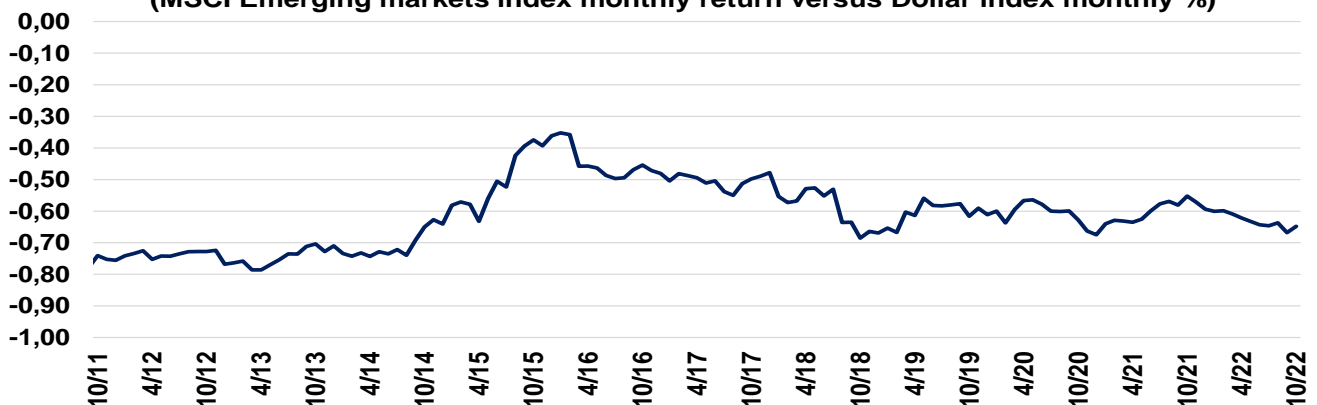


The previous two months have been consistent with seasonality, in terms of equity market returns. The weakness of equity markets in September 2022 was deeper, but in the same direction with average negative equity return in September in the history of the S&P 500 index. The strongly positive return of the S&P 500 index in October was consistent with the history, in the sense that, historically in October the S&P 500 index had exhibited wide range of returns (sharply positive or negative). The month of November has been, in the last 30 years, the second strongest on average, in terms of return for the S&P 500 index (3rd strongest for the S&P global 1200, MSCI all countries world indices). **Whether this positive seasonality will be confirmed or not in this November, may depend on the level of bond yields and geopolitics.** The US 2-year government bond yield posted high (4.74%) since July 2007 and the 10-year bond yield is near (4/11: 4.15%) the highest (21/10: 4.34%) since October 2007, as the Fed maintains (FOMC: 1-2/11) its focus on fighting inflation, although it mentioned that also monitors financials conditions. The Dollar DXY index is near (4/11: 112.5) the highest (27/9: 114.1) in twenty years, which has negatively affected the main emerging markets, as indicated by the rolling 36-month return correlation of the MSCI emerging index (10/22: -0.65) with the monthly return of the Dollar DXY index. The total return of the emerging equity index in October was -3.1%, while the developed had risen by 7.2%.

**Three-year (36-month) rolling return correlation
(MSCI Emerging markets index monthly return versus Dollar index monthly %)**



Source: Bloomberg

China has been a main emerging market in turbulence. The MSCI China has bounced by 5.6% in November (30/10-3/11), after dropping by -16.8% in October. At the end of October, the chinese index had posted the lowest close in eleven years, in parallel with its earnings per share 12-month forward estimate, posting multi-year low (since mid-2017). The strong dollar/weak chinese currency usually weighs negatively on equity market sentiment in China, as indicative of elevated uncertainty about the condition of the country. The USD had recently risen at a high (31/10: 7.30) versus yuan since December 2007, while the slight moderation in November (4/11: 7.25) is consistent with the recovery of the chinese equity market during the first days of the month. China may be planning to abolish the flight suspension Covid-related restrictions. The Hang Seng China index has recovered by 11% in November. **An emerging country index, which is euro denominated and has likely positively been affected by the low level of the euro, is the Greek stock index.** The ASE index (4/11: 861.8, 21-day average: 844, 200-day average: 868) bounced by 10.4% in October, with its 12-month forward earnings per estimate (€82) at the highest in almost eleven years, while elevated bond yields are a challenge. More widely in Europe, the Stoxx 600 index is slightly above (4/11: 409.5) its 21-day average (400), its P/E 12-month forward ratio is mild (11.2 times), but the German 10-year yield is (2.25%) quite elevated (6-month average: 1.48%).

The week ahead

Eurozone Sentix investor confidence for November will be released (7/11). **US** mid-term elections (8/11) and inflation (10/11) are expected (estimate: 8.0%, September: 8.2%). The core inflation may have remained at 6.6%.

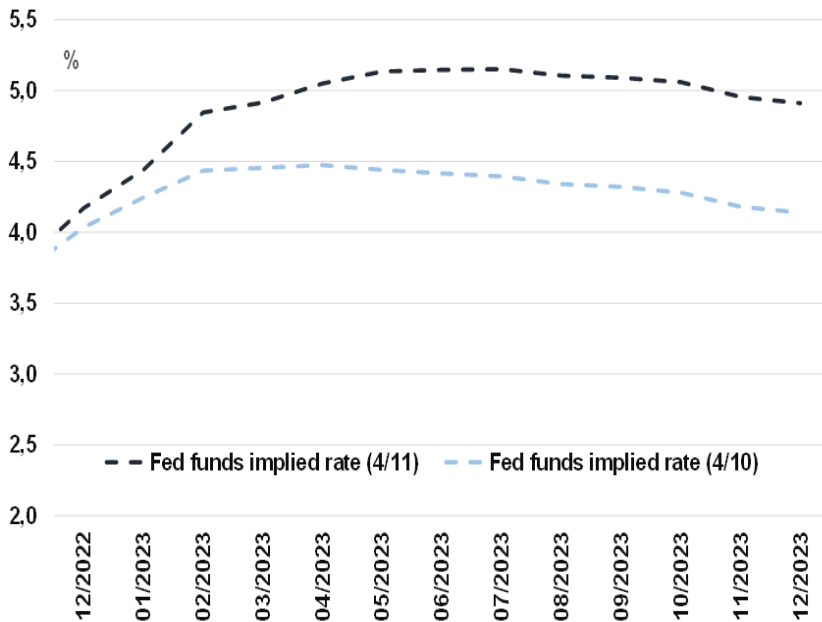
Quote of the Week:

The President of the Fed said: "Still have some way to go on rate hikes, seeing rate hike effects on demand, like in housing. The time to slow rate hikes may come as soon as at the FOMC in December".

Global Markets in Charts

The fed funds futures market implied rate is elevated

Fed funds implied rate (money market futures)

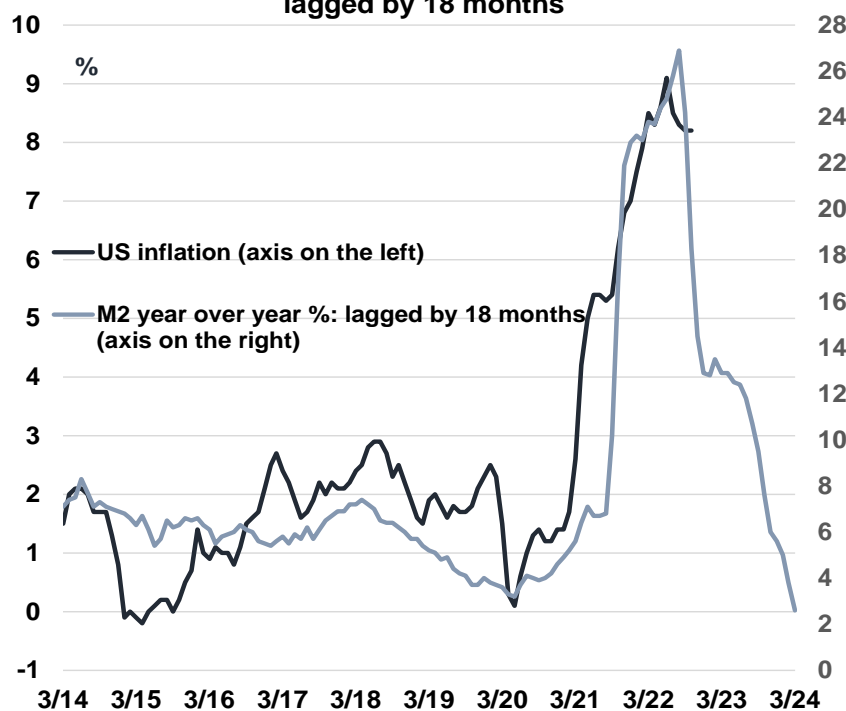


In the US, the futures implied Fed funds rate (money market), is higher compared to one-month ago. The Fed remains focused in fighting elevated inflation, while in the text of the most recent FOMC, it mentioned that also notes how financial conditions evolve. The Fed's President said that it is "very premature to think about pausing rate hikes" and that "the ultimate rate level is higher than previously expected". As bond yields and geopolitical uncertainty are elevated, the defensive sectors of the S&P 500 equity index have been quite resilient.

The EUR/USD has been trading sideways in the short-term (\$0.9630-\$1.000), while the focus is on how relative German to US bond yields will be, after the release of the non-farm payrolls today (4/11).

On year over year basis, the M2 measure has moderated, probably indicating milder inflation pressures in the mid-term

US: inflation versus the M2 measure yoy% lagged by 18 months



Source: Bloomberg







The M2 money supply measure includes the M1 (currency and coins held by the non-bank public, checkable deposits and travelers' checks) plus savings deposits (including money market deposit accounts) in the US, time deposits and shares in retail money market mutual funds. It had posted the highest year over year increase (26.9%) in six decades in February 2021, while US inflation increased above 7.5% at the horizon of 12-18 months later (2/22: 7.9%, 9/22: 8.2%).

More recently, the M2 measure moderated on year over year basis, at the lowest (9/22: 2.6%) since July 2010, probably indicating lower inflation pressures ahead at the 12-18 month time horizon. Geopolitics and the path of the oil price will be key about inflation. While the price of oil is still elevated, the year over increase is not extreme, almost at (3/11: 9%) the long-term average (1983-2022: 8.9%).

Global Markets Minesweeper
Event Risk Calendar, 7- 11 November 2022

Monday 7/11						
Date Time	Country	Event	Period	Survey	Prior	
7/11 09:00	GE	Industrial Production SA (MoM)	Sep	0.00%	-0.80%	
7/11 11:30	EC	Sentix Investor Confidence	Nov	-35.0	-38.3	
7/11 22:00	US	Consumer Credit	Sep	\$32.000b	\$32.241b	
Eco Event	EC	ECB President C. Lagarde speaks (10:40)				
	US	Fed's Collins and Mester speak (22:40)				
Tuesday 8/11						
Date Time	Country	Event	Period	Survey	Prior	
8/11 01:30	JN	Household Spending (YoY)	Sep	2.70%	5.10%	
8/11 01:30	JN	Real Cash Earnings (YoY)	Sep	-1.80%	-1.70%	
8/11 07:00	JN	Leading Index CI	Sep P	97.6	101.3	
8/11 07:00	JN	Coincident Index	Sep P	101.1	101.8	
8/11 12:00	EC	Retail Sales (MoM)	Sep	0.50%	-0.30%	
8/11 12:00	EC	Retail Sales (YoY)	Sep	-1.10%	-2.00%	
8/11 13:00	US	NFIB Small Business Optimism	Oct	91.5	92.1	
Eco Event	US	US mid-term elections				
Corp. Results	EC	Deutsche Post, Bayer, Porsche, CNH Industrial				
	US	Walt Disney, DuPont de Nemours				
Wednesday 9/11						
Date Time	Country	Event	Period	Survey	Prior	
9/11 01:50	JN	BoP Current Account Adjusted	Sep	¥6.3b	-¥530.5b	
9/11 01:50	JN	Trade Balance BoP Basis	Sep	-¥1673b	-¥2490b	
9/11 03:30	CH	PPI (YoY)	Oct	-1.60%	0.90%	
9/11 03:30	CH	CPI (YoY)	Oct	2.40%	2.80%	
9/11 07:00	JN	Eco Watchers Survey Current SA	Oct	50	48.4	
9/11 07:00	JN	Eco Watchers Survey Outlook SA	Oct	50.1	49.2	
9/11 17:00	US	Wholesale Inventories (MoM)	Sep F	0.80%	0.80%	
Corp. Results	EC	Adidas, KBC, ABN AMRO Bank, Veolia				
Thursday 10/11						
Date Time	Country	Event	Period	Survey	Prior	
10/11 01:50	JN	Money Stock M2 (YoY)	Oct	3.20%	3.30%	
10/11 01:50	JN	Money Stock M3 (YoY)	Oct	2.80%	2.90%	
10/11 15:30	US	CPI (MoM)	Oct	0.70%	0.40%	
10/11 15:30	US	CPI Ex Food and Energy (MoM)	Oct	0.50%	0.60%	

November 4, 2022

10/11 15:30	US	CPI (YoY)	Oct	8.00%	8.20%	
10/11 15:30	US	CPI Ex Food and Energy (YoY)	Oct	6.60%	6.60%	
10/11 15:30	US	Initial Jobless Claims	5-Nov		217k	
10/11 21:00	US	Monthly Budget Statement	Oct		-\$429.7b	
Eco Event	US	Fed's Williams speech (10:00)				
Corp. Results	EC	Allianz, Deutsche Telecom, Generali, RWE				
		Friday 11/11				
Date Time	Country	Event	Period	Survey	Prior	
11/11 01:50	JN	PPI (YoY)	Oct	8.80%	9.70%	
11/11 01:50	JN	PPI (MoM)	Oct	0.60%	0.70%	
11/11 09:00	UK	Monthly GDP (MoM)	Sep		-0.30%	
11/11 09:00	UK	GDP (QoQ)	3Q P	-0.40%	0.20%	
11/11 09:00	UK	GDP (YoY)	3Q P	2.20%	4.40%	
11/11 09:00	GE	CPI (MoM)	Oct F	0.90%	0.90%	
11/11 09:00	GE	CPI (YoY)	Oct F	10.40%	10.40%	
11/11 09:00	UK	Industrial Production (MoM)	Sep	-0.40%	-1.80%	
11/11 09:00	UK	Trade Balance GBP/Mn	Sep	-£7894m	-£7080m	
11/11 17:00	US	U. of Mich. Sentiment 1yr inflation	Nov P		5%	
11/11 17:00	US	U. of Mich. Sentiment	Nov P	59.6	59.9	
	US	Veterans' Day (stock market open)				
Eco Event	EU	EU releases its autumn economic forecast (12:00)				
	EC	ECB chief economist Philip Lane speaks (18:00)				
	US	Fed's Mester discusses the Economic Outlook (19:30)				
	US	Fed's George speech (20:30)				

Global Markets Analysis

+30 210-3268410

marketanalysis@alpha.gr

Maria Koutouzi

maria.koutouzi@alpha.gr

Ioannis Kouravelos, CFA

ioannis.kouravelos@alpha.gr

Konstantinos Anathreptakis, CFA

konstantinos.anathreptakis@alpha.gr

Nikolaos Sakarelis

nikolaos.sakarelis@alpha.gr

Disclaimer: The information herein is believed to be reliable and has been obtained from sources believed to be reliable, but we make no representation or warranty, express or implied, with respect to the fairness, correctness, accuracy or completeness of such information. In addition we have no obligation to update, modify or amend this communication or to otherwise notify a recipient in the event that any matter stated herein, or any opinion, projection, forecast or estimate set forth herein, changes or subsequently becomes inaccurate. We are not acting and do not purport to act in any way as an advisor or in a fiduciary capacity. We therefore strongly suggest that recipients seek their own independent advice in relation to any investment, financial, legal, tax, accounting or regulatory issues discussed herein. Analyses and opinions contained herein may be based on assumptions that if altered can change the analyses or opinions expressed. Nothing contained herein shall constitute any representation or warranty as to future performance of any financial instrument, credit, currency rate or other market or economic measure. Furthermore, past performance is not necessarily indicative of future results. This communication is provided for information purposes only. It is not an offer to sell, or a solicitation of an offer to buy, any security, nor to enter into any agreement or contract with Alpha bank or any affiliates. In addition, because this communication is a summary only it may not contain all material terms, and therefore this communication in and of itself should not form the basis for any investment decision. Financial instruments that may be discussed herein may not be suitable for all investors, and potential investors must make an independent assessment of the appropriateness of any transaction in light of their own objectives and circumstances, including the possible risks and benefits of entering into such a transaction. By accepting receipt of this communication the recipient will be deemed to represent that they possess, either individually or through their advisers, sufficient investment expertise to understand the risks involved in any purchase or sale of any financial instrument discussed herein. Any duplication, copy, reprint or transmission of this document is prohibited without the prior written permission of the issuer.