EuroZone Market Monitor – 31 October 2022

Data sources: Bloomberg; Barclays; EuroStat; Oxford-Man Institute; Milliman FRM



#### Asset Price Monitor

# Local Equity Markets

- Major global equity indices fell at the start of the month, but eventually pared their losses and ended the month positively.
- The Euro Stoxx 50 ended the month up 9.1%.
- The FTSE 100 gained 3.0% in October.

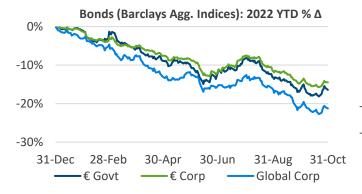
#### **Global Equity Markets**

- Developed market equities outperformed their emerging market counterparts, with the S&P 500 and the Japanese Topix up 8.1% and 5.1%, respectively.
- In contrast, the MSCI Emerging Markets index lost 3.1% in October.

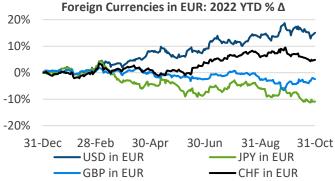
### **Bond/FX Markets**

- Both the European government and corporate bond indices were relatively unchanged over the month.
- The Euro had a mixed performance in October, gaining 0.9% and 3.4% against the US Dollar and the Japanese Yen, respectively. Meanwhile, it weakened by 1.8% against the British Pound.









Total Returns as of October 31, 2022												
	Euro Stox 50	<sup>X</sup> FTSE 100	SMI	US (S&P)	Japan (Topix)	Em/Mkts (MSCI)	€ Govt	€ Corp	CHF in EUR	USD in EUR	JPY in EUR	GBP in EUR
1 Month	9.1%	3.0%	5.5%	8.1%	5.1%	-3.1%	0.1%	0.1%	-2.2%	-0.9%	-3.4%	1.8%
3 Month	-2.2%	-3.4%	-2.7%	-5.9%	0.5%	-14.0%	-8.6%	-7.3%	-1.7%	3.4%	-7.3%	-2.6%
1 Year	-12.1%	1.7%	-8.0%	-14.6%	-1.0%	-30.7%	-16.4%	-14.4%	6.9%	16.9%	-10.3%	-2.0%
YTD	-13.2%	-0.8%	-13.5%	-17.7%	-0.7%	-29.2%	-16.4%	-14.5%	4.8%	15.0%	-10.9%	-2.5%

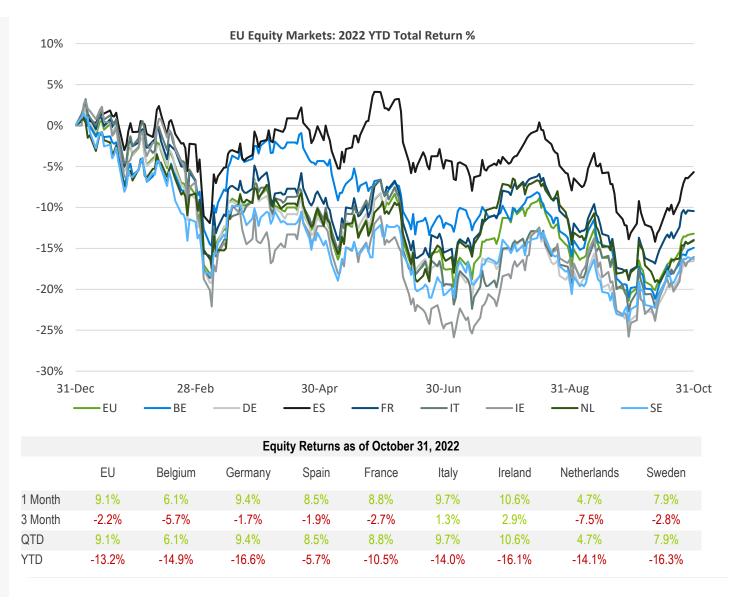


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**Eurozone Equity** 

- All major European equities made gains in October.
- The Irish equity market was the best performer of the month, up 10.6%.
- Dutch equities made the smallest gain in the region in October, returning 4.7%
- The Spanish equity market remains as the outperformer year-to-date, down 5.7% for the year so far.
- The German equity market is the worst performing equity market in the region year-to-date, having lost 16.6%.



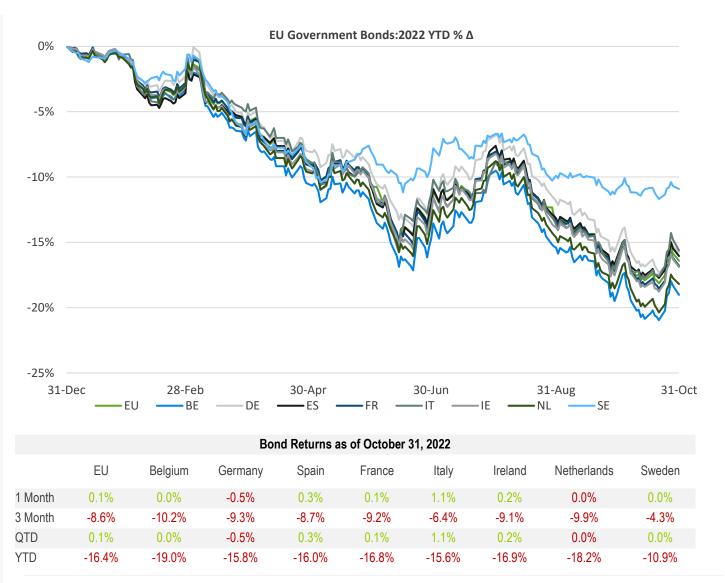


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# **Eurozone Government Bonds**

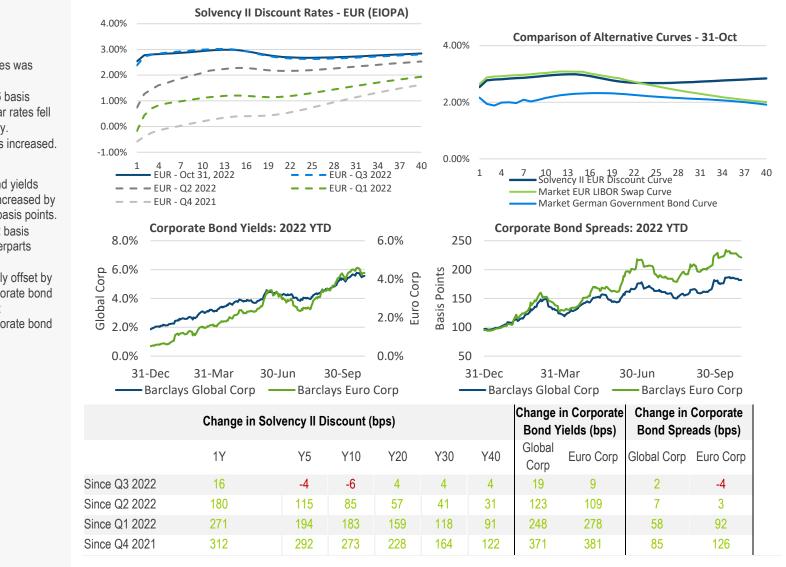
- The major European government bond indices had a mixed performance in October, with the majority having a relatively flat performance.
- The Italian government bond index was the outperformer in the region, up 1.1%.
- The German government bond index was the worst performer in October, having lost 0.5%.
- Similar to last month, Swedish government bonds have suffered the smallest drop this year, down 10.9% year-to-date.
- The Belgian government bond index remains the worst performer year-to-date, down 19.0% for the year so far.





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# Liability Valuation Monitor

#### **Risk Free Rates**

- The movement in EUR risk-free rates was mixed in October.
- The 1-year risk-free rate rose by 16 basis points. Meanwhile the 5 and 10-year rates fell by 4 and 6 basis points, respectively.
- The longer-term EUR risk-free rates increased.

# **Corporate Bonds**

- European and global corporate bond yields increased in October. The former increased by 9 basis points and the latter by 19 basis points.
- Global credit spreads widened by 2 basis points, whilst their European counterparts tightened by 4 basis points.
- The rise in risk-free rates was mostly offset by the tightening in the European corporate bond spreads, resulting in a relatively flat performance for the European corporate bond index.

# **Milliman**

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the last report.

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Data sources: Bloomberg; Barclays; EuroStat; Oxford-Man Institute; Milliman FRM



The Solvency II risk-free discount rates are based on applying the Smith-Wilson Extrapolation to LIBOR swap rates sourced from Refinitiv and applying the Credit Risk Adjustment as defined in the Technical Specs. The data is provided by EIOPA and as of 31/10/22.

The Credit Risk Adjustment is a component of the risk-free discount curve defined by EIOPA. It is calculated from actual experience in the 'LIBOR-OIS' spread (3) months for EUR), and is bounded between 0.10 and 0.35. We show actual LIBOR-OIS spread levels and the defined CRA, for EUR.

EIOPA fundamental spreads show the credit spread corresponding to the risk of default or downgrading of an asset. This is shown here across financial and nonfinancial assets, credit quality steps 0-3 and durations of 1-30 years. The data is provided by EIOPA and as of 31/10/22. Fundamental spread = maximum (probability of default + cost of downgrade; 35% of long-term average spread). In the tables we show the 'before floor' measure = probability of default + cost of downgrade.

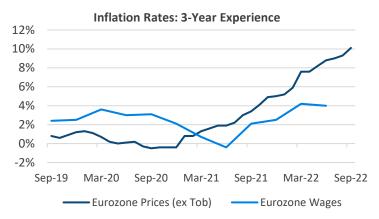


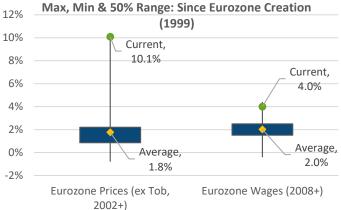
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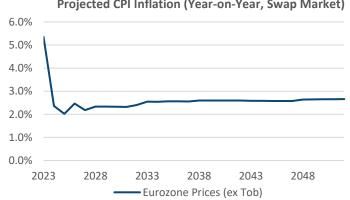
Data sources: Bloomberg; Barclays; EuroStat; Oxford-Man Institute; Milliman FRM

# Inflation Monitor

- Eurozone price inflation rose to 10.1% in September, an increase of 80 basis points from the previous month.
- The Eurozone projected CPI curve rose at the very near-term but the rest of the curve remained relatively unchanged from the previous month.
- The Eurozone Q3 2022 GDP growth figure fell by 220 basis points to 2.1%, after the previous quarter's figure was revised higher by 20 basis points.
- There were no updates to the wage inflation figure this month.









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#### Projected CPI Inflation (Year-on-Year, Swap Market)

EuroZone Market Monitor – 31 October 2022

Data sources: Bloomberg; Barclays; EuroStat; Oxford-Man Institute; Milliman FRM

# Inflation Monitor

- Inflation figures for major European economies were mixed in September.
- For the second consecutive month, Dutch price inflation saw the largest increase in the region, with the headline figure increasing by 350 basis points to 17.4%, which was the highest price inflation in the Euro area in September.
- Spanish prices fell by 150 basis points to 9.1%, the largest drop in comparison to the other European economies.
- France remained the country with the lowest price inflation in the Eurozone, at 5.7%.
- There were no updates to the wage inflation figures this month.





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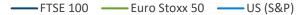
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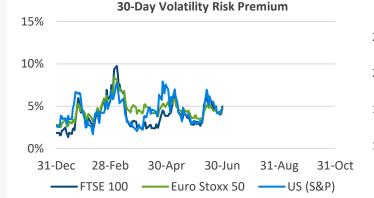
#### Volatility and Hedging Cost Monitor

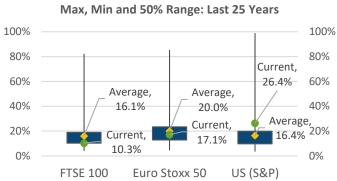
- Realised volatilities on major indices were mixed in September, declining by month-end for the European indices but increasing for the S&P 500.
- The FTSE 100 ended the month with a realised volatility of 10.3%. The same measure stood at 17.1% and 26.4% on the Euro Stoxx 50 and the S&P 500.
- \*\* Please note that due to some missing data the volatility risk premiums have only been updated to the 28<sup>th</sup> of June. \*\*

Please contact Milliman for more information on the basis and methodology used for these results.













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Data sources: Bloomberg; Barclays; EuroStat; Oxford-Man Institute; Milliman FRM

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