Global Markets Roundup



National Bank of Greece | Economic Research Division | February 22, 2022

Bad things come in threes: Geopolitical, economic, and policy uncertainty increased due to the military standoff at Ukraine's borders

- Global markets entered the current week on a weak footing as the Ukraine crisis escalated further, worsening the prospects for growth (lower) and inflation (higher). Russia recognized the independence and sovereignty of the self-proclaimed People's Republics of Donetsk and Luhansk, located in eastern Ukraine. Moreover, Russia decided to deploy military troops in these two regions.
- The international community's response is still taking shape, with an emergency meeting of the United Nations Security Council being called. For the time being, the US decided to prohibit new investment, trade and financing by US persons to, from, or in the aforementioned regions of Ukraine. At the same time, the US, the European Union, the United Kingdom and Japan have pledged to impose significant economic sanctions against Russia, with details expected soon.
- Looking forward, the latest developments argue against a swift, diplomacy-driven, resolution of the ongoing geopolitical crisis, with a full-scale military conflict in Ukraine remaining a major risk.
- The MSCI ACWI has declined by -2.3% in February (-7% YtD), with Developed Markets (-2.7% | -8% YtD) underperforming their Emerging peers (-1% | -1% YtD). The Eurostoxx50 index has decreased by -2.2% in February (-7% YtD).
- On Tuesday, the Eurostoxx50, which initially fell by 2%, broadly erased losses at the time of writing. Long-term Government bond nominal interest rates have been slightly up at +1.95% (US Treasury) and +0.27% (Bund), following their early-trading declines. Having said that, the dispute between Ukraine and Russia is expected to continue to generate volatility.
- Euro area equities' valuations have headed south in the past six months, with the 12-month forward P/E ratio declining to 14.2x from 17.6x in July and approaching its 20-year average (14x). On the other hand, expectations for 2022 corporate profitability have drifted up by 9% to circa €278 per share in the same period (see graph page 3). An environment of decelerating economic growth due to escalating geopolitical tensions could drive EPS revisions lower.
- While euro area imports (from) and exports (to) Russia are circa 0.5% and 0.6% of GDP, the skewness of imports toward minerals and fuels suggests asymmetric risks to euro area outlook (see graph below). Note that Europe depends on Russia for circa 25% of its oil imports, 40% of its natural gas imports and 45% of its coal imports.
- In terms of leadership, Energy stocks have increased by +2.4% in February, widening their YtD gains to +21%, as oil prices climbed toward \$100/barrel reflecting the likelihood of a substantial disruption to Russian crude oil supply with exports of 4.5M barrels/day (production: circa 11M barrels/day). The Dutch TTF Gas March 2022 contract increased by 8% to EUR79/MWh on Tuesday.
- Euro area Technology stocks have declined by -9% in February (-20% YtD) as rate-sensitive long "duration" stocks have lost ground amid rising real interest rates. Equally importantly, have underperformed their US peers, with the Nasdaq's Composite index (-13% YtD) 50-DMA declining below its 200-DMA (see graph page 3).

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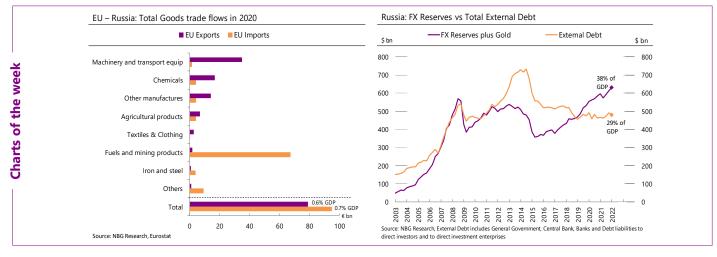
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US retail sales rose sharply in January, well above expectations

- Nominal retail sales rose by 3.8% mom in January, the largest monthly increase since March 2021, posting more than a full recovery after a -2.5% mom in December. The latest performance exceeded by a wide margin consensus estimates for +1.9% mom. As far as the annual pace of growth is concerned, it decelerated to +13.0% from +16.7% in December, solely due to an easing of favorable base effects. To discount for these effects, we note that the annualized rate of growth of retail sales compared with the same month two years ago, stood at a particularly robust +11.0% in January from +9.3% in the previous month.
- In all, the Atlanta Fed's GDPNowcast model points to growth of +3.2% qoq saar for private consumption in Q1:22 (+5.0% yoy), from +3.3% qoq saar in Q4:21 (+7.1% yoy). The aforementioned model suggests a deceleration of real GDP growth to +1.3% qoq saar (+4.3% yoy) in Q1:22 from +6.9% qoq saar (+5.5% yoy) in Q4:21, albeit mostly related to contributions from inventories (a sharp +4.9 pps to the headline figure in Q4:21 | expected to pose a drag in Q1:22).

Euro area composite PMI posted a services-led substantial improvement in February

- PMIs suggest a strengthening of economic momentum in **February.** Specifically, the composite index came out at a 5-month high of 55.8, compared with 52.3 in January, versus consensus estimates for 53.0. Both the improvement and the positive surprise was due to the services PMI, which rose by 4.7 pts to 55.8, as confidence within travel, tourism & recreation benefitted from a loosening of pandemic-related restrictions. At the same time, the manufacturing PMI was little changed (-0.3 pts to 58.4). Notably, manufacturers reported some easing of supply bottlenecks, with supplier delivery delays at their lowest since January 2021. However, with sharp demand continuing to outpace production, backlogs of uncompleted work posted a steep rise (an increase, albeit more modest, was also recorded in services). The associated greater pricing power of manufacturers and services providers, combined with soaring energy costs and higher wages, resulted in average prices charged for goods and services rising at the sharpest rate on record (i.e. in c. 25 years), at the composite level.
- Regarding PMI performance by country, the improvement was broad based, with France overperforming Germany (modestly) and more so, the rest of the euro area at the composite level.
 Specifically, in France, the composite PMI rose to 57.4 in February from 52.7 in January, with both the services PMI (57.9 from 53.1) and its manufacturing peer (57.6 from 55.5), improving.
- Germany's composite PMI also increased significantly, by 2.4 pts to 56.2 in February. The improvement was due to the services PMI rising by 4.4 pts to 56.6. At the same time, the headline manufacturing index was down by 1.3 pts, to (a still solid) 58.5. Meanwhile, the IFO business survey improved across sectors (manufacturing, retail trade, construction and services) in February. In all, the business climate index rose by 2.9 pts to 98.9, above consensus estimates for 96.4 as well as an average of 97.1 since 2005. The increase was due to both the expectations component (expectations for business conditions in the next six months | +3.4 pts to 99.2) and the component regarding the assessment of current conditions (2.4 pts to 98.6).

UK price pressures continue to build up

- Headline CPI came out at +5.5% yoy in January, from +5.4% yoy in December, modestly above consensus estimates for a stable outcome and the highest since March 1992. Price pressures were broad-based. Specifically, the annual growth of the energy component remained particularly elevated in January, at +23.2% from +24.5% yoy in December. At the same time, the respective pace for prices of food, alcoholic beverages & tobacco, was little changed in January, at +4.0% yoy from +4.1% previously. Meanwhile, core CPI (i.e. excluding the two aforementioned components) declined on monthly basis, by 0.35% (not seasonally adjusted | "nsa"). Nevertheless, such a development should not be interpreted as an easing of the underlying momentum. Instead, it is common in January of each year due to the start of winter sales. In fact, the latest performance meaningfully lagged its norm (prepandemic 25-year average of -1.3% mom), as discounts were relatively more modest this year. As a result, the annual growth accelerated by 0.2 pps to +4.4%, moderately above expectations for +4.3% and the highest since May 1992.
- Looking forward, a further acceleration for the headline CPI is expected in February, to +5.9% yoy according to Bank of England (BoE | February Monetary Policy Report). The latest data on pipeline price pressures corroborate that view. In the event, the momentum for Producer Price Inflation (PPI) was sharp in January, including both price indices of materials and fuels purchased by UK manufacturers (PPI input: +0.9% mom nsa | +13.6% yoy) and factory gate prices (PPI output: +1.2% mom nsa | +9.9% yoy).
- In all, the BoE places the peak of CPI inflation in April 2022 (at c. 71/4% yoy), when a reset is due to take place in the energy price cap from the energy regulator Office of Gas and Electricity Markets (the cap limits the rates which suppliers can charge for their default tariffs). Recall that a substantial increase in the cap is expected due to significantly higher prices for international energy commodities since the last reset in October 2021.

Japanese real GDP posted a strong, consumptiondriven, recovery in Q4:21

Real GDP rose by 1.3% qoq in Q4:21 according to the preliminary estimate (+0.7% yoy), following an upward revised (by 0.2 pps) -0.7% qoq (+1.2% yoy) in Q3:21. The fallout compared with pre-pandemic (Q4:19) levels, narrowed to just 0.2%, while growth in FY:2021 came out at +1.7% yoy following a -4.5% yoy in 2020. The outcome in Q4:21 was broadly anticipated after pandemic-related states of emergency (which were lifted as of end-September) depressed GDP for the most part of Q3:21 and especially so, the private consumption. In the event, private consumption jumped by 2.7% qoq (+1.9% yoy), being the major driver of overall growth (+1.4 pps) in Q4:21, from -0.9% qoq (+0.5% yoy) in Q3:21. Net exports added further 0.2 pps, as exports rose by 1.0% qoq (+5.9% yoy), whereas imports fell by 0.3% qoq (+5.2% yoy). Meanwhile, business investment increased by 0.4% gog (+0.1% yoy) in Q4:21, contributing 0.1 pp to the headline figure (-2.4% gog | +1.0% yoy in the previous quarter). On the other hand, residential investment was down by 0.9% gog (minor drag on overall GDP growth | -0.7% yoy), from -1.6% gog (+0.1% yoy) in Q3. At the same time, government consumption fell by 0.3% gog (-0.1 pp | +0.9% yoy), from +1.1% gog (+2.0% yoy) in Q3:21, while public investment declined by 3.3% qoq (-0.2 pps | -10.9% yoy), from -3.0% qoq (-5.7% yoy). Finally, inventories subtracted 0.1 pp from the headline figure.



Equities

 Global equity markets declined in the past week, as escalating geopolitical tensions in Ukraine continued to take center stage, weighing on investors sentiment. The MSCI ACWI ended the past week down by 1.7% wow (-7% ytd), with Developed Markets underperforming (-1.8% wow | -8% ytd) their Emerging Markets peers (-0.7% wow | 0% ytd). In the US, the S&P500 declined by 1.6% wow, recording losses for a second consecutive week. The index's increase on Tuesday (+1,6%), following reports that some of the Russian military forces near Ukraine's borders were returning to their bases, proved only short-lived after US and NATO officials refuted the reports and commented that a full-scale assault is still likely, with the S&P500 declining by 2.1% on Thursday (its 2nd largest decrease in 2022) and by 0.7% on Friday. Option-implied volatility (Cboe VIX Index) increased further at 28% compared with 23% on average in the previous week. Regarding the Q4:2021 earnings season, out of the 423 companies that have reported results so far, circa 78% have exceeded analysts' estimates, with the EPS growth at +31% yoy. Notably, based on earnings calls transcripts, 18 of the companies that have reported so far, have cited the term "Ukraine", the highest percentage since 2014. Moreover, the 25 companies with the highest combined revenue exposure to Russia & Ukraine have seen an average price decline of 9.2% ytd versus an average decline of all companies of 5.3% ytd. On the other side of the Atlantic, the EuroStoxx fell by 1.9% in the past week (-6% ytd), and by further 2% on Monday, after Russia commented that there are no concrete plans yet for a summit between President Putin and President Biden, contradicting claims by the White House.

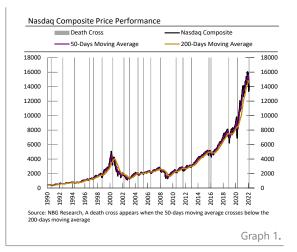


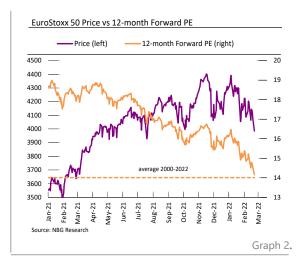
 Government bond nominal yields declined in the past week, due to the elevated investors' risk aversion as the geopolitical concerns increased. Specifically, in the US, the 10-year yield fell by 2 bps wow to 1.93%, with the bulk of the decline occurring on Thursday and Friday (-12 bps cumulatively). Apart from the conflict in Ukraine, weaker-than-expected economic data (initial jobless claims, Philadelphia Fed Index) also contributed to the downside. Earlier in the week, the yield has reached 2.05%, its highest level since July 2019, after the Producer Price Index (PPI) climbed 1% mom (+9.7% yoy) in January, the most in 8 months. Meanwhile, the 2-year yield, which is relatively more closely related to monetary policy prospects, declined by 5 bps wow to 1.47%, with market expectations for a 50 bps hike by the Federal Reserve (Fed) in March decreasing to less than 30%, following the release of the minutes of the latest Federal Reserve meeting. In Germany, the 10-year Bund yield fell by 7 bps wow to +0.20%, declining significantly from its intra-week high (0.31%), which was its highest level since November 2018. Similarly, periphery government bond yields fell in the past week. Specifically, in Italy, the 10-year yield declined by 8 bps wow to 1.83%, in Portugal, it fell by 7 bps wow to 1.08%, while in Greece it decreased by 3 bps wow to 2.56%. Corporate bond spreads widened in the past week. Specifically, EUR high yield spreads increased by 16 bps wow to 404 bps, while their USD counterparts rose by 12 bps to 378 bps. In the Investment Grade spectrum, the EUR spreads increased by 7 bps to 127 bps, while their USD counterparts rose by 10 bps to 120 bps.

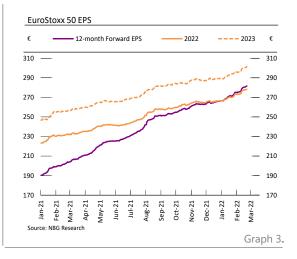
FX and Commodities

 In foreign exchange markets, the Japanese Yen appreciated in the past week, due to the investors' increased safe-haven demand, amid mounting geopolitical risks. Overall, the Yen ended the week up by 0.6% against the US dollar to ¥115.15 and by 1.2% against the euro to ¥130.59. Finally, in commodities, oil prices fell in the past week, posting their 1st week with losses after 8 consecutive positive weeks, with the supply concerns regarding the Russia/Ukraine crisis being more than offset by supply optimism in view of signs of progress towards a US-Iran nuclear deal. Moreover, the increase of US oil inventories (+1.1 million barrels to 412 million barrels for the week ending February 11th) contributed also to the downside. Overall, the WTI ended the week down by 2.2% to \$91.1/barrel and the Brent by 1.0% to \$93.5/barrel.

National Bank of Greece | Economic Research Division | Global Markets Analysis







Quote of the week: "There are three conditions that will have to be met before the Governing Council feels sufficiently confident that a tilt in our policy rate is appropriate. All the three conditions are meant as safeguards against a premature increase in interest rates. Finally, any adjustment to our policy will be gradual.", President of the ECB, Christine Lagarde, February 14th 2022.



0-Yr Gov. Bond Yield (%)	February 18th	3-month	6-month	12-month	Official Rate (%)	February 18th	3-month	6-month	12-month
Germany	0,20	0,30	0,40	0,50	Euro area	-0,50	-0,50	-0,50	-0,25
US	1,93	2,05	2,15	2,35	US	0,25	0,50	1,00	2,00
UK	1,39	1,22	1,33	1,52	UK	0,50	0,70	1,05	1,25
Japan	0,22	0,15	0,17	0,18	Japan	-0,10	-0,10	-0,10	-0,10
Currency	February 18th	3-month	6-month	12-month		February 18th	3-month	6-month	12-month
EUR/USD	1,13	1,13	1,13	1,14	USD/JPY	115	114	114	113
EUR/GBP	0,83	0,85	0,86	0,86	GBP/USD	1,36	1,33	1,32	1,32
EUR/JPY	130	129	129	129					

United States	2019a	Q1:20a	Q2:20a	Q3:20a	Q4:20a	2020a	Q1:21a	Q2:21a	Q3:21a	Q4:21a	2021a
Real GDP Growth (YoY) (1)	2,3	0,6	-9,1	-2,9	-2,3	-3,4	0,5	12,2	4,9	5,5	5,7
Real GDP Growth (QoQ saar) (2)	-	-5,1	-31,2	33,8	4,5	-	6,3	6,7	2,3	6,9	-
Private Consumption	2,2	-6,9	-33,4	41,4	3,4	-3,8	11,4	12,0	2,0	3,3	7,9
Government Consumption	2,2	3,7	3,9	-2,1	-0,5	2,5	4,2	-2,0	0,9	-2,9	0,5
Investment	3,2	-2,3	-30,4	27,5	17,7	-2,7	13,0	3,3	-0,9	1,3	7,7
Residential	-0,9	20,4	-30,7	59,9	34,4	6,8	13,3	-11,7	-7,7	-0,8	9,0
Non-residential	4,3	-8,1	-30,3	18,7	12,5	-5,3	12,9	9,2	1,7	2,0	7,3
Inventories Contribution	0,1	-1,0	-4,6	6,6	1,4	-0,6	-3,7	-1,7	2,1	5,0	0,0
Net Exports Contribution	-0,2	0,1	1,4	-5,6	-2,4	-0,2	-2,0	-0,4	-1,5	-0,4	-1,8
Exports	-0,1	-16,3	-59,9	54,5	22,5	-13,6	-2,9	7,6	-5,3	24,5	4,6
Imports	1,2	-13,1	-53,1	89,2	31,3	-8,9	9,3	7,1	4,7	17,7	14,0
Inflation (3)	1,8	2,1	0,3	1,2	1,3	1,2	1,9	4,9	5,4	6,7	4,7
Euro Area	2019a	Q1:20a	Q2:20a	Q3:20a	Q4:20a	2020a	Q1:21a	Q2:21a	Q3:21a	Q4:21a	2021a
Real GDP Growth (YoY)	1,6	-3,1	-14,5	-4,0	-4,4	-6,4	-1,1	14,4	3,9	4,6	5,2
Real GDP Growth (QoQ saar)	-	-13,2	-39,2	60,5	-1,4	-	-0,8	9,1	9,4	1,2	-
Private Consumption	1,4	-16,3	-41,9	69,3	-11,4	-8,0	-9,0	16,5	18,4	7,1	3,2
Government Consumption	1,8	-0,7	-10,3	23,7	3,1	1,2	-2,4	8,5	2,0	2,0	3,5
Investment	6,4	-16,6	-58,3	68,9	11,3	-7,3	0,0	5,0	-3,4	6,0	5,2
Inventories Contribution	-0,1	1,5	-0,9	-5,9	2,1	-0,5	4,1	-1,5	-0,5	-0,3	0,4
Net Exports Contribution	-0,8	-1,7	1,5	10,3	0,0	-0,4	0,5	-0,5	1,0	-1,3	1,2
Exports	2,5	-13,5	-56,4	83,9	18,5	-9,4	4,8	10,2	5,6	6,0	9,8
Imports	4,6	-10,8	-59,5	55,2	20,6	-9,3	4,1	12,5	3,9	9,6	7,9
Inflation	1,2	1,1	0,2	0,0	-0,3	0.3	1,0	1,8	2,9	4,7	2,6

	US	Euro Area	Japan	UK
Equity Markets	Hassive Fiscal loosening will support the economy 2022 EPS growth expectations have further room to increase Share buybacks could resume Peaking profit margins High market cap concentration P/Es (Valuations) approaching dot-com levels	+Still high equity risk premium relative to other regions + Modest fiscal loosening in 2022 + 2022 EPS estimates remain strong - Political uncertainty (Italy, German Elections) could intensify - Logistic disruptions (vaccine) and renewed lockdowns delay the recovery	BoJ - Signs of policy fatigue regarding structural reforms and fiscal discipline - Strong appetite for foreign assets	+65% of FTSE100 revenues from abroad +Undemanding valuations in relative terms - Elevated Policy uncertainty to remain
	Neutral/Positive	Neutral	Neutral	Neutral/Negative
dovernment bonds	+Valuations appear rich with term-premium below 0% +Sizeable fiscal deficit +Underlying inflation pressures under Average Inflation Targeting - Global search for yield by non-US investors continues - Safe haven demand - Fed: End of asset purchases by mid-March 2022	- Fragile growth outlook	+ Sizeable fiscal deficits + Restructuring efforts to be financed by fiscal policy measures - Safe haven demand - Extremely dovish central bank - Yield-targeting of 10-Year JGB at around 0%	+Elevated Policy uncertainty to remain +Inflation expectations could drift higher due to sup disruptions post Brexit -The BoE is expected to raise rates 4 times in 2022 - Slowing economic growth post-Brexit
	▲ Slightly higher yields expected	Slightly higher yields expected	Stable yields expected	Slightly higher yields expected
roleigii Excilalige	+ Safe-haven demand - Fed's interest rate differential disappeared following cuts to 0%-0.25% - Global political uncertainty to decline	+ Reduced short-term tail risks + Current account surplus - Sluggish growth - Deflation concerns - The ECB's monetary policy to remain loose (APP)	+Safe haven demand +More balanced economic growth recovery (long- term) +Inflation is bottoming out - Additional Quantitative Easing by the Bank of Japan if inflation does not approach 2%	+Valuations appear undemanding with REER below 15-year average - Sizeable Current account deficit



Economic Calendar

In the US, the main macro event next week is the second estimate of GDP for Q4:21, which is released on Thursday. GDP growth is expected to be unchanged compared with the previous estimate at 6.9% qoq saar. On Friday, January's personal income and consumption and PCE data (the Fed's preferred measure for gauging inflation developments) for January will gather investors' attention. On Thursday, the weekly initial and continuing jobless claims will provide a more updated view of labor market conditions.

In Japan, high frequency activity indicators for January (industrial production, retail sales) will be closely monitored to assess the economic momentum.

US GDP Growth and Consensus Forecasts —GDP Growth (QoQ, annualized) Forecasts 36 36 30 30 24 — 24 18 18 12 — 12 n -12 -12 -18 -18 -24 -24 -30 -30 -36

Source: NBG Research

Economic News Calendar for the period: February 8 - February 21, 2022

					Wednesday 16					Thursday 17				_
US		S 12.0 -	A 3.1	P -0.7	US		S	Α	Р	US	February 12	S	Α	P
Empire Manufacturing	February December		114.5	137.9	Retail Sales Advance MoM Retail sales ex-autos (MoM)	January January	1.9% + 0.9% +	5.070	-2.5% -2.8%	Initial Jobless Claims (k)	February 12 February 5	220 - 1617 +		225 1619
Net Long-term TIC Flows (\$ bn)	December	**	114.5	157.9		January		1.4%	-2.6%	Continuing Claims (k)	January			1885
UK ILO Unemployment Rate	December	4.1%	4.1%	4.1%	Industrial Production (MoM) NAHB housing market	•				Building permits (k) Housing starts (k)	January January	1750 + 1695 -		1708
EURO AREA	Seccinoei	4.170	7.170	7.170	confidence index	February	83 -	82	83	Philadelphia Fed Business	•			
GDP (QoQ)	Q4:21	0.3%	0.3%	0.3%	FOMC Minutes	January 26				Outlook	February	20.0 -	16.0	23.2
GDP (YoY)	Q4:21	4.6%	4.6%	4.6%	UK	Juliadi y 20				JAPAN				
Trade Balance SA (€ bn)	December		-9.7	-1.8	CPI (YoY)	January	5.4% +	5.5%	5.4%	Exports YoY	January	16.5% -	9.6%	17.5%
JAPAN		••	5.,	1.0	Core CPI (YoY)	January	4.3% +		4.2%	Imports YoY	January	37.0% +		41.1%
GDP (QoQ)	Q4:21	1.3%	1.3%	-0.7%	EURO AREA	,					,			
GERMANY					Industrial Production (sa, MoM)	December	0.3% +	1.2%	2.4%					
ZEW survey current situation	February	-7.0 -	-8.1	-10.2	Industrial Production (wda, YoY)	December		1.6%	-1.4%					
ZEW survey expectations	February	54.3	54.3	51.7	CHINA									
					CPI (YoY)	January	1.1% -	0.9%	1.5%					
Friday 18					Monday 21									
us		S	Α	Р	UK		S	Α	Р	1				
Existing home sales (mn)	January	6.10 +		6.09	Markit UK PMI Manufacturing SA	February	56.9 +		57.3					
UK	•				Markit/CIPS UK Services PMI	February	55.5 +	60.8	54.1					
Retail sales Ex Auto MoM	January	2.0% -	1.7%	-3.9%	EURO AREA									
EURO AREA					Markit Eurozone Manufacturing	Eobrassa	58.4	58.4	58.7					
Consumer Confidence Indicator	February	-7.9 -	-8.8	-8.5	PMI	February								
JAPAN					Markit Eurozone Services PMI	February	52.0 +		51.1					
CPI (YoY)	January		0.5%	0.8%	Markit Eurozone Composite PMI	February	53.0 +	55.8	52.3					
Core CPI (YoY) - ex. Fresh Food	January	0.3% -	0.2%	0.5%	JAPAN									
Core CPI (YoY) - ex. Fresh Food and Energy	January		-1.1%	-0.7%	PMI manufacturing	February		52.9	55.4					
Tuesday 22					Wednesday 23					Thursday 24				
US		S	Α	P			S	Α	P	US		S	Α	P
S&P Case/Shiller house price	December	18.0%		18.3%						GDP (QoQ, annualized)	Q4:21	6.9%		6.9%
index 20 (YoY) Conference board consumer										New home sales (k)	January	799		811
confidence	February	109.3		113.8						Initial Jobless Claims (k) Continuing Claims (k)	February 19 February 12			248 1593
Markit US Manufacturing PMI	February	56.0		55.5						Continuing Claims (k)	rebluary 12			1595
GERMANY	rebluary	50.0	**	33.3										
IFO- Business Climate Indicator														
ii O business cilinate indicator	February	96.4		95.7										
	February	96.4		95.7										
IFO-Expectations	February	96.0		95.2										
IFO-Expectations	February	96.0		95.2										
IFO-Expectations IFO- Current Assesment	February	96.0		95.2										
IFO-Expectations IFO- Current Assesment Friday 25	February	96.0 96.5		95.2 96.1						Monday 28				
IFO-Expectations IFO- Current Assesment Friday 25 US	February February	96.0 96.5		95.2 96.1	EURO AREA		s	A	P	JAPAN		S	A	P
IFO-Expectations IFO- Current Assesment Friday 25 US Personal income (MoM)	February February	96.0 96.5 S -0.4%		95.2 96.1 P 0.3%	Business Climate Indicator	February	1.8	A	1.8	JAPAN Retail sales (MoM)	January	S	A	-1.2%
IFO-Expectations IFO- Current Assesment Friday 25 US Personal income (MoM) Personal spending (MoM)	February February January January	96.0 96.5 S -0.4% 1.0%	A	95.2 96.1 P 0.3% -0.6%	Business Climate Indicator Economic confidence indicator	February	1.8 113.0		1.8 112.7	JAPAN Retail sales (MoM) Retail sales (YoY)	January			-1.2% 1.2%
Friday 25 US Personal income (MoM) PCE Deflator (YoY) PCE Deflator (YoY)	February February January January January	96.0 96.5 S -0.4% 1.0% 6.0%	A	95.2 96.1 P 0.3% -0.6% 5.8%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY)		1.8		1.8	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM)	January January			-1.2% 1.2% -1.0%
IFO-Expectations IFO- Current Assesment Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Deflator (YoY) PCE Core Deflator (YoY)	February February January January January January	96.0 96.5 S -0.4% 1.0% 6.0% 5.1%	A	95.2 96.1 P 0.3% -0.6% 5.8% 4.9%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY	February January	1.8 113.0 6.7%		1.8 112.7 6.9%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%
Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Deflator (YoY) Durable goods orders (MoM)	February February January January January	96.0 96.5 S -0.4% 1.0% 6.0%	A	95.2 96.1 P 0.3% -0.6% 5.8%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ)	February January Q4:21	1.8 113.0 6.7% -0.7%		1.8 112.7 6.9%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM)	January January			-1.2% 1.2% -1.0%
IFO-Expectations IFO- Current Assesment Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Core Deflator (YoY) Durable goods orders (MoM) Durable goods orders ex	February February January January January January	96.0 96.5 S -0.4% 1.0% 6.0% 5.1%	A	95.2 96.1 P 0.3% -0.6% 5.8% 4.9%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ) GDP (wda, YoY)	February January Q4:21 Q4:21	1.8 113.0 6.7% -0.7% 1.4%		1.8 112.7 6.9% -0.7% 1.4%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%
IFO-Expectations IFO- Current Assesment Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Deflator (YoY) Durable goods orders (MoM) Durable goods orders ex transportation (MoM)	January January January January January January January	96.0 96.5 S -0.4% 1.0% 6.0% 5.1% 0.6%	A	P 0.3% -0.6% 5.8% 4.9% -0.7% 0.6%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Private Consumption (QoQ)	February January Q4:21 Q4:21 Q4:21	1.8 113.0 6.7% -0.7% 1.4% 0.8%		1.8 112.7 6.9% -0.7% 1.4% 6.2%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%
Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Deflator (YoY) Durable goods orders (MoM) Durable goods orders ex transportation (MoM) Pending home sales (MoM)	January January January January January January	96.0 96.5 \$ -0.4% 1.0% 6.0% 5.1% 0.6%	A	95.2 96.1 P 0.3% -0.6% 5.8% 4.9% -0.7%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ) GDP (wda, YoY)	February January Q4:21 Q4:21	1.8 113.0 6.7% -0.7% 1.4%		1.8 112.7 6.9% -0.7% 1.4%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%
Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Deflator (YoY) Durable goods orders (MoM) Durable goods orders (MoM) Pending home sales (MoM) Pending home sales (MoM) Pending home sales (MoM) UK	January January January January January January January January	96.0 96.5 S -0.4% 1.0% 6.0% 5.1% 0.6%	A	95.2 96.1 P 0.3% -0.6% 5.8% 4.9% -0.7% 0.6% -3.8%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Private Consumption (QoQ)	February January Q4:21 Q4:21 Q4:21	1.8 113.0 6.7% -0.7% 1.4% 0.8%		1.8 112.7 6.9% -0.7% 1.4% 6.2%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%
Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Deflator (YoY) Durable goods orders (MoM) Durable goods orders ex transportation (MoM) Pending home sales (MoM)	January January January January January January January	96.0 96.5 S -0.4% 1.0% 6.0% 5.1% 0.6%	A	P 0.3% -0.6% 5.8% 4.9% -0.7% 0.6%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Private Consumption (QoQ)	February January Q4:21 Q4:21 Q4:21	1.8 113.0 6.7% -0.7% 1.4% 0.8%		1.8 112.7 6.9% -0.7% 1.4% 6.2%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%
Friday 25 US Personal income (MoM) Personal spending (MoM) PCE Core Deflator (YoY) Durable goods orders (MoM) Durable goods orders (MoM) Pending home sales (MoM) Pending home sales (MoM) UK	January January January January January January January January	96.0 96.5 S -0.4% 1.0% 6.0% 5.1% 0.6%	A	95.2 96.1 P 0.3% -0.6% 5.8% 4.9% -0.7% 0.6% -3.8%	Business Climate Indicator Economic confidence indicator M3 money supply (YoY) GERMANY GDP (QoQ) GDP (wda, YoY) Private Consumption (QoQ)	February January Q4:21 Q4:21 Q4:21	1.8 113.0 6.7% -0.7% 1.4% 0.8%		1.8 112.7 6.9% -0.7% 1.4% 6.2%	JAPAN Retail sales (MoM) Retail sales (YoY) Industrial Production (MoM) Industrial Production (YoY)	January January January			-1.2% 1.2% -1.0% 2.7%

S: Consensus Analysts Survey, A: Actual Outcome, P: Previous Outcome



Developed N	larkets	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	Emerging Markets	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)
US	S&P 500	4349	-1.6	-8.8	11.1	28.4	MSCI Emerging Markets	69780	-0.9	-0.4	-12.1
Japan	NIKKEI 225	27122	-2.1	-5.8	-10.3	15.9	MSCI Asia	1054	-1.0	-1.5	-16.8
UK	FTSE 100	7514	-1.9	1.7	13.5	8.0	China	82	-1.6	-1.3	-34.7
Canada	S&P/TSX	21008	-2.5	-1.0	15.0	17.2	Korea	852	-0.3	-6.5	-13.4
Hong Kong	Hang Seng	24328	-2.3	4.0	-20.5	-12.0	MSCI Latin America	97171	-1.3	5.3	-3.5
Euro area	EuroStoxx	452	-1.9	-5.7	10.1	7.2	Brazil	332412	-1.1	8.5	-11.3
Germany	DAX 40	15043	-2.5	-5.3	8.3	9.1	Mexico	48322	-2.1	-3.2	17.9
France	CAC 40	6930	-1.2	-3.1	21.0	13.4	MSCI Europe	6468	-3.8	-6.7	6.3
Italy	FTSE/MIB	26507	-1.7	-3.1	15.6	4.0	Russia	1363	-4.5	-10.1	8.0
Spain	IBEX-35	8590	-2.4	-1.4	6.6	-14.8	Turkey	2293143	-0.5	10.4	39.9

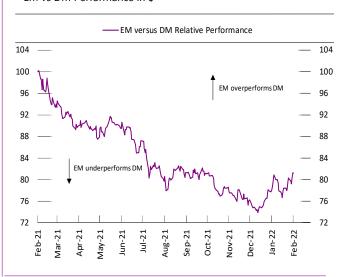
in US Dollar terms	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)	2-year change (%)	in local currency	Current Level	1-week change (%)	Year-to-Date change (%)	1-Year change (%)
Energy	205.9	-3.8	18.0	40.8	14.7	Energy	209.4	-3.6	18.3	43.1
Materials	351.4	-0.5	-2.4	6.8	33.7	Materials	333.8	-0.4	-2.2	10.0
Industrials	321.4	-1.6	-8.3	3.4	15.1	Industrials	318.9	-1.5	-8.1	6.5
Consumer Discretionary	394.7	-1.0	-10.6	-0.4	36.9	Consumer Discretionary	382.5	-1.0	-10.5	1.7
Consumer Staples	286.3	0.5	-2.4	11.3	12.6	Consumer Staples	284.8	0.6	-2.2	13.7
Healthcare	334.2	-1.9	-9.6	4.9	16.6	Healthcare	328.9	-1.9	-9.5	6.5
Financials	151.3	-2.7	1.3	18.0	19.6	Financials	151.0	-2.6	1.6	20.5
IT	492.5	-2.4	-14.0	5.4	43.4	IT	477.7	-2.4	-13.9	6.4
Telecoms	93.6	-2.6	-12.3	-7.7	15.3	Telecoms	97.9	-2.5	-12.3	-6.7
Utilities	153.7	-1.1	-6.4	2.4	-5.5	Utilities	156.9	-1.0	-6.3	4.5

10-Year Government Bond Yields	Current	Last week	Year Start	One Year Back	10-year average	Government Bond Yield Spreads (in bps)	Current	Last week	Year Start	One Year Back
US	1.93	1.95	1.51	1.29	2.03	US Treasuries 10Y/2Y	46	42	78	117
Germany	0.20	0.27	-0.16	-0.33	0.47	US Treasuries 10Y/5Y	11	8	25	74
Japan	0.22	0.22	0.07	0.09	0.24	Bunds 10Y/2Y	69	63	48	36
UK	1.39	1.51	0.97	0.64	1.42	Bunds 10Y/5Y	27	22	29	30
Greece	2.56	2.59	1.32	0.87	7.01					
Ireland	0.80	0.84	0.25	0.00	1.82	Corporate Bond Spreads (in	Current	Lastal.	V Ctt	One Year
Italy	1.83	1.91	1.17	0.67	2.37	bps)	Current	Last week	Year Start	Back
Spain	1.18	1.18	0.57	0.34	2.01	EM Inv. Grade (IG)	156	148	139	146
Portugal	1.08	1.15	0.46	0.24	3.09	EM High yield	667	636	618	503
						US IG	120	110	98	94
US Mortgage Market	Current	Last week	Year Start	One Year	10-year	US High yield	378	366	310	346
(1. Fixed-rate Mortgage)	Current	Lust week	rear Start	Back	average		370	300	310	340
30-Year FRM ¹ (%)	4.05	3.83	3.31	2.98	3.99	Euro area IG	127	120	98	87
vs 30Yr Treasury (bps)	179.9	157.5	138.9	91.5	126.5	Euro area High Yield	404	388	331	313

Foreign Exchange	Current	1-week change (%)	1-month change (%)	1-Year change (%)	Year-to-Date change (%)	Commodities	Current	1-week change (%)	1-month change (%)	1-Year change (%)
Euro-based cross rates		<u> </u>	<u> </u>						<u> </u>	
EUR/USD	1.13	-0.5	0.0	-6.1	-0.3	Agricultural	484	0.0	4.9	21.9
EUR/CHF	1.04	-1.1	0.4	-3.6	0.8	Energy	301	-0.8	5.9	48.0
EUR/GBP	0.83	-0.4	0.3	-3.5	-0.6	West Texas Oil (\$/bbl)	91	-2.2	4.7	50.5
EUR/JPY	130.59	-1.2	0.7	2.3	-0.3	Crude brent Oil (\$/bbl)	94	-1.0	5.8	46.3
EUR/NOK	10.19	1.6	2.4	-0.6	1.7	HH Natural Gas (\$/mmbtu)	4.4	9.7	-9.4	-48.2
EUR/SEK	10.62	0.6	2.7	5.5	3.1	TTF Natural Gas (EUR/mwh)	74	-4.7	-2.4	325.7
EUR/AUD	1.58	-0.6	0.6	1.3	1.0	Industrial Metals	541	2.4	3.4	29.7
EUR/CAD	1.44	-0.1	1.7	-5.9	0.6	Precious Metals	2483	3.1	2.6	4.9
USD-based cross rates						Gold (\$)	1898	2.1	3.1	6.9
USD/CAD	1.27	0.4	1.8	0.1	0.8	Silver (\$)	24	1.7	-0.9	-11.4
USD/AUD	1.39	0.0	0.6	7.9	1.3	Baltic Dry Index	1964	-0.7	25.1	11.0
USD/JPY	115.15	-0.6	0.7	8.8	0.0	Baltic Dirty Tanker Index	699	1.7	1.0	11.5







Data as of February 18th – Rebased @ 100

Equity Market Performance - G4



Data as of February 18th – Rebased @ 100

Equity Market Performance – Euro Area G4



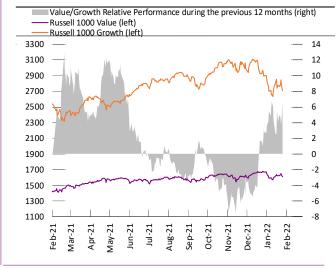
Data as of February 18th – Rebased @ 100

Equity Market Performance - BRICs



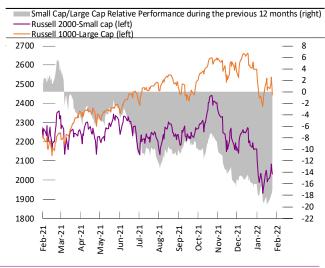
Data as of February 18th – Rebased @ 100

Russell 1000 Value & Growth Index



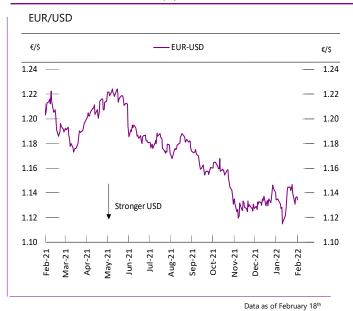
Data as of February 18th

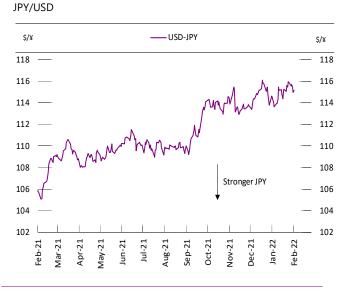
Russell 2000 & Russell 1000 Index



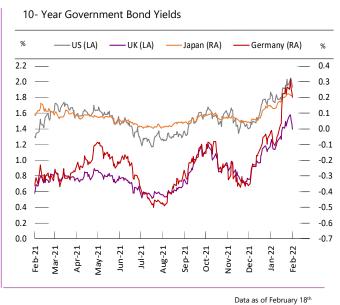
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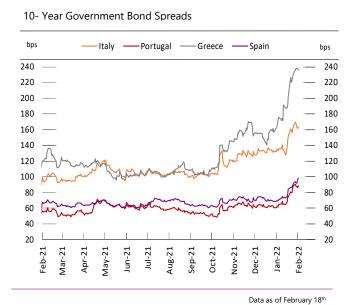




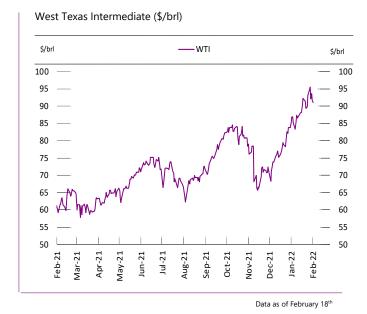


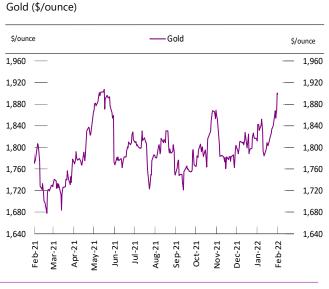
Data as of February 18th





Data as of February 18th
LA:Left Axis RA:Right Axis





Data as of February 18th



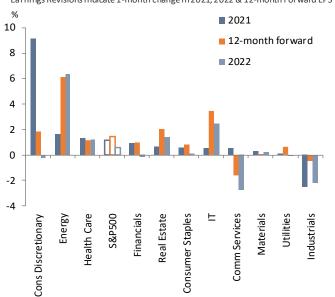
US Sectors Valuation

		Price (\$)		EPS Gro	owth (%)	Dividend	Yield (%)		P/	E Ratio			P/BV R	atio	
	18/2/22	% Weekly Chang	ge %YTD	2021	2022	2021	2022	2021	2022	12m fwd	10Yr Avg	2021	2022	Current	10Yr Avg
S&P500	4349	-1.6	-8.8	50.1	8.5	1.4	1.5	21.1	19.5	19.2	17.0	4.5	4.1	4.0	2.9
Energy	515	-3.7	21.8	N/A	33.8	3.4	3.5	N/A	12.3	12.4	15.5	2.2	2.1	2.1	1.7
Materials	527	-0.3	-7.6	85.5	5.4	1.8	1.9	16.3	15.5	15.5	16.0	3.2	2.9	2.9	2.6
Financials															
Diversified Financials	1065	-2.6	-2.7	61.3	-6.5	1.3	1.5	15.4	16.5	16.2	14.8	2.2	2.0	2.0	1.6
Banks	430	-2.8	2.8	91.2	-17.1	2.2	2.4	11.1	13.4	13.1	11.5	1.4	1.3		1.1
Insurance	561	-0.4	1.9	35.0	-1.1	1.9	2.1	14.1	14.2	14.0	11.6	1.7	1.6	1.6	1.2
Real Estate	279	-1.8	-13.9	15.8	8.0	2.6	2.8	22.4	20.7	20.5	18.8	3.8	3.9		3.3
Industrials															
Capital Goods	833	-1.9	-6.5	48.0	23.9	1.6	1.7	23.8	19.2	18.9	17.1	4.7	4.5	4.4	3.9
Transportation	1072	1.0	-4.9	N/A	106.5	1.3	1.6	N/A	19.7	N/A	13.7	6.5	6.0	5.8	4.0
Commercial Services	456	-1.3	-16.0	19.2	10.2	1.1	1.2	27.7	25.2	24.8	21.3	5.7	5.2	5.2	3.7
Consumer Discretionary															
Retailing	3752	-1.0	-11.2	43.7	-3.2	0.5	0.6	30.0	31.0	30.3	26.7	13.0	10.8	10.6	8.8
Consumer Services	1436	0.4	-5.0	N/A	2508.5	0.9	1.0	N/A	34.1	N/A	28.4	29.3	23.4	22.6	9.9
Consumer Durables	455	0.7	-14.6	60.4	18.4	1.2	1.4	16.0	13.5	13.3	17.6	4.1	3.5	3.5	3.4
Automobiles and parts	163	0.1	-18.0	97.1	23.1	0.1	0.2	42.6	34.6	N/A	14.6	7.1	5.9	5.8	2.6
IT															
Technology	3179	-0.2	-6.8	48.0	9.3	0.8	0.8	25.9	23.7	23.5	15.1	17.3	15.5	15.2	6.2
Software & Services	3309	-3.5	-15.0	21.1	14.8	0.8	0.9	31.2	27.2	26.7	20.9	9.8	8.6	8.4	6.1
Semiconductors	2232	0.0	-15.1	39.7	10.9	1.1	1.2	21.3	19.2	19.0	15.4	6.9	6.1	5.9	3.8
Communication Services	229	-2.5	-14.5	39.8	3.2	0.9	0.9	19.0	18.4	18.1	18.9	3.8	3.4	3.4	3.2
Media	905	-2.8	-16.5	56.3	5.8	0.2	0.3	21.9	20.7	20.3	22.3	4.9	4.3	4.3	3.6
Consumer Staples															
Food & Staples Retailing	658	0.7	-6.2	20.6	7.8	1.5	1.5	23.6	21.8	21.6	18.0	5.2	4.6	4.6	3.5
Food Beverage & Tobacco	844	1.0	3.3	12.5	4.4	3.0	3.1	20.3	19.5	19.3	18.3	5.9	5.5	5.6	5.1
Household Goods	922	1.8	-5.6	3.6	5.2	2.0	2.2	28.0	26.6	26.3	21.1	11.4	11.1	11.0	6.5
Health Care															
Pharmaceuticals	1161	-2.3	-10.6	28.8	9.8	1.9	2.1	14.4	13.1	13.3	15.2	5.8	4.8	4.8	4.2
Healthcare Equipment	1832	-2.1	-8.5	21.8	4.3	1.1	1.1	20.3	19.4	19.2	16.6	4.2	3.8	3.7	3.0
Utilities	335	-1.4	-7.8	2.2	4.8	3.1	3.2	20.1	19.2	19.0	17.0	2.1	2.0	2.0	1.8

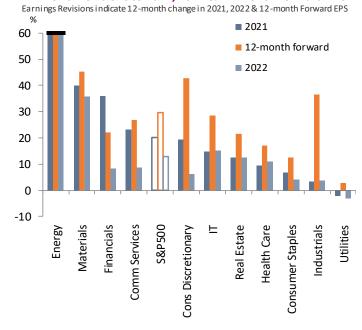
Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average, light orange a value less than -1standard devation from average.

1-month revisions to 2021, 2022 & 12-month Forward EPS

Earnings Revisions indicate 1-month change in 2021, 2022 & 12-month Forward EPS



12-month revisions to 2021, 2022 & 12-month Forward EPS



Data as of February 18^{th} 12-month forward EPS are 86% of 2022 EPS and 14% of 2023 EPS

Data as of February 18th

12-month forward EPS are 86% of 2022 EPS and 14% of 2023 EPS

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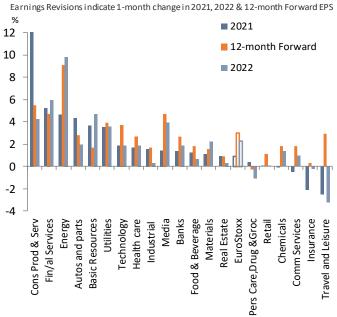


Euro Area Sectors Valuation

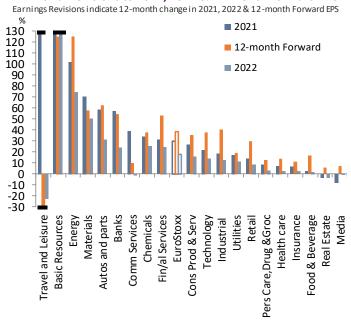
		Price (€)		EPS Gro	wth (%)	Dividend	Yield (%)		P/	E Ratio			P/I	BV Ratio	
<u>-</u>	18/2/22	% Weekly Change	e %YTD	2021	2022	2021	2022	2021	2022	12m fwd	10Yr Avg	2021	2022	Current	10Yr Avg
EuroStoxx	452	-1.9	-5.7	80.6	8.6	2.8	3.0	16.0	14.7	14.6	14.4	1.9	1.8	1.7	1.5
Energy	308	-2.6	6.8	521.7	17.8	4.8	4.9	10.6	9.0	9.1	13.1	1.4	1.3	1.3	1.2
Materials	987	0.2	-5.4	198.7	-5.8	2.4	2.6	12.7	13.5	13.6	15.7	2.1	1.9	1.9	1.7
Basic Resources	249	-2.3	0.4	N/A	N/A	2.5	2.8	N/A	5.4	5.8	11.9	1.0	8.0	8.0	0.7
Chemicals	1426	0.6	-6.1	87.5	3.9	2.4	2.6	18.1	17.4	17.3	16.6	2.6	2.4	2.4	2.3
Financials															
Fin/al Services	547	-1.8	-5.5	39.3	22.9	2.6	2.9	15.1	12.3	12.4	14.5	1.5	1.5	1.5	1.2
Banks	109	-5.1	8.4	100.8	1.0	5.4	5.5	9.3	9.2	9.1	9.9	0.7	0.7	0.7	0.7
Insurance	312	-4.7	1.9	43.6	4.3	5.3	5.3	10.3	9.9	9.8	9.5	1.0	0.9	0.9	0.9
Real Estate	216	0.4	-2.9	4.4	10.4	3.6	3.9	18.0	16.3	16.1	17.0	0.9	0.8	8.0	1.0
Industrial	1061	-2.4	-9.4	32.0	20.4	1.9	2.2	22.6	18.8	18.4	17.1	3.3	3.1	3.0	2.6
Consumer Discretionary															
Media	256	-3.2	-10.4	5.2	16.4	2.1	2.4	22.7	19.5	19.3	17.1	5.2	4.8	4.7	2.1
Retail	605	-2.7	-12.6	99.2	15.5	3.3	3.7	26.0	22.5	22.2	26.5	4.6	4.4	4.3	5.7
Automobiles and parts	639	-1.6	1.4	778.5	5.2	4.5	4.6	7.2	6.8	6.7	8.9	1.1	1.0	1.0	1.0
Travel and Leisure	194	-5.6	0.2	N/A	N/A	0.7	1.4	N/A	N/A	N/A	N/A	2.7	2.6	2.6	2.2
Technology	808	-2.5	-17.8	41.0	13.1	0.8	1.0	27.1	24.0	23.4	21.1	4.1	3.7	3.6	3.6
Communication Services	288	-1.6	-0.3	13.2	-20.8	3.9	4.1	12.0	15.1	15.0	14.3	1.5	1.5	1.5	1.7
Consumer Staples															
Food, Beverage & Tobacco	184	1.4	-4.0	35.6	13.8	1.5	1.9	23.9	21.0	20.7	19.9	2.4	2.3	2.3	2.6
Personal Care, Drug & Grocery St	185	-2.3	-8.0	3.6	3.6	2.3	2.5	17.3	16.7	16.5	17.5	2.5	2.3	2.3	2.4
Consumer Products & Services	470	0.5	-10.9	85.4	7.4	1.3	1.5	32.6	30.4	29.9	24.3	7.3	6.4	6.3	4.0
Health care	859	-0.9	-7.9	15.3	6.2	2.1	2.2	18.2	17.1	16.9	16.5	2.4	2.2	2.2	2.3
Utilities	372	-0.6	-5.6	36.8	2.2	4.7	4.3	13.9	13.6	13.5	13.5	1.6	1.6	1.6	1.2

Blue box indicates a value more than +2standard devation from average, light blue a value more than +1standard devation from average. Orange box indicates a value less than -2standard devation from average, light orange a value less than -1standard devation from average

1-month revisions to 2021, 2022 & 12-month Forward EPS



12-month revisions to 2021, 2022 & 12-month Forward EPS



Data as of February 18th 12-month forward EPS are 86% of 2022 EPS and 14% of 2023 EPS

Data as of February 18th

12-month forward EPS are 86% of 2022 EPS and 14% of 2023 EPS

National Bank of Greece | Economic Research Division | Global Markets Analysis



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