### Warsaw, June 10<sup>th</sup> 2024

### Ministry of Finance Republic of Poland

#### Public Debt 2024 Q1

Quarterly newsletter

- 1. At the end of the first quarter of 2024 the consolidated public debt (according to the domestic definition) stood at PLN 1,416,918.8 million <sup>1</sup> and compared with the end of 2023 it rose by PLN 88,822.33 million (+6.7%).
- 2. The increase in the public debt in the first quarter of 2024 was a combination of:
- an increase in the central government sector debt of PLN 90,644.6 million (+7.4%), including an increase in consolidated State Treasury (ST) debt of PLN 90,934.8 million (+7.5%);
- a decrease in the local government sector debt of PLN 1,824.4 million (-1.7%), with a decrease in the local government units' (LGUs) debt of PLN 1,964.8 million (-2.0%);
- an increase in the social security sector debt of PLN 2.2 million (+14.9%).
- 3. At the end of the first quarter of 2024, the public debt to GDP ratio amounted to 41.1%<sup>2</sup>, up by 2.2 percentage points compared with the end of 2023
- 4. At the end of the first quarter of 2024 the general government debt (EDP debt, part of the government finance Maastricht criterion) was at PLN 1,771,816.8 million<sup>1,3</sup> and compared with the end of 2023 it rose by PLN 80,645.7 million (+4.8%).

- 5. **The changes in the EDP debt in the first quarter of 2024** were similar to those in the public debt measured according to the domestic definition. Additionally the EDP debt was influenced by:
- an increase in the consolidated debt of the COVID-19 Response Fund (FPC) by PLN 10,290.4 million;
- an increase in the debt of the Aid Fund (FP) by PLN 1,046.8 million;
- an increase in deposits on the Minister of Finance account and TS held by funds managed by BGK by PLN 2,349.3 million, which resulted in a decrease of the EDP debt due to an increase in consolidation of liabilities between units of the general government sector,
- a decrease in the debt of the Polish Development Fund (PFR) related to the financing of the Financial Shield by PLN 16,325.0 million as a result of the redemption of PFR0324.
- 6. At the end of the first quarter of 2024, the general government debt to GDP ratio amounted to 51.4%<sup>2</sup>, up by 1.9 percentage points compared with the end of 2023.

The differences between public debt according to the domestic definition and general government debt are presented in chart 3 (page 2) and in table 3 (page 8).

Table 1. Public debt according to the place of issue criterion - after consolidation (PLN m, at face value, eop)

ltem	2022 Q4	structure 2022 Q4	2023 Q4	structure 2023 Q4	2024 Q1	structure 2024 Q1	char 2024 Q1 -	Ŭ	chai 2023 Q4-	•
							PLN m	%	PLN m	%
Public debt	1,209,497.9	100.0%	1,328,096.4	100.0%	1,416,918.8	100.0%	88,822.3	6.7%	118,598.5	9.8%
Domestic debt	896,575.4	74.1%	998,771.7	75.2%	1,058,968.1	74.7%	60,196.4	6.0%	102,196.3	11.4%
1. Debt securities	806,548.8	66.7%	906,768.8	68.3%	967,649.1	68.3%	60,880.2	6.7%	100,220.1	12.4%
2. Loans	65,430.6	5.4%	74,634.7	5.6%	70,920.9	5.0%	-3,713.8	-5.0%	9,204.1	14.1%
3. Other domestic liabilities	24,596.0	2.0%	17,368.2	1.3%	20,398.1	1.4%	3,030.0	17.4%	-7,227.9	-29.4%
Foreign debt	312,922.5	25.9%	329,324.7	24.8%	357,950.6	25.3%	28,626.0	8.7%	16,402.2	5.2%
1. Debt securities	175,068.5	14.5%	179,897.4	13.5%	210,262.1	14.8%	30,364.8	16.9%	4,828.8	2.8%
2. Loans	137,838.2	11.4%	147,345.7	11.1%	145,710.4	10.3%	-1,635.3	-1.1%	9,507.5	6.9%
3. Other foreign liabilities	15.8	0.0%	2,081.6	0.2%	1,978.1	0.1%	-103.5	-5.0%	2,065.8	13045.5%

Table 2. Public debt according to the residency criterion - after consolidation (PLN m, at face value, eop)

Table 2. Public debt according to the residency criterion - after consolidation (PLN m, at face value, eop)												
		structure		structure	•	structure	char	change		nge		
Item	2022 Q4	2022 Q4	2023 Q4	2023 Q4	2024 Q1	2024 Q1	2024 Q1 -	2023 Q4	2023 Q4-	2022 Q4		
							PLN m	%	PLN m	%		
Public debt	1,209,497.9	100.0%	1,328,096.4	100.0%	1,416,918.8	100.0%	88,822.3	6.7%	118,598.5	9.8%		
Domestic debt	773,788.6	64.0%	888,946.7	66.9%	946,658.8	66.8%	57,712.1	6.5%	115,158.1	14.9%		
1. Debt securities	683,775.7	56.5%	796,959.2	60.0%	855,356.4	60.4%	58,397.3	7.3%	113,183.5	16.6%		
2. Loans	65,430.6	5.4%	74,634.7	5.6%	70,920.9	5.0%	-3,713.8	-5.0%	9,204.1	14.1%		
3. Other domestic liabilities	24,582.3	2.0%	17,352.8	1.3%	20,381.4	1.4%	3,028.6	17.5%	-7,229.5	-29.4%		
Foreign debt	435,709.3	36.0%	439,149.7	33.1%	470,260.0	33.2%	31,110.2	7.1%	3,440.4	0.8%		
1. Debt securities	297,841.6	24.6%	289,707.1	21.8%	322,554.8	22.8%	32,847.7	11.3%	-8,134.6	-2.7%		
2. Loans	137,838.2	11.4%	147,345.7	11.1%	145,710.4	10.3%	-1,635.3	-1.1%	9,507.5	6.9%		
3. Other foreign liabilities	29.5	0.0%	2,097.0	0.2%	1,994.8	0.1%	-102.2	-4.9%	2,067.5	7001.3%		

<sup>1)</sup> Data regarding the first quarter of 2024 are preliminary. Data regarding previous periods were updated if necessary.

<sup>&</sup>lt;sup>2)</sup> GDP for four consecutive quarters.

<sup>&</sup>lt;sup>3)</sup> Lack of information on the consolidation of mutual debt of corporations included in the general government sector.

Chart 1. Public debt

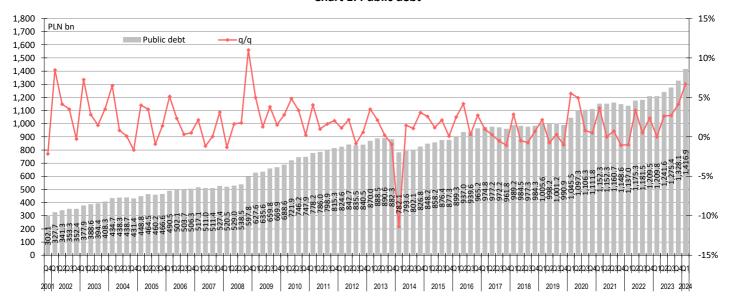


Chart 2. EDP debt

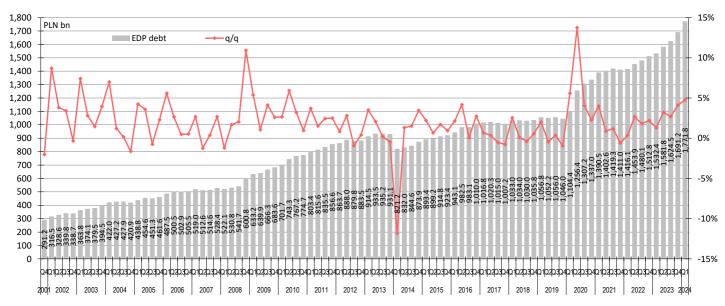
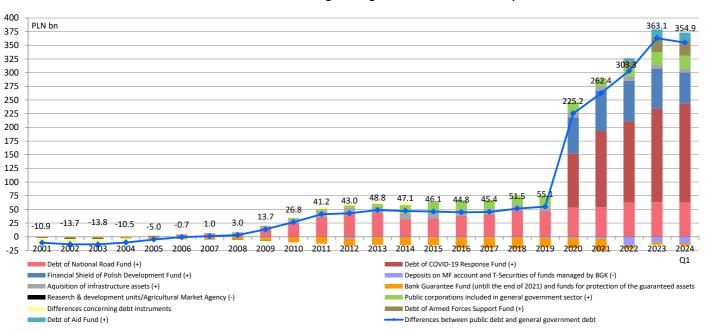


Chart 3. Differences between the general government debt and the public debt



#### Chart 4. Public debt according to the place of issue criterion

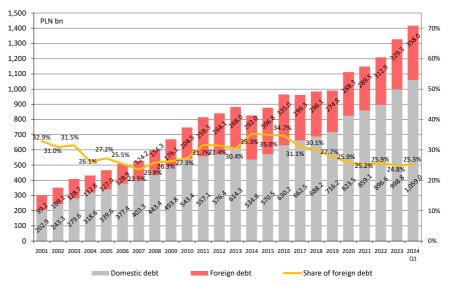
At the end of the first quarter of 2024 the domestic debt stood at PLN 1,059.0 bn, up by PLN 60.2 bn (+6.0%) compared with the previous gurater.

Foreign debt stood at PLN 358.0 bn, up by PLN 28.6 bn (+8.7%) compared with the previous quarter.

The increase in the foreign debt in the first quarter was a combination of:

- a change in Treasury securities denominated in EUR (EUR +1.75 bn) and in USD (USD +6,0 bn);
- positive balance of ST foreign loans (EUR +0.03 bn);
- appreciation of the Polish zloty against EUR, JPY and CNY a decrease in the public debt of PLN 1.8 bn.

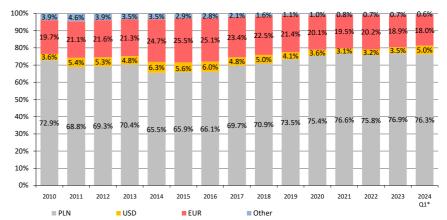
At the end of the first quarter the share of foreign debt in the total EDP debt amounted to 25.3%, up by 0.5 percentage points compared with the end of 2023.



#### Chart 5. Currency structure of the public debt

At the end of the first quarter of 2024 liabilities denominated in PLN accounted for 76.3% of the public debt (a decrease of 0.6 percentage points compared with the end of 2023).

The share of debt denominated in EUR amounted to 18.0% and denominated in USD amounted to 5.0%.

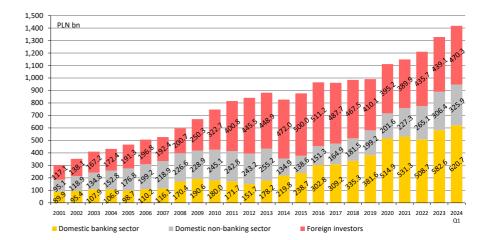


<sup>\*</sup> estimates for the quarterly currency structure of the debt of units other than the State Treasury

#### Chart 6. Public debt by holder

In the first quarter of 2024 the public debt towards:

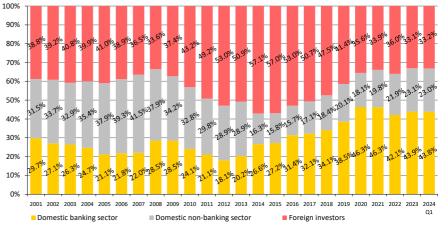
- domestic banking sector rose by PLN 38.1 bn (+6.5%);
- domestic non-banking sector rose by PLN 19.6 bn (+6.4%);
- non-residents rose by PLN 31.1 bn (+7.1%).



#### Chart 7. Structure of the public debt by holder

The share of the public debt towards foreign investors rose by 0.1  $\,\,_{90\%}$  percentage points in the first quarter of 2024 and amounted to 33.2%. The increase was mainly the result of an increase in ST debt denominated in EUR and USD and a slight decrease in foreign investors' invovement in domestic TS with a high increase in domestic debt.

The share of the public debt towards domestic banking sector amounted to 43.8% and the share of the public debt towards domestic non-banking sector fell by 0.1 percentage points in the first quarter and reached 23.0%.



### Chart 8. General government debt according to the place of issue criterion

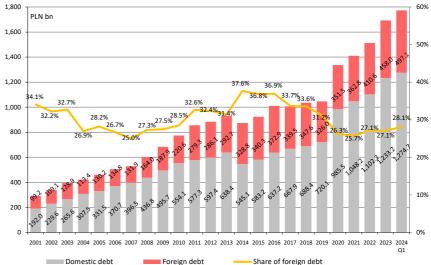
At the end of the first quarter of 2024 the domestic debt stood at PLN 1,274.7 bn, up by PLN 41.5 bn (+3.4%) compared with the previous qurater.

Foreign debt stood at PLN 497.1 bn, up by PLN 39.2 bn (+8.6%) compared with the previous quarter.

The increase in the foreign debt in the first quarter, in addition to factors related to the ST debt, was a combination of:

- an increase in foreign securities of the FPC and the FP (EUR +2.3 bn) and a change in foreign loans of the National Road Fund and the Armed Forces Support Fund (SEK +0.25 bn, PLN -0.1 bn and EUR -0.15 bn);
- a decrease in the general government debt due to FX rates movements of PLN 3.8 bn.

At the end of the first quarter the share of foreign debt in the total EDP debt amounted to 28.1%, up by 1.0 percentage points compared with the end of 2023.

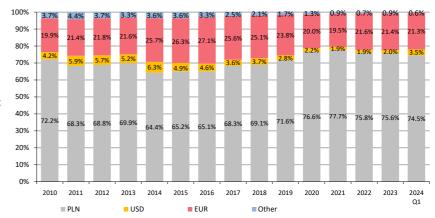


#### Chart 9. Currency structure of the general government debt

At the end of the first quarter of 2024 liabilities denominated in PLN accounted for 74.5% of the EDP debt (a decrease of 1.1 percentage points compared with the end of 2023).

The share of debt denominated in EUR amounted to 21.3% and denominated in USD amounted to 3.5%.

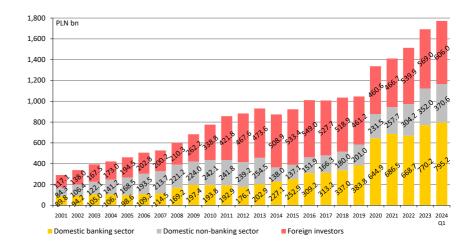
The general government debt, unlike the public debt according to domestic definition, takes into account cross currency interest rate swaps.



#### Chart 10. General government debt by holder

In the first quarter of 2024 the general government debt towards:

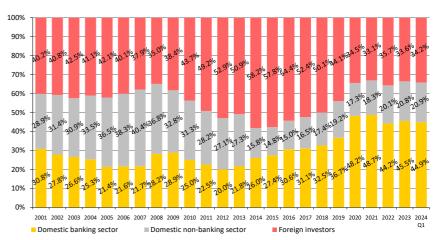
- domestic banking sector rose by PLN 25.0 bn (+3.2%);
- domestic non-banking sector rose by PLN 18.7 bn (+5.3%);
- non-residents rose by PLN 37.0 bn (+6.5%).



#### Chart 11. Structure of the general government debt by holder

The share of the EDP debt towards foreign investors rose by 0.6 percentage points in the first quarter and amounted to 34.2%. The increase in the share of the EDP debt towards non-residents in the first quarter, compared to the share in the public debt according to domestic definition, was further influenced by an increase in the debt of BGK managed funds to non-residents. The share of the EDP debt towards domestic banking sector amounted to 44.9%, down by 0.7 percentage points in the first quarter.

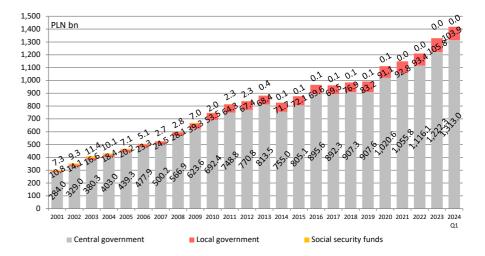
The share of the EDP debt towards domestic non-banking sector rose by o 0.1 percentage points in the first quarter.



#### Chart 12. Consolidated public debt by subsector

At the end of the first quarter of 2024 the public debt consisted of:

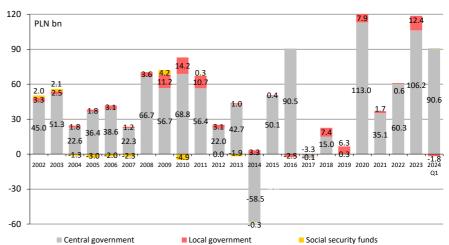
- central government debt PLN 1,313.0 bn;
- local government debt PLN 103.9 bn;
- social security funds debt PLN 0.02 bn.



## Chart 13. Changes in the consolidated public debt by subsector

The change of the public debt in the first quarter of 2024 was mainly a result of the central government debt increase, in particular of the State Treasury debt. Central government debt and consolidated ST debt rose by PLN 90.6 bn (+7.4%) and by PLN 90.9 bn (+7.5%), respectively. Local government debt fell by PLN 1.8 bn (-1.7%), including a decrease in local government units debt of PLN 2.0 bn (-2.0%).

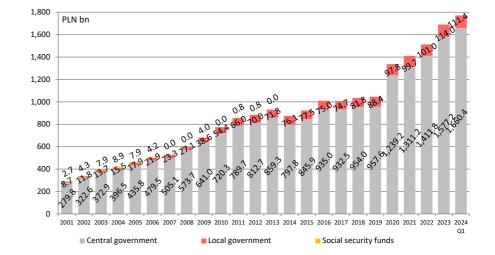
Social security funds debt rose by PLN 2.2 m (+14.9%).



#### Chart 14. General government debt by subsectors

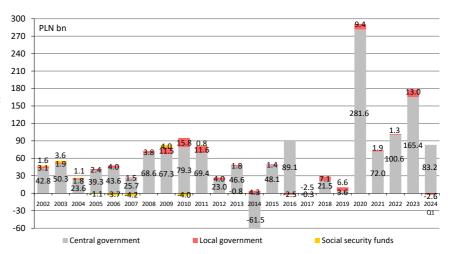
At the end of the first quarter 2024 the genral government debt consisted of:

- central government debt PLN 1,660.4 bn;
- local government debt PLN 111.4 bn;
- social security subsector had no debt.



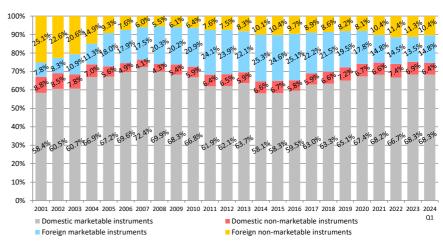
# Chart 15. Changes in the general government debt by subsector

The change of the general government debt in the first quarter of 2024 was mainly a result of an increase in the central government debt, in particular in the debt of ST and funds managed by BGK. The central government debt and the debt of funds managed by BGK rose by PLN 83.2 bn (+5.3%) and by PLN 10.6 bn (+3.9%), respectively. Local government debt fell by PLN 2.6 bn (-2.2%) in the first quarter.



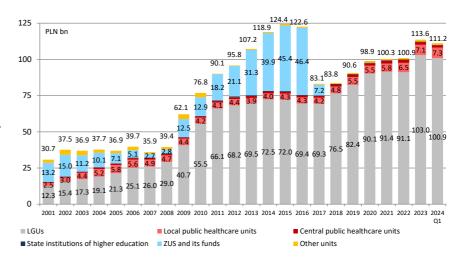
#### Chart 16. Structure of the public debt by instrument

At the end of the first quarter of 2024 marketable instruments comprised 83.1% of the public debt, including instruments issued on the domestic market - 68.3%. The share of marketable instruments in the public debt rose by 1.3 percentage points compared with the end of 2023.



## Chart 17. Unconsolidated debt of the public finance sector units other than ST

At the end of the first quarter of 2024, the unconsolidated debt of units other than ST amounted to 7.2% of the public debt, down from 7.5% at the end of 2023. Among those entities, the debt of local government units and their unions (6.5%, as compared to 7.1% at the end of 2023) and of local health care units (share of 0.5%) constituted the largest part.



### Chart 18. Consolidated debt of public finance sector units other than ST

At the end of the first quarter of 2024 the difference between 100 consolidated and unconsolidated debt of public finance sector units other than ST amounted to PLN 4.9 bn. This is due to the fact that 4.4% of their debt comprised liabilities towards other public finance sector units.  $^{75}$ 

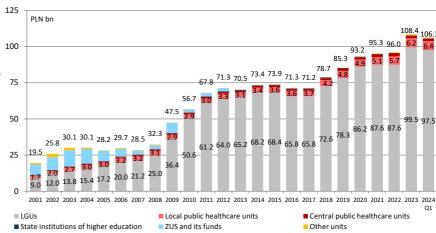


Chart 19. Structure of the local government units' debt

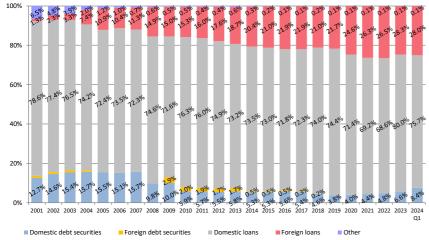
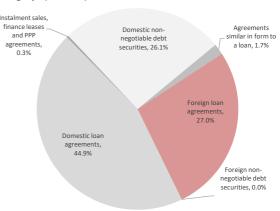
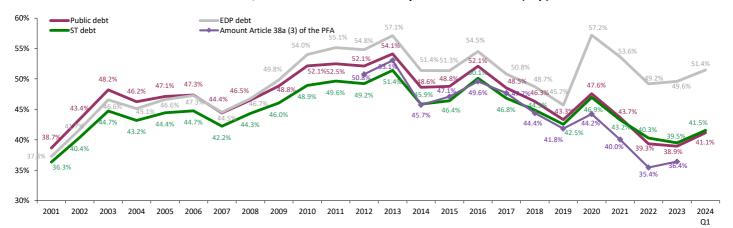


Chart 20. Structure of the LGUs' debt include in the loans category\* (2024 Q1)



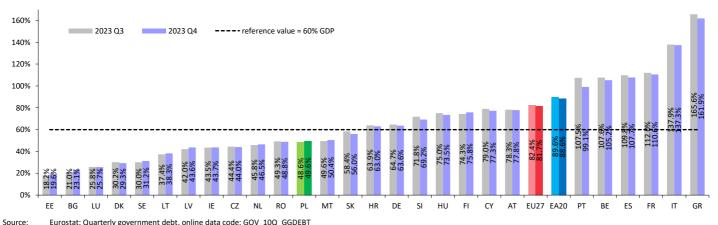
\*liabilities included in the category of loans are defined in the Ordinance of the Minister of Finance on the detailed classification of debt titles included in the public debt (Journal of Laws 2011 No. 298, item 1767)

Chart 21. Public debt, EDP debt and State Treasury debt to GDP ratios (eop)



Source: Ministry of Finance

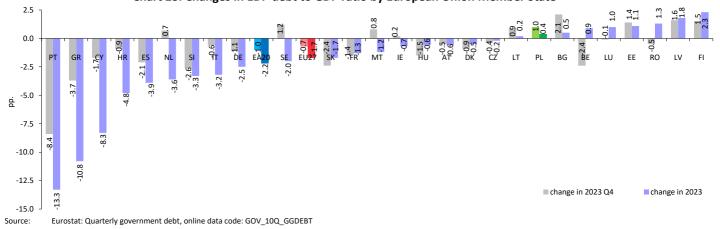
Chart 22. EDP debt to GDP ratio by European Union Member State



Eurostat: Quarterly government debt, online data code: GOV 10Q GGDEBT

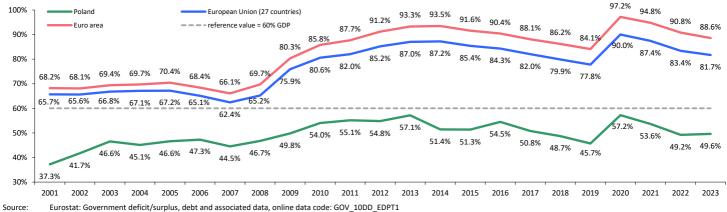
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Chart 23. Changes in EDP debt to GDP ratio by European Union Member State



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Chart 24. EDP Debt to GDP ratio in Poland, European Union and euro area (eop)



Eurostat: Quarterly government debt, online data code: GOV 10Q GGDEBT

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Table 3. Differences between public debt (according to domestic methodology) and general government debt (PLN m)

ITEM	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 Q1
Public debt	877,282.4	965,199.0	961,841.5	984,313.5	990,945.6	1,111,805.7	1,148,579.3	1,209,497.9	1,328,096.4	1,416,918.8
1) Adjustments concerning the scope of the sector	47,842.9	46,943.2	46,975.7	52,902.6	56,615.9	225,504.2	263,343.8	305,145.3	364,464.9	357,269.1
Debt of the National Road Fund (consolidated within general governmet)	33,312.4	38,467.0	41,087.8	47,952.3	47,133.4	53,222.8	54,359.5	62,729.8	63,539.7	62,894.0
Debt of the COVID-19 Response Fund (consolidated within general governmet)	-	-	-	-	-	99,448.9	138,827.0	148,183.2	170,030.0	180,320.4
Debt of the Aid Fund	-	-	-	-	-	-	-	6,096.9	13,340.2	14,387.0
Debt of the Armed Forces Support Fund	-	-	-	-	-	-	-	9,913.0	27,884.3	27,820.6
Financial Shield of Polish Development Fund	-	-	-	-	-	65,400.0	73,900.0	73,900.0	73,900.0	57,575.0
T-Securities and deposits on MF account of funds managed by BGK	-1,410.9	-1,384.1	-1,023.1	-1,588.8	-2,257.8	-1,994.2	-3,707.6	-16,364.6	-10,128.6	-12,478.0
Aquisition of infrastructure assets (motorways)	11,023.2	10,699.0	10,341.9	9,961.8	9,538.5	8,995.6	8,435.6	7,847.8	7,271.2	7,184.7
Debt of public corporations included in general government sector	18,958.0	17,454.8	15,611.9	16,697.9	18,294.1	24,569.2	26,271.4	29,281.7	33,802.4	34,506.6
Assets of public corporations included in general government sector	0.0	-38.4	-112.3	-272.3	-276.8	-5,165.3	-12,580.1	-11,429.5	-10,688.3	-11,352.4
BGF (untill the end of 2021) and funds for protection of the guaranteed assets	-14,039.8	-18,255.0	-18,930.5	-19,848.4	-15,815.6	-18,972.9	-22,161.9	-5,013.0	-4,486.0	-3,589.0
2) Differences concerning debt instruments	-1,708.8	-2,120.3	-1,617.7	-1,417.7	-1,540.6	-271.8	-962.0	-1,870.5	-1,390.2	-2,371.0
matured payables	-1,795.0	-1,733.0	-2,106.1	-1,733.1	-1,929.4	-1,687.7	-1,624.8	-2,054.9	-2,343.0	-2,475.7
debt assumption - activation of a guarantee	0.0	0.1	2.3	2.1	0.0	4.2	12.2	0.3	2.3	0.6
restructured/refinanced trade credits and sell-lease-back operations	569.4	693.2	725.5	763.5	847.6	816.3	724.2	727.0	772.2	744.9
derivatives	-483.2	-1,080.7	-239.5	-450.2	-458.9	595.3	-73.6	-542.8	178.3	-640.9
General government debt	923,416.5	1,010,021.9	1,007,199.6	1,035,798.3	1,046,020.8	1,337,038.1	1,410,961.1	1,512,772.7	1,691,171.2	1,771,816.8

Table 4. Public debt - before consolidation (PLN m, at face value, eop)

		structure		structure		structure	change		change	
ITEM	2022 Q4	2022 Q4	2023 Q4	2023 Q4	2024 Q1	2024 Q1	2024 Q1	- 2023 Q4	2023 Q4 -	2022 Q4
							m PLN	%	m PLN	%
Public debt	1,339,351.5	100.0%	1,459,788.4	100.0%	1,541,548.0	100.0%	81,759.6	5.6%	120,437.0	9.0%
1. Central government sector debt	1,241,321.3	92.7%	1,349,194.9	92.4%	1,432,904.9	93.0%	83,710.0	6.2%	107,873.6	8.7%
1.1. State Treasury	1,238,470.5	92.5%	1,346,200.9	92.2%	1,430,341.8	92.8%	84,141.0	6.3%	107,730.4	8.7%
1.2. Earmarked State funds	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-
1.3. State institutions of higher education	320.2	0.0%	362.7	0.0%	365.3	0.0%	2.6	0.7%	42.6	13.3%
1.4. Independent public healthcare units	2,028.0	0.2%	1,858.0	0.1%	1,571.4	0.1%	-286.6	-15.4%	-170.0	-8.4%
1.5. State institutions of culture	1.2	0.0%	6.1	0.0%	6.5	0.0%	0.4	6.8%	4.8	393.2%
1.6. Polish Academy of Science and units established by it	31.6	0.0%	174.4	0.0%	84.5	0.0%	-89.9	-51.5%	142.8	451.9%
1.7. Other central government legal entities	469.8	0.0%	592.8	0.0%	535.4	0.0%	-57.4	-9.7%	123.1	26.2%
2. Local government sector debt	97,999.4	7.3%	110,579.1	7.6%	108,626.5	7.0%	-1,952.6	-1.8%	12,579.7	12.8%
2.1. Local government units	91,131.1	6.8%	103,028.3	7.1%	100,917.7	6.5%	-2,110.6	-2.0%	11,897.2	13.1%
2.2. Independent public health units	6,457.5	0.5%	7,104.9	0.5%	7,280.7	0.5%	175.7	2.5%	647.5	10.0%
2.3. Local institutions of culture	114.9	0.0%	109.1	0.0%	94.3	0.0%	-14.7	-13.5%	-5.8	-5.1%
2.4. Other local government legal entities	296.0	0.0%	336.8	0.0%	333.8	0.0%	-2.9	-0.9%	40.8	13.8%
3. Social Security Sector debt	30.8	0.0%	14.5	0.0%	16.7	0.0%	2.2	14.9%	-16.3	-52.9%
3.1. Social Insurance Institution	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-100.0%
3.2. Funds managed by Social Insurance Institution	30.8	0.0%	14.5	0.0%	16.7	0.0%	2.2	14.9%	-16.3	-52.9%
3.3. Agricultural Social Insurance Fund	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-
3.4. National Health Fund	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-

Table 5. Public debt - after consolidation (PLN m, at face value, eop)

		structure		structure		structure	change		change	
ITEM	2022 Q4	2022 Q4	2023 Q4	2023 Q4	2024 Q1	2024 Q1	2024 Q1	- 2023 Q4	2023 Q4 -	2022 Q4
							m PLN	%	m PLN	%
Public debt	1,209,497.9	100.0%	1,328,096.4	100.0%	1,416,918.8	100.0%	88,822.3	6.7%	118,598.5	9.8%
1. Central government sector debt	1,116,112.2	92.3%	1,222,325.4	92.0%	1,312,970.0	92.7%	90,644.6	7.4%	106,213.3	9.5%
1.1. State Treasury	1,113,484.1	92.1%	1,219,660.0	91.8%	1,310,594.8	92.5%	90,934.8	7.5%	106,175.9	9.5%
1.2. Earmarked State funds	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-
1.3. State institutions of higher education	298.1	0.0%	344.2	0.0%	349.7	0.0%	5.5	1.6%	46.1	15.5%
1.4. Independent public health care units	1,968.3	0.2%	1,674.0	0.1%	1,521.3	0.1%	-152.8	-9.1%	-294.3	-15.0%
1.5. State institutions of culture	0.7	0.0%	6.0	0.0%	6.4	0.0%	0.3	5.3%	5.4	814.6%
1.6. Polish Academy of Science and units established by it	18.0	0.0%	162.6	0.0%	73.1	0.0%	-89.5	-55.0%	144.5	800.8%
1.7. Other central government legal entities	342.9	0.0%	478.6	0.0%	424.9	0.0%	-53.7	-11.2%	135.7	39.6%
2. Local government sector debt	93,355.0	7.7%	105,756.5	8.0%	103,932.1	7.3%	-1,824.4	-1.7%	12,401.5	13.3%
2.1. Local government units	87,561.1	7.2%	99,457.6	7.5%	97,492.9	6.9%	-1,964.8	-2.0%	11,896.5	13.6%
2.2. Independent public health care units	5,710.7	0.5%	6,223.1	0.5%	6,369.9	0.4%	146.7	2.4%	512.4	9.0%
2.3. Local institutions of culture	81.5	0.0%	75.3	0.0%	69.0	0.0%	-6.4	-8.5%	-6.2	-7.6%
2.4. Other local government legal entities	1.7	0.0%	0.4	0.0%	0.4	0.0%	0.0	-9.5%	-1.3	-75.7%
3. Social Security Sector debt	30.8	0.0%	14.5	0.0%	16.7	0.0%	2.2	14.9%	-16.3	-52.9%
3.1. Social Insurance Institution	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-100.0%
3.2. Funds managed by Social Insurance Institution	30.8	0.0%	14.5	0.0%	16.7	0.0%	2.2	14.9%	-16.3	-52.9%
3.3. Agricultural Social Insurance Fund	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-
3.4. National Health Fund	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-

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