject to undue pressure (detailed analysis by Alex White in *GDW*).
- That leaves the **US elections** and nearing fiscal cliff. Irrespective of who wins the elections, both parties will soon have to seek compromise on avoiding a recession caused by fiscal tightening, as it appears extremely unlikely one party will have a blocking majority. But into the elections, and the yearend decisions on taxes, inevitable political posturing, as neither side wants to show their cards yet, can easily have a depressing effect on economic activity, if not on risk prices. In our view, it supports taking some chips off the table, without going as far as neutral, let alone short risk assets. We stay medium-term positive on risk assets.

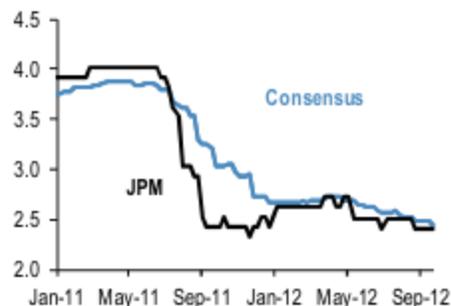
Fixed income

- **Bonds edged higher on the week**, but essentially remain in the very narrow range they have held since the summer. That overall stability masks some striking crosscurrents, however. One is the Fed-fuelled compression of **US MBS** spreads, which we expect to hold given an extremely tight supply-demand balance. Another is the **marked outperformance of Australian bonds**, triggered by a more dovish central bank, but also reflecting a long-standing yield compression towards core markets. We are reluctant to oppose this outperformance, given the uncertainty about the RBA's reaction function engendered by last week's rate cut.
- The most important shift has been the better tone in Euro area sovereign debt markets. We share the broad view that the promise of the OMT backstop marks a major step forward in the Euro area's crisis management, and are encouraged by some **tentative signs of capital returning to the periphery**. These include a fall in Spain's Target 2 balance and bond managers' shift to overweight peripheral bonds, for the first time since 2010, as reported in our *European Duration Survey*. But for the near term, we are wary of a Spanish downgrade from Moody's, to below investment-grade, and thus move to a more defensive stance, including by **cutting overweights in the EMU core vs Germany**, and adding **outright longs in German Bunds**.

Equities

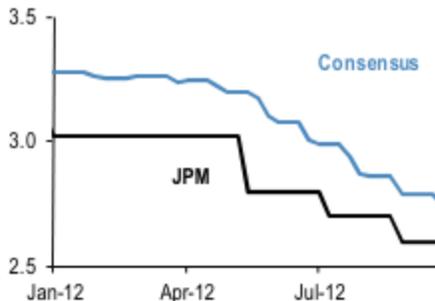
- **Global equities have paused** over the past 5 weeks, following 3 months of strong gains. MSCI AC World at 330 is practically unchanged since the beginning of September and is at the same level as at the end of April, before the May crash. It is still 8% below its post-Lehman peak seen in May 2011.
- **With short covering largely behind us, the equity market appears to be lacking strong drivers. The US reporting season is generating a small positive surprise, but this is not enough of an impetus.** As we argued last week a subpar 2% pace in global GDP growth for Q3 is not enough to change the pattern of stagnation seen in S&P500 EPS since Q3 2011. We thus look

2012 global GDP growth forecasts: JPMorgan and Consensus



Source: J.P. Morgan, Consensus Economics. Consensus Economics forecasts are for regions and countries that we averaged using the same 5-year rolling USD GDP weights that we use for our own global growth forecast.

2013 global GDP growth forecasts: JPMorgan and Consensus



Source: J.P. Morgan, Consensus Economics. Consensus Economics forecasts are for regions and countries that we averaged using the same 5-year rolling USD GDP weights that we use for our own global growth forecast.

More details in ...

Global Data Watch, Bruce Kasman and David Hensley
Global Markets Outlook and Strategy, Jan Loeys, Bruce Kasman, et al.

US Fixed Income Markets, Terry Belton and Srinivas Ramaswamy

Global Fixed Income Markets, Pavan Wadhwa and Fabio Bassi

Emerging Markets Outlook and Strategy, Joyce Chang
Key trades and risk: Emerging Market Equity Strategy, Adrian Mowat et al.

Flows and Liquidity, Nikos Panigirtzoglou et al.

Description of YTD Chart on front page:

Returns in USD. *Local currency. **Hedged into USD.
Euro Fixed Income is iBoxx Overall Index. US HG, HY, EMBIG and EM \$ Corp are JPM indices. EM FX is ELM1+ in \$.

for a Q3 EPS of around \$26, similar to Q2's \$25.8 and little changed from Q3 2011. The bottom-up analyst forecast is \$25.2, so such an outturn would represent a small positive surprise of around 3%, similar to the previous reporting season. At the time, a 3% surprise in the Q2 reporting season failed to lift equity markets during the first half of July.

- There is **not enough impetus in the macro picture** either. This week's macro news was rather mixed, raising doubts about the anticipated rebound in global manufacturing. The rebound in the September global manufacturing PMI induced us last week to re-enter our Cyclical vs. Defensive equity sector overweight, but the trade has yet to perform.
- However, **the US reporting season provides two interesting sectoral themes**. First, domestically oriented US companies are the ones whose earnings are outperforming, suggesting a focus on US-centric stocks. Second, Financials will likely be one of the bright spots in Q3 driven by improving credit and loan demand and a solid recovery in US housing. Our US Equity Strategist Tom Lee points out that a tailwind is also building for US Financials into 2013, which is the resetting of the credit scores for millions of Americans. The peak year of personal bankruptcies was 2005 and those records are removed from credit reports after 2012. Thus, we should see rapid improvements in the credit quality of millions of Americans in 2013.

Credit

- **Spreads gave a mixed picture this week** as US high-grade tightened, treasuries rallied, and lower-quality credit and equity markets sold-off. **At 160bp, US high-grade is now back to pre-August 2011 levels**, and the Fed's activity in mortgage markets seems to be bolstering demand for high-quality corporates as MBS portfolio holdings are replaced. Yet even as issuers take advantage of low all-in yields to push net supply across all USD spread product towards our forecast of \$25bn/month, \$40bn of Agency MBS purchases and \$60bn of coupon payments per month will drive a \$75bn/month shortfall of spread product going forward. **We believe such strong technicals are not fully priced in and expect further spread tightening to occur.** Eric Beinstein and his team elaborate in this week's *CMOS*.
- Our colleagues in credit derivatives strategy continue to cite liquidity as the over arching theme in European credit markets. Given that OMT can be seen as the ECB taking the role of lender of last resort, just as the Bank of England has done over the last three years, they feel that financial conditions between the UK and Europe will normalize and so examined relative value ideas between the two this week. They **argue for a long in Euro vs. UK in investment grade corporates**, which comes with an attractive entry point given the UK's recent outperformance. See Saul Doctor and team, *CD Player*.

Foreign Exchange

- A few trend reversals this week excepted, currency markets still look listless. The trade-weighted dollar and aggregate FX volatility are unchanged this week, FX volumes are below average and manager returns are flat-lining for some composites. We have argued that easy money from the world's central banks wouldn't deliver easy returns immediately since the global economy looked flaccid, commodity currencies were rich and central bank intervention likely. This remains the outlook and – unfortunately – an exercise in patience, particularly ahead of two massive weeks for US earnings and Chinese data.

More details in ...

US Credit Markets Outlook and Strategy, Eric Beinstein et al.

High Yield Credit Markets Weekly, Peter Acciavatti et al.

European Credit Outlook & Strategy, Steven Dulake et al.

Emerging Markets Cross Product Strategy Weekly, Eric Beinstein et al.

Earnings look well on track to be unimpressive but in line with expectations. Trades are mostly unchanged this week and geared around three themes: carry (long NZD/USD), less sovereign stress in Europe (long EUR/GBP and short EUR/Scandi puts) and commodity FX relative value (AUD/CAD).

- China releases its usual array of activity data next week, the last before the November leadership transition. Any data improvement should lift currencies in China's orbit (AUD, NZD, EM Asia), but how much? The China Economic Surprise Index described in this week's *FXMW* provides some guidance. Identical to the US Economic Activity Surprise Index (US EASI) we developed over 10 years ago, this one tracks the balance of positive versus negative surprises on monthly Chinese data releases since 2009. Months where the balance of surprises is positive are associated with 2% rises that month in commodity currencies, whereas months with negative surprises are associated with small declines (about 0.3%).
- Should China disappoint again as the index shows it has been doing for the past two months (see chart on right), it isn't clear that the commodity currencies would decline that much or for that long, given the proximity of the leadership transition. If China observes its usual political-business cycle by engineering stronger growth in the year after the transition, expectation for imminent stimulus would probably prevent much weakness in China-linked currencies. Regardless, we have few strong priors on this month's releases so combine limited commodity FX longs (long NZD/USD) with a relative value trade (sell downside in an oversold cross like AUD/CAD).

Chinese Economic Surprise Index



Source: J.P. Morgan

Commodities

- **Commodities are up around 2% this week**, led by oil as tensions between Turkey and Syria escalated further. Syrian crude output is very small and world oil markets are already insulated from a supply disruption caused by the sanctions and logistical constraints affecting Syrian production. Of more concern is the possible threat to the 1mbd of crude exports that pass through Turkey from Azerbaijan and Iraq to the Mediterranean around 50 miles from the Syrian border (see *Daily Oil Note*, Fenton et al., Oct 10). The threat to these pipelines seems low, while the conflict is limited to sporadic border skirmishes, but this does further raise uncertainty in an already tense situation and is likely at least partially responsible for the rally in oil this week. In our *GMOS* portfolio, **we remain long Brent time spreads**, to hedge our long risk exposures against an oil shock. This hedge has worked very well over the past weeks and we maintain it.
- USDA data out yesterday showed lower than expected corn stocks but soybeans were in line with expectations and wheat stocks were higher, although both were lower than previous USDA estimates. This caused a sharp rally in grains, which recovered all of the week's earlier decline to finish broadly flat. In *GMOS*, **we remain short agriculture** on the argument that the US harvest is essentially over and that planting conditions for the new crops are much improved and high prices mean much higher future supply. Agriculture prices have historically exhibited an element of mean reversion precisely due to this dynamic and we believe they have peaked over the summer and will gradually move lower over the coming months.

More details in ...

FX Markets Weekly, John Normand et al.

Commodity Markets Outlook & Strategy,
Colin Fenton et al.

Oil Markets Monthly, Colin Fenton et al.

Daily Metals Note, Colin Fenton et al.

Agriculture Weekly, Dietz et al.

Interest rates		Current	Dec-12	Mar-13	Jun-13	Sep-13	YTD Return*
United States	Fed funds rate	0.125	0.125	0.125	0.125	0.125	
	10-year yields	1.65	2.00	2.00	2.00	2.25	2.1%
Euro area	Refi rate	0.75	0.50	0.50	0.50	0.50	
	10-year yields	1.45	1.50	1.50	1.60	1.70	2.9%
United Kingdom	Repo rate	0.50	0.50	0.50	0.50	0.50	
	10-year yields	1.72	1.65	1.65	1.80	1.95	2.4%
Japan	Overnight call rate	0.05	0.05	0.05	0.05	0.05	
	10-year yields	0.77	0.90	0.90	0.95	1.00	1.9%
GBI-EM hedged in \$	Yield - Global Diversified	5.79	6.00				6.3%

Credit Markets	Current	Index	YTD Return*
US high grade (bp over UST)	159	JPMorgan JULI Portfolio Spread to Treasury	9.6%
Euro high grade (bp over Euro gov)	190	iBoxx Euro Corporate Index	8.6%
USD high yield (bp vs. UST)	573	JPMorgan Global High Yield Index STW	12.8%
Euro high yield (bp over Euro gov)	753	iBoxx Euro HY Index	19.0%
EMBIG (bp vs. UST)	292	EMBI Global	15.7%
EM Corporates (bp vs. UST)	340	JPM EM Corporates (CEMBI)	14.7%

Commodities	Current	Quarterly Averages				GSCI Index	YTD Return*
		12Q4	13Q1	13Q2	13Q3		
Brent (\$/bbl)	114	105	112	105	120	Energy	-1.0%
Gold (\$/oz)	1754	1725	1750	1775		Precious Metals	12.2%
Copper (\$/metric ton)	8242	8300	8500	8700		Industrial Metals	5.1%
Corn (\$/Bu)	7.52	8.75	8.50	8.25		Agriculture	17.3%

Foreign Exchange	Current	Dec-12	Mar-13	Jun-13	Sep-13	3m cash index	YTD Return* in USD
EUR/USD	1.30	1.30	1.30	1.32	1.34	EUR	0.8%
USD/JPY	78.4	78	79	79	79	JPY	1.8%
GBP/USD	1.61	1.62	1.62	1.63	1.65	GBP	4.5%
USD/BRL	2.04	2.02	2.02	2.00	1.98	BRL	-3.0%
USD/CNY	6.27	6.32	6.32	6.30	6.25	CNY	2.0%
USD/KRW	1111	1125	1125	1110	1100	KRW	5.5%
USD/TRY	1.81	1.80	1.75	1.75	1.70	TRY	11.2%

Equities	Current	YTD Return (local ccy)
S&P	1427	15.9%
Nasdaq	3044	17.3%
Topix	718	0.2%
FTSE 100	5793	7.4%
MSCI Eurozone*	144	14.2%
MSCI Europe*	1111	12.3%
MSCI EM \$*	996	11.6%
Brazil Bovespa	59162	5.5%
Hang Seng	21136	19.0%
Shanghai SE	2105	-3.0%

Sector Allocation *	US	Europe	Japan	EM
	YTD	YTD	YTD	YTD (\$)
Energy	6.8%	0.5%	-4.0%	5.5%
Materials	11.1%	8.9%	-13.1%	3.0%
Industrials	10.9%	13.9%	-3.6%	9.9%
Discretionary	19.9%	21.8%	0.0%	10.9%
Staples	12.6%	13.7%	11.3%	18.5%
Healthcare	18.5%	16.5%	8.6%	28.3%
Financials	25.0%	19.8%	18.2%	14.9%
Information Tech.	17.9%	10.1%	-10.4%	17.8%
Telecommunications	24.2%	-0.2%	5.5%	13.0%
Utilities	5.1%	7.5%	-18.2%	4.9%
Overall	15.9%	12.3%	0.2%	11.6%

*Levels/returns as of Oct 11, 2012

Local currency except MSCI EM \$

Source: J.P. Morgan

Global Economic Outlook Summary

	Real GDP			Real GDP							Consumer prices			
	% over a year ago			% over previous period, saar							% over a year ago			
	2011	2012	2013	1Q12	2Q12	3Q12	4Q12	1Q13	2Q13	3Q13	4Q11	2Q12	4Q12	2Q13
The Americas														
United States	1.8	2.1	1.9	2.0	1.3	<u>1.4</u> ↓	2.0	1.5	2.3	2.5	3.3	1.9	<u>1.9</u> ↓	<u>1.6</u> ↓
Canada	2.6	2.2	2.1	1.8	1.9	<u>1.9</u>	2.0	2.1	2.1	2.2	2.7	1.6	2.4	2.0
Latin America	4.2	2.9	3.7	2.8 ↑	2.4 ↑	<u>4.5</u>	4.0	3.3	3.6	3.9	7.2	6.0	6.3	7.3
Argentina	8.9	3.3	2.2	2.4	-3.2	<u>8.0</u>	6.0	0.0	1.5	0.5	9.6	9.9	10.0	11.0
Brazil	2.7	1.4	4.1	0.5	1.6	<u>4.8</u>	4.6	3.8	4.0	4.3	6.7	5.0	5.5	5.6
Chile	6.0	5.4	4.5	5.1	7.1	<u>3.0</u>	4.0	4.0	5.0	5.0	4.0	3.1	2.5	3.1
Colombia	5.9	4.3	4.5	0.9	6.7	<u>2.8</u>	3.8	4.2	5.5	5.5	3.9	3.4	3.1	3.2
Ecuador	8.0 ↑	4.0	4.0	4.2 ↑	4.8 ↑	<u>4.0</u>	4.0	4.0	4.0	5.0	5.5	5.1	4.2	4.4
Mexico	3.9	3.9	3.6	4.9	3.5	<u>3.5</u>	3.5	4.0	3.2	3.3	3.5	3.9	4.4	4.1
Peru	6.9	6.0	7.0	8.3	6.0	<u>5.5</u>	6.0	8.0	8.0	7.0	4.5	4.1	3.4 ↑	2.8
Uruguay	5.7	3.5	4.0	11.8	2.1	<u>9.0</u>	-9.0	12.0	7.0	9.0	8.3	8.0	7.6	7.2
Venezuela	4.2	5.0	0.0	10.1	0.6	<u>3.5</u>	-3.0	-3.0	0.0	3.0	28.5	22.3	23.4	37.3
Asia/Pacific														
Japan	-0.7	2.0	0.6	5.3	0.7	<u>-2.0</u>	-0.8	1.4	1.6	1.3	-0.3	0.2	0.0	-0.2
Australia	2.1	3.5	2.5	5.6	2.6	<u>1.5</u>	1.8	3.8	2.5	1.8	3.1	1.2	1.7	2.7
New Zealand	1.3	2.6	2.9	4.1	2.3	<u>1.5</u>	3.5	3.7	3.3	2.0	1.8	1.0	1.7	1.8
Asia ex Japan	7.4	6.1	6.4	7.2	5.7	<u>5.6</u> ↑	6.3	6.4	6.5	6.8	4.9	3.9	3.3	3.8
China	9.3	7.6	8.0	6.5	6.7	<u>7.4</u>	8.2	8.0	8.2	8.2	4.6	2.9	2.2	3.3
Hong Kong	5.0	1.2	3.2	2.4	-0.4	<u>2.0</u>	2.5	3.5	3.5	5.0	5.7	4.2	2.5	2.7
India	6.5	5.6	6.0	6.1	5.3	<u>5.2</u>	5.0	5.8	6.0	6.8	8.4	10.1	9.8	9.0
Indonesia	6.5	5.7 ↑	3.5 ↓	4.6	6.2	<u>4.0</u> ↑	3.0	3.0 ↓	4.0 ↓	4.0 ↓	4.1	4.5	3.9	2.2
Korea	3.6	2.4	3.3	3.5	1.1	<u>2.0</u>	3.5	3.5	3.5	4.0	4.0	2.4	1.9	3.0
Malaysia	5.1	4.7	2.9	5.8	5.9	<u>2.5</u>	1.5	2.0	3.0	3.5	3.2	1.7	1.1	1.2
Philippines	3.8	5.3	3.5	12.6	0.9	<u>1.2</u>	1.2	4.5	4.5	4.5	4.7	2.9	2.3	2.3
Singapore	4.9	2.1	3.4	10.0	-0.7	<u>-1.6</u>	8.2	6.1	-1.2	4.5	5.5	5.3	4.1	3.3
Taiwan	4.0	1.1	3.9	1.5	3.5	<u>1.8</u>	3.8	4.5	4.6	4.8	1.4	1.7	2.1	1.8
Thailand	0.1	5.8	2.7	50.8	13.9	<u>2.0</u>	2.0	1.5	2.0	2.0	4.0	2.5	1.3	1.1
Africa/Middle East														
Israel	4.6	3.0	3.1	3.1	3.4	<u>2.0</u>	2.8	4.9	6.1	6.1	2.5	1.6	1.3	1.5
South Africa	3.1	2.1	3.0	2.7	3.2	<u>0.3</u>	-1.2	5.9	3.8	3.6	6.1	5.7	5.3	5.4
Europe														
Euro area	1.5	-0.4 ↑	0.2 ↓	0.0	-0.7	<u>0.0</u> ↑	-1.5 ↓	0.8	0.8	1.3	2.9	2.5	2.5	2.0
Germany	3.1	1.0	1.4 ↓	2.0	1.1	<u>1.0</u> ↑	0.0 ↓	1.5	2.0	2.5	2.6	2.1	2.1	1.8
France	1.7	0.1	0.0 ↓	0.1	-0.1	<u>0.5</u> ↑	-1.5 ↓	0.0	0.5	1.0	2.6	2.3	1.9 ↓	1.3 ↓
Italy	0.5	-2.3 ↑	-0.6	-3.3	-3.3	<u>-1.0</u> ↑	-2.5 ↓	0.0	0.3	0.8	3.7	3.6	3.2 ↑	2.3 ↑
Spain	0.4	-1.5	-1.3 ↓	-1.3	-1.7	<u>-1.5</u> ↑	-4.5 ↓	-1.0	0.5	0.5	2.7	1.9	3.4 ↑	2.9 ↑
United Kingdom	0.9	-0.3	1.5	-1.2	-1.5	<u>2.0</u>	0.5	1.5	2.0	2.5	4.6	2.8	2.7	2.6
Emerging Europe	4.8	2.7	2.7	2.4	1.3	<u>1.2</u>	2.1	2.8	2.5	3.8	6.4	5.0	6.1	6.2
Bulgaria	1.7	1.0	1.5	...	...	...	...	...	...	...	...	...	...	...
Czech Republic	1.7	-1.1	0.9	-3.1	-0.8	<u>-1.2</u>	-1.3	2.1	1.0	4.3	2.4	3.4	2.9	2.4
Hungary	1.6	-1.2	0.7	-3.5	-0.9	<u>-1.0</u>	-0.5	1.0	1.5	1.8	4.1	5.5	5.9	5.0
Poland	4.3	2.4	2.1	2.4	1.6	<u>1.2</u>	1.6	1.8	2.4	3.5	4.6	4.0	3.7	2.6
Romania	2.5	0.6	0.9	0.5	1.9	<u>-1.0</u>	0.8	1.2	-0.4	3.2	3.4	1.9	4.7	6.4
Russia	4.3	3.6	3.0	3.7	1.5	<u>1.8</u>	3.0	3.5	3.0	4.0	6.8	3.9	6.7	7.4
Turkey	8.5	2.8	3.7	...	...	...	...	...	...	...	9.2	9.4	7.7	6.9
Global	3.0	2.4	2.6	3.0	1.8	<u>1.9</u> ↑	2.0 ↓	2.7	2.9	3.2	3.8	2.8	2.8	2.8
Developed markets	1.3	1.2	1.2	1.7	0.4	<u>0.5</u> ↑	0.3 ↓	1.4	1.7	1.9	2.7	1.8	1.9	1.6
Emerging markets	6.1	4.7	5.1	5.3	4.2	<u>4.6</u> ↑	5.0	5.1	5.2	5.6	5.7	4.6	4.5	5.0
Memo:														
Global — PPP weighted	3.8	3.0	3.2	3.6	2.4	<u>2.6</u> ↑	2.7 ↓	3.2	3.4 ↓	3.8	4.2	3.3	3.2 ↓	3.3

Source: J.P. Morgan

Disclosures

Analyst Certification: The research analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, the research analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the research analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report.

Analysts' Compensation: The research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

Other Disclosures

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries.

Options related research: If the information contained herein regards options related research, such information is available only to persons who have received the proper option risk disclosure documents. For a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options, please contact your J.P. Morgan Representative or visit the OCC's website at <http://www.optionsclearing.com/publications/risks/riskstoc.pdf>

Legal Entities Disclosures

U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N.A. is a member of FDIC and is authorized and regulated in the UK by the Financial Services Authority. **U.K.:** J.P. Morgan Securities plc (JPMS plc) is a member of the London Stock Exchange and is authorized and regulated by the Financial Services Authority. Registered in England & Wales No. 2711006. Registered Office 25 Bank Street, London, E14 5JP. **South Africa:** J.P. Morgan Equities Limited is a member of the Johannesburg Securities Exchange and is regulated by the FSB. **Hong Kong:** J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong. **Korea:** J.P. Morgan Securities (Far East) Ltd, Seoul Branch, is regulated by the Korea Financial Supervisory Service. **Australia:** J.P. Morgan Australia Limited (ABN 52 002 888 011/AFS Licence No: 238188) is regulated by ASIC and J.P. Morgan Securities Australia Limited (ABN 61 003 245 234/AFS Licence No: 238066) is a Market Participant with the ASX and regulated by ASIC. **Taiwan:** J.P.Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. **India:** J.P. Morgan India Private Limited, having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz East, Mumbai - 400098, is a member of the National Stock Exchange of India Limited (SEBI Registration Number - INB 230675231/INF 230675231/INE 230675231) and Bombay Stock Exchange Limited (SEBI Registration Number - INB 010675237/INF 010675237) and is regulated by Securities and Exchange Board of India. **Thailand:** JPMorgan Securities (Thailand) Limited is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission. **Indonesia:** PT J.P. Morgan Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the BAPEPAM LK. **Philippines:** J.P. Morgan Securities Philippines Inc. is a member of the Philippine Stock Exchange and is regulated by the Securities and Exchange Commission. **Brazil:** Banco J.P. Morgan S.A. is regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. **Mexico:** J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. **Singapore:** This material is issued and distributed in Singapore by J.P. Morgan Securities Singapore Private Limited (JPMSS) [MICA (P) 088/04/2012 and Co. Reg. No.: 199405335R] which is a member of the Singapore Exchange Securities Trading Limited and is regulated by the Monetary Authority of Singapore (MAS) and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) which is regulated by the MAS. **Malaysia:** This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. **Pakistan:** J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. **Saudi Arabia:** J.P. Morgan Saudi Arabia Ltd. is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad Road, P.O. Box 51907, Riyadh 11553, Kingdom of Saudi Arabia. **Dubai:** JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE.

Country and Region Specific Disclosures

U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U.K. and the EEA by JPMS plc. Investment research issued by JPMS plc has been prepared in accordance with JPMS plc's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. This report has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction. **Australia:** This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only. JPMSAL does not issue or distribute this material to "retail clients". The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the purposes of this paragraph the terms "wholesale client" and "retail client" have the meanings given to them in section 761G of the Corporations Act 2001. **Germany:** This material is distributed in Germany by J.P. Morgan Securities plc, Frankfurt Branch and J.P.Morgan Chase Bank, N.A., Frankfurt Branch which are regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht. **Hong Kong:** The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures Commission. (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months prior.) J.P. Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear

contracts and stock options listed on the Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website: <http://www.hkex.com.hk>.

Japan: There is a risk that a loss may occur due to a change in the price of the shares in the case of share trading, and that a loss may occur due to the exchange rate in the case of foreign share trading. In the case of share trading, JPMorgan Securities Japan Co., Ltd., will be receiving a brokerage fee and consumption tax (shouhizei) calculated by multiplying the executed price by the commission rate which was individually agreed between JPMorgan Securities Japan Co., Ltd., and the customer in advance. Financial Instruments Firms: JPMorgan Securities Japan Co., Ltd., Kanto Local Finance Bureau (kinsho) No. 82 Participating Association / Japan Securities Dealers Association, The Financial Futures Association of Japan, Type II Financial Instruments Firms Association and Japan Investment Advisers Association. **Korea:** This report may have been edited or contributed to from time to time by affiliates of J.P. Morgan Securities (Far East) Ltd, Seoul Branch. **Singapore:** JPMSS and/or its affiliates may have a holding in any of the securities discussed in this report; for securities where the holding is 1% or greater, the specific holding is disclosed in the Important Disclosures section above.

India: For private circulation only, not for sale. **Pakistan:** For private circulation only, not for sale. **New Zealand:** This material is issued and distributed by JPMSAL in New Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. **Canada:** The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation to the contrary is an offence. **Dubai:** This report has been issued to persons regarded as professional clients as defined under the DFSA rules.

General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to JPMS and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is as of the close of market for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent decisions regarding any securities or financial instruments mentioned herein. JPMS distributes in the U.S. research published by non-U.S. affiliates and accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise.

"Other Disclosures" last revised September 29, 2012.

Copyright 2012 JPMorgan Chase & Co. All rights reserved. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan.