OTP Weekly Outlook

Rest of the year and first week of 2023 spotlight:
 Flash estimate on the euro area's December inflation
 December's US job report
This week:

- US inflation fell sharply in November
- The Fed hiked by 50 bips, but was hawkish on the policy outlook
- So was the ECB, which promised to continue tightening after a 50 bips hike
- October's European and November's US macro data disappointed but December's Europe PMIs improved
- While investors had turned very optimistic after latest US CPI data on Tuesday, hawkish signals from central bankers depressed investors for the rest of the week, especially in Europe.
- Stocks declined as recession fears persisted.
- Bond yields went steeply higher in the euro area and dropped w/w in the USA.
- The EUR/USD rose above 1.06
- Crude oil futures gained, the TTF gas price plunged to 121 EUR/MWh as EU gas stocks are higher than usual.





In the spotlight for the rest of the year and early 2023: Flash estimate

on the euro area's December inflation; December's US job report

Date*		Cd.	Event/Data	Period	Cons.	Prev.
2022 12.19.	10:00	DE	FO Econom is sentin entindex points)	Dec	87.4	863
	16:00	ΕZ	Consum er confidence point)	Dec	-22 J	-23.9
21.	16 :00	US	Consum er confidence point)	Dec	1008	1002
23.	14 :30	US	Personalincom e M oM ,%)	Nov	0.3	0.7
	14 :30	US	Personal consumption (adjusted, M oM , %)	Nov	02	8.0
	14 :30	US	Household core PCE index MoM, %)	Nov	0.2	02
	14 :30	US	Durable goods orders M oM , %)	Nov	-0.6	11
	15:00	US	Case-ShillerHom e Price Index (YoY,%)	0 ct		10.4
2023 1 4.	14 :00	DE	CPI prelin inary, YoY, %)	Dec		10 0
	16 :00	US	ISM Manufacturing PM I points)	Dec		49 J
	20 :00	US	FOM C M inutes	Dec		-
5.	2:45	CN	Caixin Services PM I	Dec		46.7
	8:00	DE	Export M oM ,SA,%)	Nov		-0.6
	14 :15	US	ADP non-farm em ploym ent M oM , 000s)	Dec		127
6.	8:00	DE	Industrialorders MoM,%)	Nov		8.0
	8:00	DE	Retailsales MoM,%)	Nov		-2.8
	11 :00	ΕZ	CPI(Elash,YoY,%)	Dec	99	10 1
	11 :00	ΕZ	Core CPI (Elash, Yoy, %)	Dec		5 D
	11 :00	ΕZ	Retailsales MoM,%)	Nov		-1.8
	11:00	ΕZ	EC Econom ic Sentin ent Index points)	Dec		93.7
	14 :30	US	Non-farm payroll MoM,000s)	Dec		263
	14 : 30	US	Unem ploym entrate 🗞)	Dec		3.7
	14 : 30	US	Average eamings [M oM ,%)	Dec		6. 0
	14 : 30	US	Average eamings (YoY,%)	Dec		51
	16:00	US	Factory orders MoM,%)	Nov		10
	16:00	US	ISM non-Manufacturing PM I points)	Dec		565

* The time, when most likely market-mover data could come out is indicated in red.

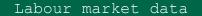
Order Global Markets

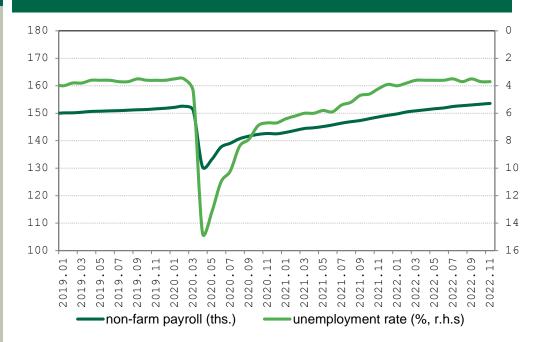
US: Household core PCE index, Fed meeting minutes and labour market data are

Date		Cd.	Event/Data	Period	Cons.	Prev.
20 22 12 21	16:00	US	Consum er confidence (point)	Dec	1008	1002
23.	14:30	US	Household core PCE index (M oM , %)	Nov	02	02
27.	15:00	US	Case-ShillerHom e Price Index (YoY,%)	0 ct		10.4
2023.1.4.	16:00	US	ISM Manufacturing PM I (points)	Dec		49 D
	20:00	US	FOM C M inutes	Dec		_
6.	14:30	US	Non-fam payroll M oM , 000s)	Dec		263
	14:30	US	Unem ploym entrate 🕼)	Dec		3.7
	14:30	US	Average earnings MoM ,%)	Dec		0.6
	14:30	US	Average earnings (YoY,%)	Dec		51
	16:00	US	ISM non-Manufacturing PM I (points)	Dec		56 <i>5</i>

Key highlights

- The Fed's preferred gauge of inflation, household core PCE index decreased in October, and we expect further fall in November. This could reassure the markets about the effectiveness of the Fed's tightening monetary policy
- The minutes of the Fed's December interest rate decision meeting are also coming in. At the latest decision, the pace of rate hikes slowed to 50 bps, in line with expectations. The Fed's median rate projection puts the policy rate as high as 5.1% at end of 2023, and still at 4.1% at end of 2024.
- NFP increased more than expected in November, but it is important to note that the hospitality and health & education sectors, which suffered the most from Covid restrictions, added the most jobs and are still recovering from the pandemic. Meanwhile the retail trade, and transportation & warehousing sectors lost jobs in November. The slowdown in labour market expansion is just a question





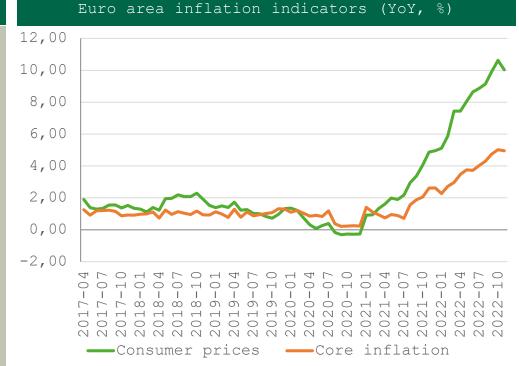


In the spotlight in the euro area: December flash inflation data

Date	Cd.	Event/Data	Period	Cons.	Prev.
2022 12. 19. 10:00	DE	FO Econom is sentin entindex points)	Dec	87.4	863
16 :00	ΕZ	Consum er confidence point)	Dec	-22.0	-23 9
2023 1 4. 14:00	DE	CPI prelim inary, YoY, %)	Dec		10 .0
5.	DE	Export M oM ,SA,%)	Nov		-0.6
6. 8:00	DE	Industrialorders M oM ,%)	Nov		0 &
8 :00	DE	Retailsales MoM,%)	Nov		-2.8
11 :00	ΕZ	CPI(Elash,YoY,%)	Dec	99	10 1
11 :00	ΕZ	Core CPI (flash, YoY, %)	Dec		5 . 0
11:00	ΕZ	Retailsales MoM, %)	Nov		-1.8
6. 11:00	ΕZ	EC Econom ic Sentin ent Index (points)	Dec		93.7

Key highlights

There will be limited data releases for the rest of the year, the German IFO index and the European Commission's consumer confidence, both for December worth mentioning.
The first week of next year could prove more interesting. Wednesday's release of Germany's December flash inflation data will be followed by industrial and retail sales figures for the largest economy. However, the most interesting day will be Friday, when the euro area's December flash CPIs will be published. Here the question is whether the decline in the headline rate continued. Another interesting point to watch is whether to fall. On the same day, euro area retail sales will be also out. Here one needs to watch whether the October decline continued in November, which is likely, but would be bad news for Q4 activity.



WEEKLY REPORT - 19 December 2022



This week's data: US inflation edged sharply lower, the Fed hiked by 50 bips, but was hawkish on the policy outlook; just like the ECB, which after a 50 bips hike,

promised to continue tightening significantly further

Date*		Cd.	Event/Data	Period	Fact	Cons.	Prev.
2022 12.13.	14 :30	US	core-CPIMOM,SA,%)	Nov	02	03	0.3
	14 :30	US	core-CPI (VoY,%)	Nov	6 D	61	63
	14 :30	US	CPIMOM,SA,%)	Nov	01	03	0.4
	14 :30	US	CPI&oY,%)	Nov	71	73	7.7
14.	11:00	ΕZ	Industrial production M oM , %)	Oct	-2.0	-1.5	8.0
	20:00	US	Interest rate decision (%)	Dec	4 25-4 5	4 25-4 5	3.75-4.0
15.	3:00	CN	Infrastructuralspending (VoY,%)	Nov	53	5.6	5 . 8
	3:00	CN	Industrial production (VoY, %)	Nov	22	3.8	5 D
	3:00	CN	Retailsales 從oY,%)	Nov	-59	-3.7	-0.5
	14 :15	ΕZ	Interest rate decision (lending rate, %)	Dec	25	25	20
	14 :15	ΕZ	Interest rate decision (deposit rate, %)	Dec	2.0	20	15
	14 :30	US	Retailsales M oM , %)	Nov	-0.6	-01	13
	15 :15	US	Industrial production M oM ,%)	Nov	-0.2	01	-0 1
16.	10 00	ΕZ	S&P GlobalM anufacturing PM I points)	Dec	47.8	471	471
	10 .00	ΕZ	S&PGlobalService PMI points)	Dec	491	48 5	48 5
	15 :45	US	S&P GlobalM anufacturing PM I points)	Dec	462	479	47.7
	15:45	US	S&PGbbalService PMI (points)	Dec	44.4	46.5	462

* The time, when most likely market-mover data could come out is indicated in red.

Key highlights

- In the US, November inflation came out well below the consensus. Slowing from 7.7% in October, the November reading came out at 7.1%, whereas 7.3% was expected. November was the fifth straight month when the rate of inflation receded from the peak of 9.1%. Core inflation, at 6% slowed from 6.3% (consensus: 6.1%). The Fed's December decision was a 50 bips hike, as expected, however the committee was more hawkish on the outlook by raising the forecast for the 2023 fed funds rate by 50 bips. November industrial production and retail sales fell below expectations. December PMIs also dissapointed.
- In the **euro area**, the **ECB** hiked its key rates by 50 bips as expected. The Bank announced a moderate start of QT from next March. The tone was more hawkish than foreseen, given the promise to hike rates significantly further. The bank revised its inflation projection significantly upwards. The Bank's staff expects 0.5% growth for 2023. October **industrial production** fell by 2%, worse than the consensus, with all the largest economies showing a reduction in output. However, both **manufacturing and service PMI**s continued their mild improvement for December, suggesting that the Q4 contraction could be shallower than foreseen.



While investors had turned very optimistic after latest US CPI data on Tuesday, hawkish signals from central bankers depressed investors for the rest of the week, especially in Europe. Stocks declined as recession fears persisted. Bond yields went steeply higher in the euro area, while dropped w/w in the USA. The EUR/USD rose above 1.06. Crude oil futures gained, the TTF gas price plunged to 121 EUR/MWh as EU gas stocks are higher than usual.

Indices	Last price	1week change (%)	YTD (%)	Interest rates	Last price	1week change (bps)	YTD (bps)	FX rates	Last price	1week change (%)	YTD (%)	Commodity	Last price	1week change (%)	YTD (%)
S& P500	3880	-1.4	-18 .6	US2year	4 25	-9.9	351.3	Dollarindex	104.376	-0.4	91	Brent	79.0	3.8	1.6
NasdaqComp.	10 774	-21	-31,1	US10 year	3.52	-5.6	2012	EURUSD	1.0632	0.9	-6.5	W TI	74 1	43	-1.5
Dow Jones	32938	-1.6	-9.4	DE 2 year	2.45	31.0	308.6	USDJPY	136.89	-0.2	-15.9	NatGas (TTF, front-m onth)*	120.6	-11.6	841
Russel2000	1766	-1.7	-21.4	DE 10 Year	2.19	261	237,1	GBPU SD	12202	-0.5	-9.8	Gold	1793.6	-0.2	-1.9
Stoxx 600	426	-2.9	-12.6	FR 10 year	2.72	32.3	252.3	AUDUSD	0.67	-1.4	-7,8	Silver	23.2	-1.0	-0.3
DAX	13935	-3.D	-12.3	SP 10 year	329	33.7	272.2	USDCAD	1,3672	-0.2	-7.6	Palladium	1737.5	-112	-8.8
CAC40	6454	-3.3	-9.8	IT 10 year	4.34	51.0	317.0	U SDCH F	0.9302	0.4	-19	Copper	377.2	-2.7	-15.5
FTSE100	7337	-1.9	-0 . 6	UK 10 year	3.37	19.5	240.4	N ZDU SD	0.638	-0.5	-6.5	Stæl	675.0	12	-53 D
FTSE M B	23714	-2.3	-13.3	CH 10 year	126	13.8	141.3	CNHUSD	6,9816	-0.2	-8,9	W heat	755.0	5.9	-2 D
Nikkei225	27527	-1,3	-4.4	JP 10 year	0 25	01	18.4	USDTRY	18.6416	Q 0	-28.6	Com	652.8	2.8	10 0
CSI300	3954 2	-1.1	-20 D	CN 10 year	2.90	-1.9	12.7	USDBRL	5,2751	-0.5	5.7	Electricity (APX)*	268.3	-37.3	1870

Source:Bloom berg

*In EUR/MWh

WEEKLY REPORT - 19 December 2022



Key highlights: While investors had turned very optimistic after latest US CPI data on Tuesday, hawkish signals from central bankers depressed investors for the rest of the week, especially in Europe. Bond yields went steeply higher in the euro area, while slightly dropped w/w in the USA. The EUR/USD rose over 1.06. Crude oil futures gained, the TTF gas price plunged to 121 EUR/MWh as EU gas stocks are higher than usual.

• Developed stock markets are heading for loss again this week as risk-off sentiment became prevailing after major central banks struck hawkish tone, and recession fears came to the fore.

• US November CPI and the rate-setting meetings of major central banks occupied the centre stage this week. Ahead of the latest US inflation statistics on Tuesday, investors were cautiously optimistic. Consumer prices in the US increased in November slower than expected, but the FOMC decision on Wednesday and later, the hawkish message from ECB President Christine Lagarde following the central bank's tightening monetary policy by 50 basis points on Thursday made investors wary and put them in a risk-off mood. LT yields climbed considerably higher this week in Europe with German 10Y yield adding 26bps and nearing 2.5%, France's 10Y yield rising 32bps and yields in the eurozone periphery jumping 30-50bps. The UK's 10Y benchmark yield crept 20bps higher in one week and stands at 3.37% on Friday afternoon. In contrast, the US 10Y yield dropped w/w and fell back to around 3.5 after approaching temporarily the three-month-low of 3.4% on Friday. Though the Fed delivered a 50bps interest rate hike to 4.25%-4.5% as widely expected, policymakers increased projections for the Fed funds rate to reach and stay at 5.1% in 2023 from prior estimates of 4.6%.

• In the FX market, the euro gained momentum and edged above 1.06, or +0.9% w/w, though shortly after the ECB's rate decision EUR/USD jumped to a six-month high of 1.07. The British pound depreciated during this week, with the GBP/USD falling to 1.22 from near 1.25 in the middle of the week.

• Stock markets could not get higher this week, though central banks were not more aggressive than expected, but higher rates seem to stay with us longer than hoped. Investors in the US cheered Monday's consumer price expectation data and Tuesday's CPI, but in the coming days recession fears induced sharp sell-offs. The Dow, the S&P500, and the Nasdaq Composite are heading for 1.4-2.1% weekly losses. In Europe, only Tuesday brought some positive sentiment, and the ECB's decision on Thursday led equities sharply lower. In a weekly horizon, the Stoxx600, the DAX and the CAC40 seem to suffer about 3% loss, while the FTSE lost 2%.

• In terms of **sector performances**, positive developments were barely seen. In the case of S&P500 sectors, only energy remained in the green, while consumer discretionary, financials and materials fell the most. In Europe, none of the Stoxx600 could climb to the green, with basic resources, travel & leisure, and telco plunging deep as yields rose sharply and China's covid outbreak threatens global demand outlook.

• In the commodity market, crude oil futures are set to end the week considerably higher (Brent and WTI: +4%), though prices turned lower in the second half of the week as concerns about recession-driven demand downturn weighed on the markets while the global supplies are still tight. Front-month **TTF gas** futures are in for 12% weekly decline as prices plunged 10% on Friday to 121 EUR/MWh. Higher-than-usual EU gas stocks and forecasts showing temperatures in Europe turning milder early next week pushed prices lower.



Stock market and sector performance

Performance of US sectors										
Sector	Last price	1week change (%)	YTD (%)							
S&P500	3880	-1.4	-18 .6							
Π	2239	-19	-26.7							
Health care	1581	-15	-38							
Financials	557	-2.7	-14.3							
Teko	161	-22	-39 9							
Consum erdiscretionary	10 50	-2.8	-34 <i>B</i>							
Industrials	824	-1.4	Q 8-							
Consum er stap les	778	-1.4	-32							
U tilities	356	-0.4	-21							
Energy	637	13	50 B							
Realestate	234	-23	-279							
M aterials	494	-2.6	-13 2							
Kovilist	ech companies									

ļ	1090	S lech companies		
	Company	Last price	1week change (%)	YTD(%)
	Alphabet	91	-18	-37£
	Am azon	89	02	-465
	Apple	137	-35	-22.8
	M eta	122	55	-63.7
	M icrosoft	249	1.6	-259
	Tesla	158	-11.8	-552

Sector	Last price	1week change (%)	YTD (%)
Stoxx 600	426	-29	-12.6
Health care	1004	-21	-72
Industrialgoods & services	643	-31	-19.3
Banks	137	-13	-58
Personal& householdsgoods	968	-3.4	-12 2
Insurance	314	-3.4	-2.4
Food and beverages	748	-2.3	-14 D
Technology	606	-38	-24 9
U tilities	361	-25	-10 8
Oil& gas	337	-22	21.6
Chem icals	1149	-31	-16 D
Construction & m aterials	510	-4.3	-211
Telco	190	-4 5	-175
Retail	296	-25	-33.4
Financialservices	569	-3.8	-24 5
Basic resources	618	-51	29
Realestate	118	-38	-39.7
Auto & parts	536	-2.4	-18.7
M edia	331	-31	-11.3
Travel& leisure	204	-4.5	-12.4

Performance of Europe's sectors

Source:Bloom berg

Source:Bloom berg



Summary of regional stock markets' performance

Name Performance						Valuation**				Fundamentals				
Country	Index	Last Price	1M change (%)	3M change (%)	6M change (%)	12M change (%)	P/ E*	P/ B	P/ S	ROE (%)	Ourrent Ratio	Debt to equity (%)	Change in EPS growth in the last 4 week (%)	Change in EPS growth in the last 3 month (%)
													1.264075	
Europe	SXXP Index	426	-0,9	4.4	5.8	-10.6	14.6	1.7	13	13.7	11	1772	-0 1	-1,1
Germ any	DAX Index	13935	-21	9.4	69	-10,9	13.0	15	09	12,5	11	110 .4	7.0	3.4
France	CAC Index	6454	-2.3	62	9.7	-79	13,3	1.6	11	15.2	1,1	217,3	-31	-0.7
Poland	W IG20 Index	1735	-0.4	15.5	1,6	-21.6	5.4	1,0	0.5	17.5	1,4	52.7	36.2	
Czechia	PX Index	1168	-5.7	-4.3	-92	-16.4	72	1,0	10	15.0		177.4	3.7	5.8
Hungary	BUX Index	44790	12	11,8	14 2	-11.6	4.8	8.0	0.5	17.8	1,4	54.2	1362.7	
Rom ania	BET Index	11955	2.6	1.7	-0,9	-3.6	63	11	09	25.4		53.4	335 <i>B</i>	76.2
Bulgaria	SOFK Index	601	15	-0.4	-1.7	-3.4	51	0.7	0.4	13.5	2.9	48.5		
Russia	MOEX Index	2134	-4.2	-12.4	-9.9	-431	3.6	0.7	0.7	19.3	1,4	73.5		
Ukraine	PFTS Index	519	Q 0	Q 0	Q 0	-0 &	62	1,3	0.3	18.4	6. 0	3.6		
Slovenia	SBITO P Index	1062	-1.4	-1.3	-7.6	-14 D	6.0	09	0.4	14.4	1.6	34.3		Q 0
Croatia	CRO Index	1936	1.4	-2.4	-5 D	-4.8	7 . 8	09	10	12,1	1.7	30 &		
Serbia	BELEX 15 Index	809	01	-4.4	-1.3	-1.9	390 5	54 9	37.6	15,1	1.8	17.0	Q 0	<u>م</u> و_
M ontenegro	MNSE10 Index	964	8.5	16 D	17.8	23.4	34.7	0.3	0.7	8 0	21	۵ و		

*Price to earnings (P/E) ratio is calculated with the 12M trailing EPS in the denominator.

**Some of the country indices could be sector heavy (only a handful industry comprise the majority of the indices),

**therefore direct comparison of valuation metrics alone could be misleading.



FX outlook

FX pair	2021.Q4	2022.Q1	2022.Q2	2022.Q3	2022.Q4	2023.Q4	2024.Q4
EURUSD	1.14	1.12	1.06	1,01	1	1.07	11
EURGBP	0.84	0.83	0.85	0.85	0.88	0.89	0.88
EURCHF	1.06	1.05	1.03	0.97	0.98	1.01	1.05
USDJPY	130	129.5	136	136	1445	141	137

Source: Bloomberg

Country	FX pair	2021.Q4	2022.Q1	2022.Q2	2022.Q3	2022.Q4	2023.Q1	2023.Q2	2023.Q3	2023.Q4
Hungary	EURHUF (cop)	369	367	396	423	411	411	409	407	409
Rom an ia	EURRON (eop)	4.95	4.94	4.95	4.95	4.96	4.97	4.99	4.99	4.99
Russia	USDRUB (eop)	75	82.4	54.8	611	62.3	661	68.9	71.5	73.9
Ukraine	USDUAH (cop)	273	295	29.4	36 9	37	38 1	39.2	40.4	41.6
Croatia	EURHRK (eop)	7.52	7.57	7.53	7.52	7.53	7.53	7.53	7.53	7.53
Serbia	EURRSD (eop)	117.6	117.7	117,3	117,3	116.9	116.8	116.8	116 .8	116.7

No forecast available for Moldova and Albania

Source: Focus Economics



			GDP (yoy, %)	
Countries		O	TP	Focus Ec	conomics
	2021	2022	2023	2022	2023
Hungary	71	49	-0,9	5.D	0.4
Rom an ia	59	4.7	2.5	5.O	22
Bulgaria	7.6	29	1.3	3.0	15
Russia	4.7	-2.7	-1.1	-42	-31
Ukraine	3.4	-36.7	61	-33.4	51
Slovenia	82	6.5	1.5	5.6	13
Croatia	13.1	63	0.5	5.9	15
Serbia	7.5	21	22	3.0	2.0
Montenegro	13.0	5.6	23	5.6	3.0
Albania	8.5	3.0	2.7	33	23
Moldova	13.9	-3.8	-1.8	-1.0	1.7

Macro outlook in the region

		Fiscal	scal balance (%of GDP)		
Countries		OTP		Focus Economics	
	2021	2022	2023	2022	2023
Hungary	-71	-5.5	-35	-5.7	-4.5
Romania	-7.1	-6 5	-5.5	-6.3	-5.1
Bulgaria	-41	-3.7	-3.9	-3.9	-3.6
Russia	0.4	-2.0	-2.0	-1.7	-2.5
Ukraine	-3.5	-25.0	-20 .0	-22.7	-21.5
Slovenia	-4.7	-3.3	-4,8	-4.0	-3.9
Croatia	-2.6	-2.5	-2.5	-2.3	-2.7
Serbia	-41	-4.0	-5.0	-3.3	-2.8
M onteneg <i>r</i> o	-21	-3.5	-3.3	-5.5	-4.8
Albania	-4.5	-2.7	-3.D	-3.5	-3.4
M oldova	-2.6	-8.0	-6 .O	-5.8	-5.0

	Inflation (average (yoy), %)				
Countries		Ö	TP	Focus Economics	
	2021	2022	2023	2022	2023
Hungary	51	14.0	16.5	14 2	14.3
Rom an ia	5.0	13.8	10.6	13.5	10.2
Bulgaria	3.3	15.3	9.7	14.9	6.8
Russia	6.7	13.8	5.5	13,9	6.8
Ukraine	3.3	15.3	9.7	20 9	21,1
Slovenia	19	6.8	51	91	62
Croatia	2.6	10.8	83	10.6	63
Serbia	4.0	11.9	10 5	11.6	91
Montenegro	2.4	13.1	83	12.3	6.6
Albania	2.0	7.0	7.0	6.7	4.7
Moldova	5.3	28 0	15.0	29.0	11.5

	Unemployment (%)				
Countries		OTP		Focus Economics	
	2021	2022	2023	2022	2023
Hungary	41	3.4	41	3.6	41
Romania	5.6	5.6	5.8	5.4	5.4
Bulgaria	53	4.7	5.6	4.7	49
Russia	4.8	41	55	42	51
Ukraine	10.6	312	27.6	22.2	15.7
Slovenia	4.8	42	4.4	4.3	43
Croatia	7.6	7.0	7.0	69	6.7
Serbia	10 2	11.0	12.0	99	9.8
M onteneg <i>r</i> o	16.7	15.2	16.3	17.1	15.9
Albania	12.0	12,2	12.8	11.2	11,1
Moldova	3.9	3.5	4.4	31	3.6

Source: Focus Econom ics, OTP Research Center

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