

State budget borrowing requirements' financing plan and its background 3rd quarter 2022

July 2022

THE MOST IMPORTANT INFORMATION

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I. MACROECONOMIC SITUATION

Gross domestic product of Poland constant prices

source: GUS, Eurostat

In the first quarter of 2022 the economy posted buoyant growth despite the fifth wave of the pandemic and the outbreak of the war in Ukraine. The rate of GDP growth accelerated to 2.5% following strong increases in the three previous quarter (qoq, sa). Households consumption and investment increased by 0.6% and 11.5% (qoq, sa) respectively. However, economic prospects for the subsequent quarters have noticeably deteriorated due to effects of Russian aggression against Ukraine. The potential scale of the slowdown is a subject to high uncertainty and depends mainly on further conflict developments

Contributions to Polish GDP growth

pp, py - average prices of previous year source: GUS, MoF own calculation

In the first quarter of 2022 GDP was 8.5% (py) higher than a year earlier. Investment went up by 4.3%, while households consumption increased by 6.6% (yoy). Due to the significantly higher annual dynamics of imports than exports, net exports had a negative contribution to growth (3.8 percentage points). On the other hand disruptions in global supply chains, problems with international transport, rising prices of raw materials and commodities as well as high uncertainty as to future developments were reflected in the record-high increase in inventories and a significant positive contribution of this category to GDP growth (as much as 7.7 percentage points).

Polish gross external debt position percent of GDP

source: NBP, GUS, MoF own calculation

At the end of the first quarter of 2022 gross external debt reached EUR 325.5bn (54.9% of GDP) and was EUR 3.3bn higher than in the previous quarter. The share of general government sector debt in total debt decreased to 26.0%. At the end of April 2022 official reserve assets reached EUR 144.0bn and remained broadly adequate, covering about 5 months of imports.

Current account balance

percent of GDP, in 12-month terms source: NBP, GUS, MoF own calculation

In April 2022, taking into account new quarterly data, current account deficit increased to 3.6% of GDP (in 12-month terms). Due to stronger imports than exports dynamics balance or goods decreased further to -2.2% of GDP. Due to the war in Ukraine and sanctions imposed on Russia and Belarus, sales to eastern markets strongly decreased. On the other hand the increase in fuel prices on world markets supported imports. In addition due to high foreign investors' income on their capital involvement in Polish entities (sound financial results of companies) primary income deficit after revision to-talled at 5.1% of GDP. C/A deficit was fully covered by long term capital i.e. inflow of direct investments of non-residents and inflow of EU structural funds classified on capital account.

-6.0

-8.0

-10.0



goods services primary income secondary income

IV'20 VI'20 VIII'20 X'20 XII'20 II'21 IV'21 VI'21 VIII'21 X'21 XII'21 II'22 IV'22

- CAB

I. MACROECONOMIC SITUATION



Harmonised unemployment rate percent, seasonally adjusted data source: Eurostat

The harmonized unemployment rate (sa) amounted to 2.7% in May 2022 and it was at the same level as in two previous months and by 0.9 pp. lower than a year earlier. Thus it remained at historically low level. The unemployment rate in Poland is currently clearly lower than the average in the EU-27 and the euro area (6.1% and 6.6%, respectively). Among the EU countries, only in the Czech Republic it was lower than in Poland.

Monthly indicators of the real sector sold production in constant prices source: Eurostat, GUS, MoF own calculation

In May 2022 industrial production decreased by 1.7% (mom, sa) and was 15.0% higher than a year ago (nsa). Data were close to market expectations. Construction production increased by 2.4% (mom, sa) following a relatively deep drop in the previous month. As a result its level was 13% (nsa) higher than a year ago. Data were above expectations. Retail sales increased after a drop in the previous month (mom, sa MF). The sales level was 8.2% (nsa) higher than in the previous year. Data were close to market expectations.

Inflation

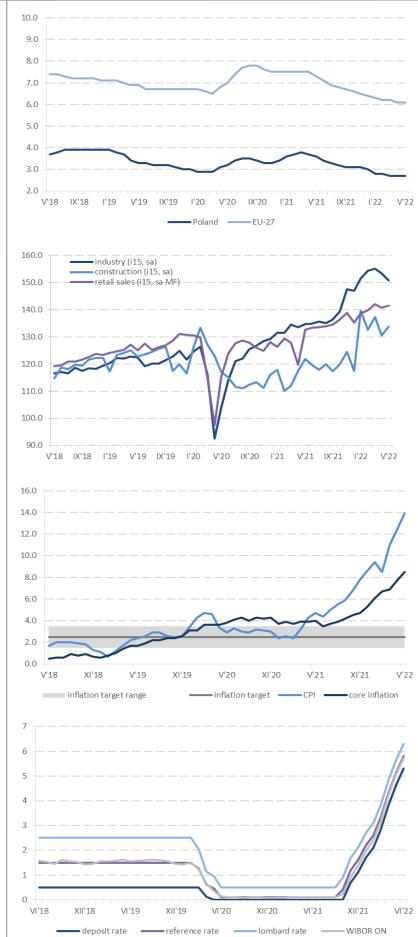
percent, yoy source: GUS, NBP

In May 2022 inflation rate incresed to 13.9% yoy. High CPI increases in last three months were primarily caused by high increases of energy and food commodities prices on international markets. Annual rate of energy prices achieved 32.7% and food prices 13.5%. However core inflation (CPI excluding food and energy prices) increased less to 8.5%. According to preliminary data in June inflation rose to 15.6%. Because of high commodity prices and supply disruptions, producer prices also rose considerably. In May they were higher than a year before by 24.7%.

NBP interest rates

percent, end of period source: NBP, Refinitiv

In June 2022, the Monetary Policy Council raised NBP's interest rates by 0.75 percentage point. After nineth hike in a row reference rate rose to 6.0%. lombard rate reached 6.5%. while the deposit rate increased to 5.5%. In October 2021-June 2022 the reference rate rose by 5.9 percentage points in total. The Council decided to hike interest rates again in order to reduce risk of inflation running above the NBP inflation target in the monetary policy transmission horizon.





II. STATISTICAL DATA

	Unit	2020	2021				202
	Unit	Q04	Q01	Q02	Q03	Q04	Q0
DP							
Gross domestic product	YoY	-2.1	-0.6	11.3	5.5	7.6	8.
	QoQ SA	0.0	1.4	2.0	2.6	1.8	2.
Final consumption expenditure of the households sector	YoY	-3.1	-0.2	13.0	4.7	8.0	6.
	QoQ SA	-3.8	1.6	3.5	3.6	-1.4	0.
Final consumption expenditure of the general government sector	YoY	7.8	2.4	4.2	2.8	4.0	0.
	QoQ SA	1.5	0.4	0.9	0.6	0.8	0.
Gross fixed capital formation	YoY	-11.4	-1.3	3.0	6.6	5.2	4.
	QoQ SA	-0.6	11.9	-8.3	2.0	1.1	11.
Exports of goods and services	YoY	7.8	7.4	29.8	7.3	6.1	2.
	QoQ SA	4.3	1.8	0.8	0.4	3.5	-2.
Imports of goods and services	YoY	8.5	8.6	33.8	12.5	12.2	8.
	QoQ SA	4.0	3.1	2.2	2.3	3.6	0
Gross value added	YoY QoQ SA	-2.4 0.0	-0.9 1.7	10.4 1.5	5.4 1.9	7.5 1.9	8
		0.0			1.0		
Contribution to GDP growth Final consumption expenditure of the households sector	рр	-1.6	-0.2	7.2	2.8	3.9	3
Final consumption expenditure of the general government sector	pp	1.6	-0.2	0.8	0.5	0.8	0
Gross fixed capital formation	pp	-2.9	-0.2	0.5	1.1	1.1	0
Changes in inventories	pp	-2.3	-0.2	2.4	3.2	4.3	7
Balance of trade turnover	pp	0.1	-0.3	0.4	-2.1	-2.5	-3
Gross value added	pp	-2.1	-0.9	9.2	4.7	6.6	7
SDP structure	N	10.0	F0. 1	F0 -		10 -	
Final consumption expenditure of the households sector	% of GDP	48.8	59.9	56.5	57.8	49.7	60
Final consumption expenditure of the general government sector	% of GDP	20.8	17.8	18.3	17.8	20.3	16
Gross fixed capital formation	% of GDP	21.9	12.9	14.9	16.4	20.9	12
Changes in inventories	% of GDP	0.4	1.5	2.8	3.9	6.2	9
Exports of goods and services	% of GDP	57.0	62.4	62.7	59.9	58.6	63
Imports of goods and services	% of GDP	49.8	55.4	56.1	56.7	56.5	63
	Unit	2021	2022				
	Unit	M12	M01	M02	M03	M04	M
alance of payments							
Goods: exports (EUR)	YoY	26.6	19.9	11.2	18.7	6.7	
Goods: imports (EUR)	YoY	35.1	35.0	22.1	38.2	22.6	
Current account balance ¹⁾	% of GDP	-0.7	-1.4	-2.1	-2.8	-3.6	
Balance on goods ¹⁾	% of GDP	-0.1	-0.5	-0.9	-1.6	-2.2	
Official Reserve Assets	EUR m	146 576.0	144 309.5	143 730.1	142 027.4	143 952.0	145 619
nflation							
Consumer Price Index (CPI)	YoY	8.6	9.4	8.5	11.0	12.4	13
Core inflation (CPI excluding food and energy prices)	YoY	5.3	6.1	6.7	6.9	7.7	8
Producer Price Index (PPI)	YoY	14.4	16.1	16.1	21.9	24.1	24
Production							
Sold production of industry ²⁾	YoY	16.3	18.0	17.3	15.4	12.4	15
,	MoM SA	-0.4	3.1	1.9	0.5	-1.2	-1
Construction and assembly production ²⁾	YoY	3.1	20.8	21.2	27.6	9.0	13
	MoM SA	-5.6	18.9	-5.0	3.6	-4.9	2
Manufacturing PMI	SA	56.1	54.5	54.7	52.7	52.4	48
louseholds and labour market Retail sales ²⁾	YoY	8.0	10.6	8.1	9.6	19.0	8
Netali Sales	101	0.0	10.0	0.1	9.0	19.0	c
Average paid employment in enterprise sector	YoY	0.5	2.3	2.2	2.4	2.8	2
A though paid an proymont in an applied bootor	MoM	0.0	1.5	0.2	0.2	0.2	-0
Average monthly gross wages and salaries in enterprise sector (real)	YoY	2.4	0.1	2.9	1.3	1.6	-0
	MoM	9.3	-10.4	2.9	3.7	-2.5	-6
Harmonised unemployment rate (Eurostat)	%, SA	3.0	2.8	2.8	2.7	2.7	2
1) Data in 12-month terms 2) Constant prices. Data for units in which the number of employed persons exceeds 9 persons	,,,						
Source: GUS, NBP, Eurostat, IHS Markit, MoF calculation based on NBP, GUS data							
		2021		2022			
	Unit	M11	M12	M01	M02	M03	M
State Treasury debt							
State Treasury debt (acc. to the place of issue criterion)	face value, PLN m		1 138 034.2			1 148 171.3	1 153 767
Domestic debt	face value, PLN m	863 872.8	872 681.7	879 247.5	884 271.4	895 722.3	899 905
	%	75.9	76.7	77.3	77.2	78.0	78
Foreign debt	face value, PLN m	274 248.6	265 352.4	257 884.9	260 584.2	252 448.9	253 861
	%	24.1	23.3	22.7	22.8	22.0	22
		2020	2021				20
	Unit	Q04	Q01	Q02	Q03	Q04	Q
Public debt (domestic definition)							
Public debt (acc. to the place of issue criterion)	face value, PLN m	1 111 806.3	1 152 282.2	1 152 289.1	1 160 738.2	1 148 577.0	1 137 102
Domestic debt	face value, PLN m	823 542.1	845 843.4	855 430.0	858 651.6	859 052.7	860 629
	%	74.1	73.4	74.2	74.0	74.8	75
Foreign debt	face value, PLN m	288 264.2	306 438.9	296 859.0	302 086.6	289 524.2	276 473
	%	25.9	26.6	25.8	26.0	200 024.2	210 410
							- ·
General Government debt (EU definition) General Government debt	face value, PLN m	1 336 557.6	1 389 977.4	1 402 163.1	1 418 823.4	1 410 497.6	1 415 77



Gross borrowing requirements in 2022 as of June 30, 2022, PLN bn

Financing of the State budget borrowing requirements at the level of ca. 84% was a result of:

- T-bond sale on domesic market: PLN 53.4bn,
- switch auctions in 2022: PLN 14.9bn,
- T-bond sale on foreign markets: PLN 9.2bn
- loans incured from IFIs: PLN 0.4bn
- loans from the European Union under the SURE instrument in the amount of PLN 7.0bn,
- switch auctions in 2021: PLN 24.1bn,
- higher financial resources at the end of 2021: PLN 78.0bn.

Outflows of funds related to domestic marketable T-securities transfers in July plan as of June 30, 2022

Value of funds transferred from the State budget to the market in July shall amount to PLN 30.0bn, of which:

- TS redemptions: PLN 26.0bn,
- interest payments: PLN 4.0bn.

Flows of funds between the domestic market and the budget* as at the end of month, PLN bn

From July to the end of 2022 the funds to be transferred to the domestic market shall amount to PLN 78.5bn (as of June 30, 2022).

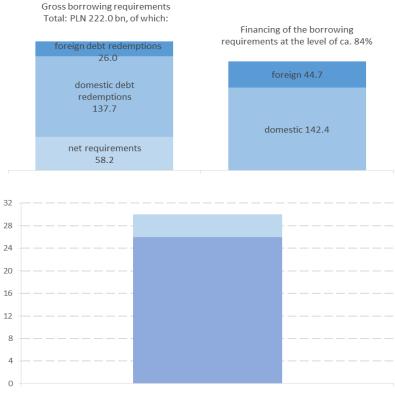
* Figures include sale, redemptions and interest payments on wholesale T-securities; monthly financing plans will depend on market situation and feedback from investors, thus the detailed schedule of monthly flows to the budget in the period of July to the end of 2022 is not presented.

State Treasury debt redemptions in 2022

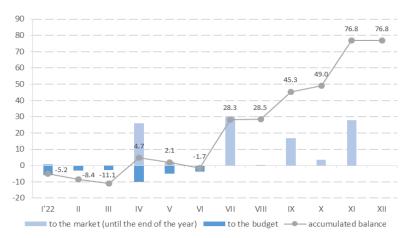
as at the end of month, nominal amount, PLN bn The nominal amount of debt to be redeemed

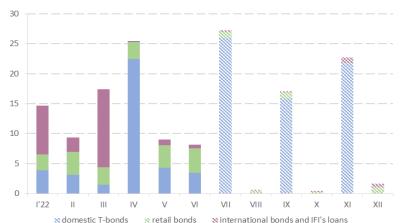
in 2022 (as of June 30, 2022) is equal to PLN 69.6bn, including:

- T-bonds: PLN 63.5bn,
- retail bonds: PLN 3.9bn,
- bonds and loans incurred on foreign markets: PLN 2.2bn.



redemptions interest





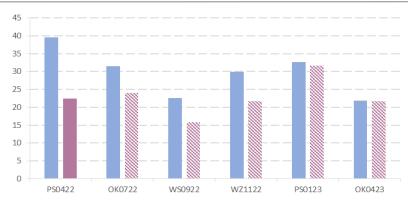


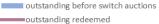
III. BACKGROUND OF BORROWING REQUIREMENTS' FINANCING

Reducing refinancing risk connected with redemptions of domestic T-securities maturing in 2022 and 2023. as of June 30, 2022, nominal amount, PLN bn

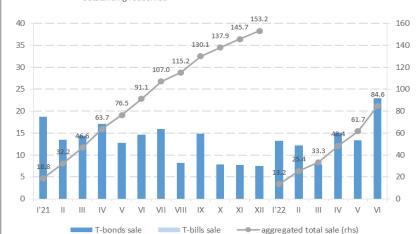
Buy-back of T-bonds maturing in 2022 and 2023:

- PS0422: PLN 17.1bn (43% of the issuance),
- OK0722: PLN 7.4bn (24% of the issuance),
- WS0922: PLN 6.7bn (30% of the issuance),
- WZ1122: PLN 8.3bn (28% of the issuance),
- PS0123: PLN 1.1bn (3% of the issuance),
- OK0423: PLN 0.1bn (0.4% of the issuance).

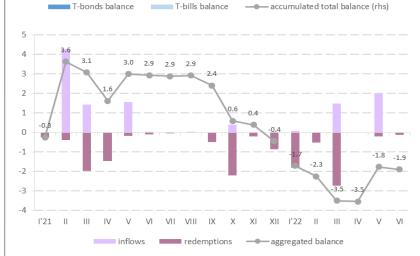




www.currently outstanding to be redeemed







Sale of domestic T-bills and T-bonds in 2021 and 2022

settlement date, nominal amount, PLN bn In the period of I-VI 2022 aggregated total

sale of T-bonds amounted to PLN 84.6bn versus PLN 91.1bn in the same period of 2021.

Balance of domestic T-bills and T-bonds in 2021 and 2022 settlement date, nominal amount, PLN bn

In the period of I-VI 2022 indebtedness in

- T-bonds increased by PLN 41.0bn versus increase of PLN 42.1bn in the same period of 2021,
- T-bills remained the same versus decrease of PLN 10.9bn in the same period of 2021.

The figures also include the amount of T-bonds issued and transferred by the Minister of Finance on the basis of other acts than the Public Finance Act.

External financing in 2021 and 2022

bonds issued on foreign markets and loans received from IFIs, settlement date, EUR bn

Net financing on foreign markets in the period of I-VI 2022 was negative and amounted to EUR 1.9bn, which resulted from:

- negative balance of T-bonds of EUR 2.7bn,negative balance of loans incurred from
- Regative balance of roans incurred from IFIs of EUR 0.7bn,
 negitive balance of SUBE instrument of
- positive balance of SURE instrument of EUR 1.5bn.

III. BACKGROUND OF BORROWING REQUIREMENTS' FINANCING



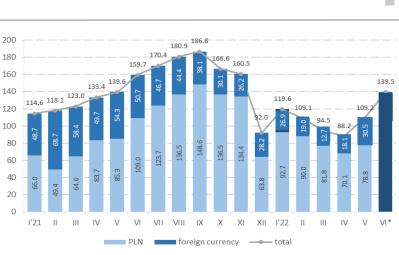
Funds in PLN and foreign currency on the budgetary accounts at the end of month funds financing the borrowing needs, PLN bn

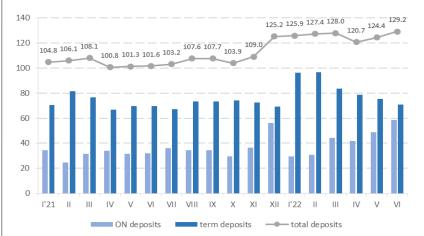
At the end of June 2022 there was equivalent of PLN 139.5bn on the budgetary accounts. The funds ensure liquidity in the borrowing needs financing.

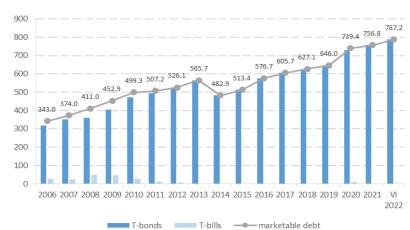
* Estimated data.

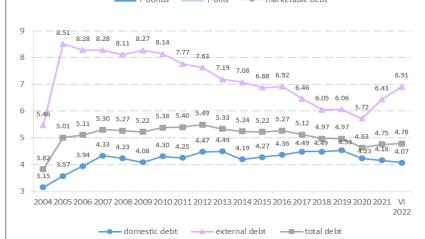
Consolidation of public finance sector liquidity management

As a result of consolidation of the public finance sector liquidity management there were PLN 129.2bn funds accumulated at the end of June 2022, of which: PLN 70.8bn was on term deposits and PLN 58.4bn on ON deposits.









Structure of domestic marketable debt *PLN bn*

At the end of June 2022 the marketable domestic debt after consolidation within the State Treasury amounted to PLN 787.2bn comparing to PLN 756.8bn at the end of 2021.

Average maturity

years

The average maturity of the domestic debt amounted to 4.07 years at the end of June 2022 (4.16 years at the end of 2021). The average of the total debt amounted to 4.78 years (4.75 years at the end of 2021).

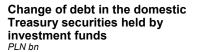


Change of debt in the domestic Treasury securities held by banks PLN bn

In the period of I-V 2022 there was a decrease of debt by PLN 0.8bn comparing to PLN 32.7bn increase during the same period of 2021. Banks' holdings reached the level of PLN 447.6bn.

Change of debt in the domestic Treasury securities held by insurance companies PLN bn

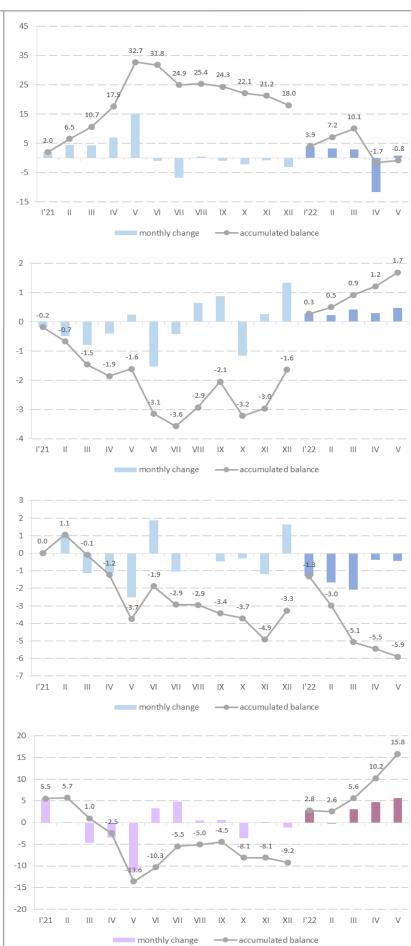
In the period of I-V 2022 there was an increase of debt by PLN 1.7bn comparing to PLN 1.6bn decrease during the same period of 2021. Insurance companies' holdings reached the level of PLN 57.4bn.



In the period of I-V 2022 there was a decrease of debt by PLN 5.9bn comparing to PLN 3.7bn decrease in the same period of 2021. Investment funds' holdings reached the level of PLN 39.4bn.

Change of debt in the domestic Treasury securities held by foreign investors PLN bn

In the period of I-V 2022 there was an increase of debt by PLN 15.8bn comparing to PLN 13.6bn decrease in the same period of 2021. Foreign investors' holdings reached the level of PLN 140.4bn.



State budget borrowing requirements' financing plan and its background - July 2022

III. BACKGROUND OF BORROWING REQUIREMENTS' FINANCING



Geographical distribution of the domestic Treasury securities held by non-residents

as of May 31, 2022, the chart presents data excluding omnibus accounts

The non-residents' share in the domestic Treasury securities market increased by PLN 5.6bn in May 2022. The foreign investors' portfolio amounted to PLN 140.4bn, which constituted 16.7% share in total debt in Treasury securities (16.2% in the previous month).

Change of debt in the domestic Treasury securities held by non-residents by regions change in May 2022, mom, PLN bn, the chart

change in May 2022, mom, PLN bn, the chart presents data excluding omnibus accounts

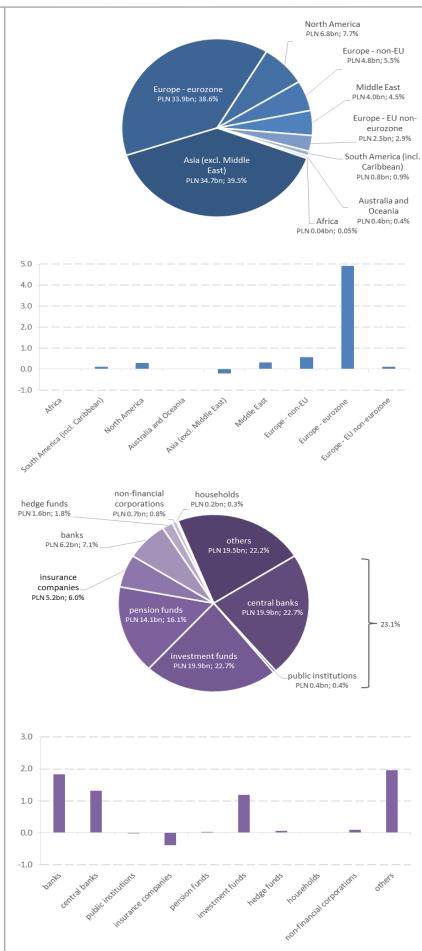
In May 2022 the highest increase was recorded by Eurozone investors (PLN 4.9bn), while the highest decrease was noted by Asian (excl. Middle East) investors (PLN 0.2bn).

Institutional distribution of the domestic TS held by non-residents as of May 31, 2022, the chart presents data excluding omnibus accounts

Institutional structure of domestic Treasury securities held by non-residents, as well as geographical distribution, is well-diversified. The central banks and public institutions' share in foreign holdings amounted to 23.1% at the end of May 2022.

Change of debt in the domestic Treasury securities held by non-residents by institutions change in May 2022, mom, PLN bn, the chart presents data excluding omnibus accounts

In May 2022 the highest increase was recorded by investors categorized as "others" (PLN 2.0bn), while the highest decrease was noted by insurance companies (PLN 0.1bn).

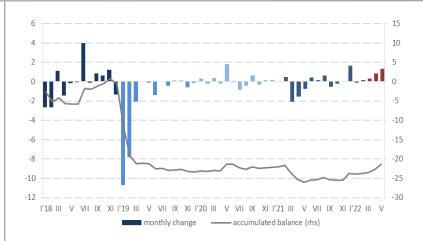




Change of debt in domestic Treasury securities held by central banks and public institutions change in June 2022, PLN bn

Central banks and public institutions' involvement increased by PLN 1.3bn in June 2022. In the period from January 2018 to the end of June 2022 portfolios of those entities decreased by PLN 21.3bn.





Countries	Outstanding in nominal value (PLN m)	Share in non-residents holdings
Japan	15 916.4	23.4%
Luxembourg	11 275.1	16.6%
Netherlands	8 592.8	12.7%
United States	5 980.8	8.8%
Germany	5 338.1	7.9%
Ireland	4 090.2	6.0%
France	3 056.7	4.5%
United Kingdom	2 933.7	4.3%
Switzerland	1 613.6	2.4%
United Arab Emirates	1 313.1	1.9%
Denmark	1 126.2	1.7%
Cayman Islands (the)	736.5	1.1%
Austria	730.6	1.1%
Canada	695.4	1.0%
Others	4 480.6	6.6%
Total	67 879.8	100.0%

Comment

Sebastian Skuza, Secretary of State, MoF

30-06-2022

(...) The level of financing of this year's borrowing requirements is ca. 84%.

In July one switching auction and one T-bond sale auction are planned. No T-bill auctions are planned.

In May 2022 indebtedness in domestic Treasury securities increased by PLN 5.9bn. The involvement of domestic banks increased by PLN 0.8bn, involvement of domestic non-banking investors decreased by PLN 0.5bn, while the indebtedness towards foreign investors increased by PLN 5.6bn.



General assumptions	 in the third quarter of 2022 T-bond auctions are planned according to the announced yearly issuance calendar, offer of T-bonds on the domestic market will depend on the budget and marke situation, as well as consultations with investors, possible auctions of Treasury bills will be held within the confines of the State budget liquidity management, foreign financing will be determined by the situation on the international financia market and the domestic market, as well as by the budget conditions, the announced plan may be modified subject to the market situation.
Offer of T-bonds on domestic market	 sale auctions: between two and three auctions, total supply PLN 14.0-25.0bn, the structur of T-bonds to be offered will be subject to the market situation. switch auctions: between tw and three auctions (subject to the budget and market situation T-bonds maturing in 2022 and 2023 would be offered to repurchase.
Offer of T-bills	Detailed information on the offer of T-bills will be presented in the monthl issuance plans.
Foreign financing	 possible issuances of bonds on the international market, loans from International Financial Institutions up to EUR 1.5bn, possible loans from the EU within the instrument for temporary support to mitigate unemployment risks in an emergency (SURE).



nd sale auctions	Auction date	Settlement date	ent date Series		l offer)	
	28 JUL 2022	PS1024 / PS0527 / WZ 1 AUG 2022 WZ1131 / DS0432 possible other T-bc		32 / 4,000-9,000		
	tations with investors.	bly will be announced 2 days b be offered within additional sa			nation and consul-	
d switching auctions	Auction date / settlement date	Settlement T-bon	ds Source T-bo	oonds Outstanding (PLN m)		
			OK0722	2	23,996	
			WS0922		15,868	
		PS1024 / PS0527 /	WZ1122	2	21,654	
	14 JUL 2022 / 18 JUL 2022	WZ1127 / WZ1131 DS0432 / possible oth	/ DS0122	3	31,606	
		T-bond	OK0423	2	21,760	
			WZ0124	2	24,517	
			WZ0524	2	26,119	
auctions	Sale auctions of Trea	sury bills are not plan	hed			
		Sury bills are not plan	юч.			
on the retail market	T-bond	Issue p	rice	Coupon		
	OTS1022 3-month	100.00 P (100.00 F	LN PLN for rolling-over)	Fixed: 3.00% per year		
	ROR0723 1-year		100.00 PLN (99.90 PLN for rolling-over)		Floating (NBP Reference rate+0.00 6.00% in the first coupon period	
	DOR0724 2-year	100.00 P (99.90 Pl	LN ₋N for rolling-over)	Floating (NBP Reference rate+0.2 6.25% in the first coupon period		
	TOZ0725 3-year	100.00 P (99.90 Pl	LN ₋N for rolling-over)	Floating (1.00 * WI 6.00% in the first co	BOR 6M); oupon period	
			LN	Floating (inflation rate + 1.00%); 6.00% in the first coupon period		
	COI0726 4-year	100.00 P (99.90 Pl	N for rolling-over)	6.00% in the first co	ate + 1.00%); oupon period	
	4-year EDO0732 10-year	(99.90 Pl 100.00 P	_N for rolling-over)	Floating (inflation ra 6.25% in the first co	oupon period ate + 1.25%); oupon period	
	4-year EDO0732	(99.90 Pl 100.00 P	_N for rolling-over) LN _N for rolling-over)	Floating (inflation ra	oupon period ate + 1.25%); oupon period ate + 1.50%);	