

Republic of Poland

#### Public Debt Q2 2017

Quarterly newsletter

- 1. At the end of the second quarter of 2017 consolidated public debt (according 4. At the end of the second quarter of 2017 general government debt to domestic definition) stood at PLN 977,216.4 million\* and compared with:
- the previous quarter rose by PLN 2,460.3 million (+0.3%),
- the end of 2016 rose by PLN 12,017.5 million (+1.2%).
- 2. Increase of public debt in the second quarter of 2017 resulted from:
- increase in central government sector debt of PLN 3,333.1 million (+0.4%), including consolidated State Treasury debt increase of PLN 3,236.3 million
- decrease in local government sector debt of PLN 876.2 million (-1.3%), including local government units debt decrease of PLN 991.9 million (-1.5%),
- increase in social security sector debt of PLN 3.5 million (+5.1%).
- 3. At the end of the second quarter of 2017 unconsolidated public debt stood at PLN 1,026,654.5 million and compared with:
- the previous quarter rose by PLN 3,301.2 million (+0.3%),
- the end of 2016 debt fell by PLN 24,584.7 (-2.3%).

The decrease of unconsolidated public debt resulted from cancellation of loans granted by the State Treasury to ZUS fund with maturity date falling in March 2017. The cancellation had no impact on consolidated public debt.

- (EDP debt, part of the government finance Maastricht criterion) was at PLN 1,016,004.2 million\* and rose by:
- PLN 2,947.4 million (+0.3%) in the second quarter of 2017,
- PLN 9,725.5 million (+1.0%) compared with the end of 2016.
- 5. Similarly to public debt measured according to domestic definition, the change in EDP debt in the second quarter of 2017 resulted predominantly from changes in State Treasury debt. Moreover EDP debt was influenced mainly by:
- decrease in debt of corporations included in general government sector by PLN 268.0 million.
- increase in debt of National Road Fund (NRF) by PLN 257.6 million,
- decrease in T-securities held by Bank Guarantee Fund (incl. fund for protection of the guaranteed assets) and funds managed by BGK (incl. NRF) by PLN 275.9 million which increases EDP debt due to decrease of consolidation between units of the general government sector,
- increase in debt swapped using CIRS transactions due to FX changes by PLN 596.6 million.

The differences between public debt according to domestic definition and general government debt are presented in chart 3 (page 2) and in table 3 (page 7).

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

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		structure		structure		structure	change		cha	nge	
ltem	Q4 2016	Q4 2016	Q1 2017	Q1 2017	Q2 2017	Q2 2017	Q2 2017 -	Q2 2017 - Q1 2017		Q4 2016	
							PLN m	%	PLN m	%	
Public debt	965,199.0	100.0%	974,756.1	100.0%	977,216.4	100.0%	2,460.3	0.3%	12,017.5	1.2%	
Domestic debt	630,171.6	65.3%	657,487.5	67.5%	666,482.5	68.2%	8,995.0	1.4%	36,310.9	5.8%	
1. Debt securities	574,284.0	59.5%	602,683.6	61.8%	612,296.3	62.7%	9,612.8	1.6%	38,012.3	6.6%	
2. Loans	50,128.7	5.2%	48,999.4	5.0%	48,155.7	4.9%	-843.7	-1.7%	-1,973.0	-3.9%	
3. Other domestic liabilities	5,758.9	0.6%	5,804.5	0.6%	6,030.5	0.6%	225.9	3.9%	271.6	4.7%	
Foreign debt	335,027.4	34.7%	317,268.6	32.5%	310,733.9	31.8%	-6,534.7	-2.1%	-24,293.4	-7.3%	
1. Debt securities	241,850.6	25.1%	228,517.2	23.4%	222,524.7	22.8%	-5,992.4	-2.6%	-19,325.8	-8.0%	
2. Loans	93,152.9	9.7%	88,680.7	9.1%	88,071.6	9.0%	-609.1	-0.7%	-5,081.4	-5.5%	
3. Other foreign liabilities	23.9	0.0%	70.8	0.0%	137.7	0.0%	66.8	94.4%	113.8	476.9%	

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

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		structure		structure		structure	change		change	
ltem	Q4 2016	Q4 2016	Q1 2017	Q1 2017	Q2 2017	Q2 2017	Q2 2017 -	Q1 2017	Q2 2017 -	Q4 2016
							PLN m	%	PLN m	%
Public debt	965,199.0	100.0%	974,756.1	100.0%	977,216.4	100.0%	2,460.3	0.3%	12,017.5	1.2%
Domestic debt	454,024.8	47.0%	466,682.4	47.9%	469,252.5	48.0%	2,570.1	0.6%	15,227.7	3.4%
1. Debt securities	398,154.1	41.3%	411,895.1	42.3%	415,083.2	42.5%	3,188.1	0.8%	16,929.1	4.3%
2. Loans	50,128.7	5.2%	48,999.4	5.0%	48,155.7	4.9%	-843.7	-1.7%	-1,973.0	-3.9%
3. Other domestic liabilities	5,742.0	0.6%	5,787.9	0.6%	6,013.6	0.6%	225.7	3.9%	271.6	4.7%
Foreign debt	511,174.2	53.0%	508,073.7	52.1%	507,963.9	52.0%	-109.8	0.0%	-3,210.3	-0.6%
1. Debt securities	417,980.5	43.3%	419,305.6	43.0%	419,737.9	43.0%	432.2	0.1%	1,757.4	0.4%
2. Loans	93,152.9	9.7%	88,680.7	9.1%	88,071.6	9.0%	-609.1	-0.7%	-5,081.4	-5.5%
3. Other foreign liabilities	40.7	0.0%	87.4	0.0%	154.5	0.0%	67.1	76.7%	113.7	279.2%

<sup>\*</sup> Data regarding the second quarter of 2017 are preliminary. Data regarding previous periods were updated if necessary.

Chart 1. Public debt

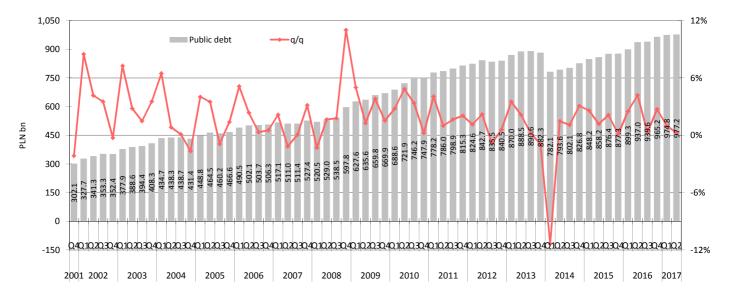


Chart 2. EDP debt

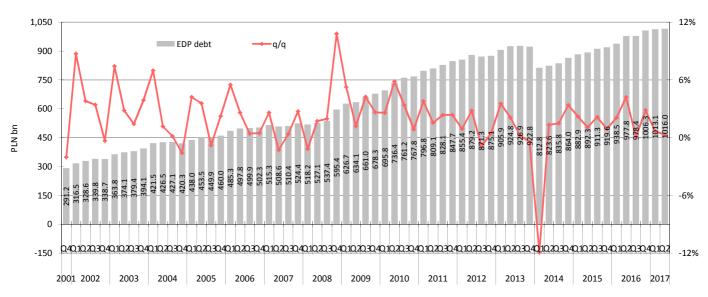
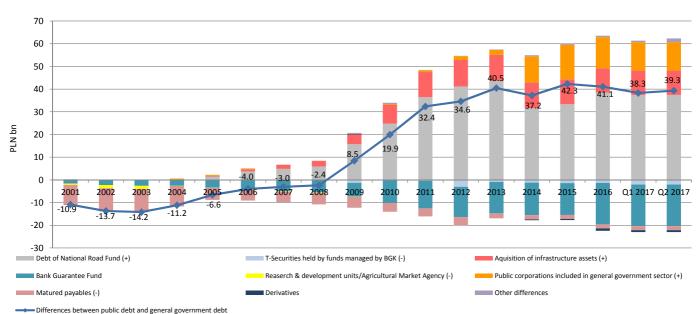


Chart 3. Differences between public debt and general government debt

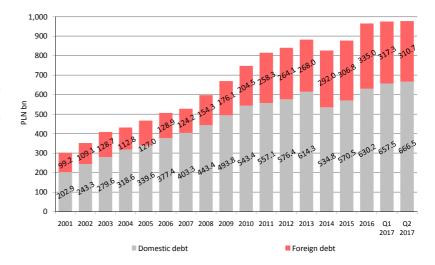


#### Chart 4. Public debt according to the place of issue criterion

At the end of the second quarter of 2017 domestic debt stood at PLN 666.5 bn, up by PLN 9.0 bn (+1.4%) compared with the end of the first quarter.

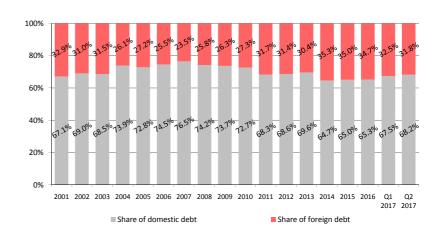
In the same period foreign debt stood at PLN 310.7 bn, down by PLN 6.5 bn (-2.1%) mainly due to changes in ST debt:

- appreciation of zloty against USD (6.1%), JPY (6.1%), CNY (4.5%), CHF (2.0%) and depreciation against EUR (0.2%) a decrease in debt of PLN 4.1 bn,
- redemption of bonds (JPY 25.0 bn and CHF 0.25 bn),
- repayment of loans from international monetary institutions granted to ST (EUR 0.15 bn).



## Chart 5. Structure of public debt according to the place of issue criterion

At the end of the second quarter of 2017 the share of foreign debt in the total debt amounted to 31.8% down by 2.9 percentage points compared with the end of 2016 and by 0.7 percentage points compared with the previous quarter. It has been lowest level recorded since cancellation of domestic ST securities in February 2014 as a result of pension system reform.



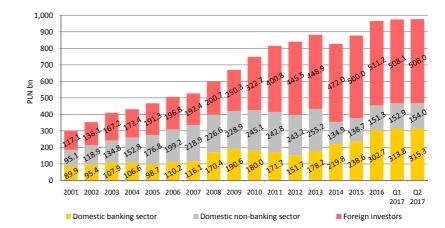
#### Chart 6. Public debt by holder

In the second quarter of 2017 public debt towards:

- domestic banking sector rose by PLN 1.5 bn (+0.5%),
- domestic non-banking sector rose by PLN 1.1 bn (+0.7%),
- foreign investors (non-residents) fell by PLN 0.1 bn (-0.02%).

Compared with the end of 2016 public debt towards:

- domestic banking sector rose by PLN 12.5 bn (+4.1%),
- domestic non-banking sector rose by PLN 2.7 bn (+1.8%),
- foreign investors (non-residents) fell by PLN 3.2 bn (-0.6%).



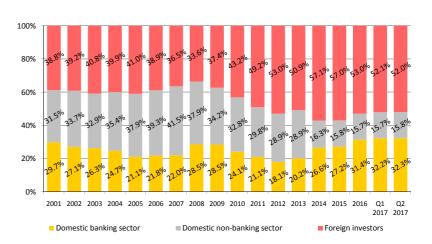
### Chart 7. Structure of public debt by holder

After an increase in 2014 and stabilization in 2015 the share of public debt towards foreign investors fell in 2016 and in the first half of 2017 by 5.0 percentage points in total.

In the first half of 2017 the share of public debt towards:

- foreign investors fell by 1.0 percentage points,
- domestic banking sector rose by 0.9 percentage points,
- domestic non-banking sector rose by 0.1 percentage points.

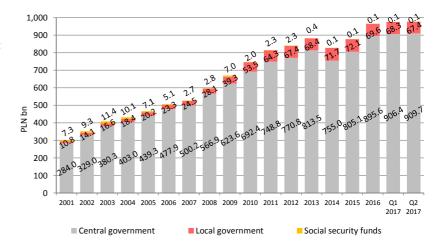
In the second quarter of 2017 only minor changes in the structure of public debt by holder were recorded.



#### Chart 8. Consolidated public debt by subsector

At the end of the second quarter of 2017 public debt consisted of:

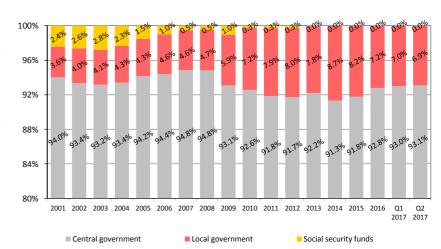
- central government debt PLN 909.7 bn,
- local government debt PLN 67.4 bn,
- social security funds debt PLN 0.1 bn.



### Chart 9. Structure of consolidated public debt by subsector

In the second quarter of 2017 share of subsectors in total public debt amounted to:

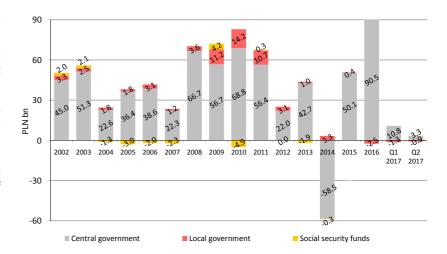
- central government subsector 93.1% (up by 0.1 percentage points),
- local government subsector 6.9% (down by 0.1 percentage points), of which 6.5% represented debt of local government units and their unions,
- social security funds 0.01% (no change).



### Chart 10. Changes in consolidated public debt by subsector

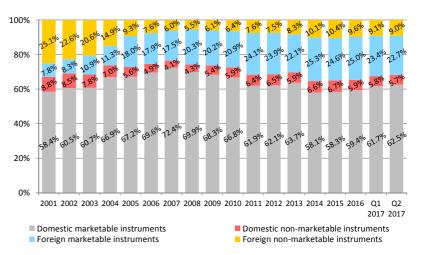
The increase of public debt in the second quarter of 2017 was mainly a result of central government debt increase, in particular of State Treasury debt. In the said period public debt rose by PLN 2.5 bn (+0.3%) while central government debt rose by PLN 3.3 bn (+0.4%) and consolidated State Treasury debt rose by PLN 3.2 bn (+0.4%).

Local government debt fell in the second quarter of 2017 by PLN 0.9 bn (-1.3%) mainly as a result of a decrease in local government units debt by PLN 1.0 bn (-1.5%) and an increase in independent public health units debt by PLN 0.1 bn (+4.0%). In the first half of 2017 local government units debt fell by PLN 2.2 bn (-3.4%). In the second quarter of 2017 social security funds debt rose by PLN 0.003 bn (+5.1%) due to increase in matured payables.



### Chart 11. Structure of public debt by instrument

At the end of the second quarter of 2017 marketable instruments comprised 85.2% of public debt, including instruments issued on the domestic market - 62.5%. The share of marketable instruments in public debt rose by 0.1 percentage points in the second quarter and by 0.8 percentage points in the first half of 2017.



## Chart 12. Unconsolidated debt of public finance sector units other than ST

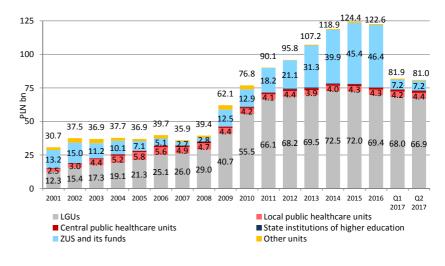
At the end of the second quarter of 2017, the unconsolidated debt of units other than ST amounted to 7.9% of public debt, down from 11.7% at the end of 2016. Among those entities the debt of local government units and their unions constituted the largest part. The decrease of the debt of ZUS funds resulted from cancellation of loans granted by the State Treasury with maturity date falling in March 2017.

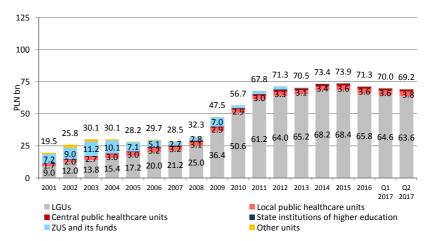
## Chart 13. Consolidated debt of public finance sector units other than ST

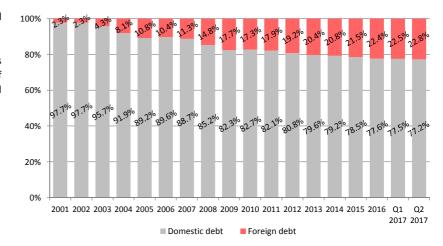
At the end of the second quarter of 2017 the difference between consolidated and unconsolidated debt of public finance sector units other than ST amounted to PLN 11.7 bn. The reason is that 14.5% of their debt are liabilities towards other public finance sector units with the loans granted by the State Treasury to ZUS funds being the largest part (PLN 7.2 bn).

## Chart 14. Structure of unconsolidated debt of LGUs and their associations according to place of issue criterion

The structure of local government liabilities and their unions was dominated by domestic debt, although the share of foreign debt has been increasing, reaching 22.8% at the end of the second quarter of 2017.







# Chart 15. Structure of unconsolidated debt of LGUs and their associations by instrument

Loans prevailed in the structure of liabilities of LGUs and their unions with share of 93.3%. The role of loans in LGUs debt financing has been gradually growing since 2004 reaching its peak at the end 2015. In 2016 and in the first half of 2017 the share of loans fell by 0.3 and 0.4 percentage points respectively.

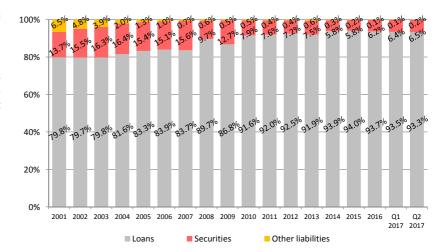
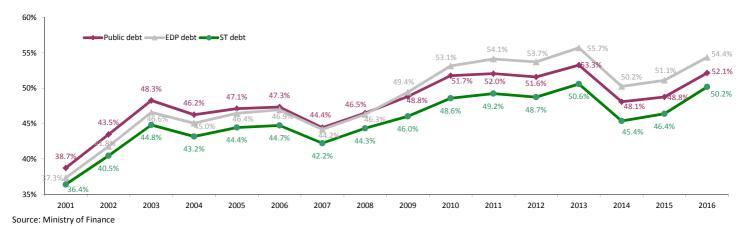
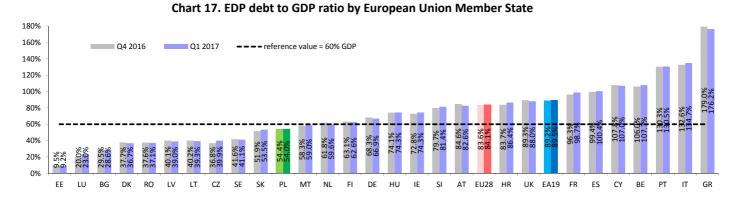


Chart 16. Public debt, EDP debt and State Treasury debt to GDP ratios (eop)





Source: Eurostat - http://ec.europa.eu/eurostat/data/database, Ministry of Finance

Chart 18. Changes in EDP debt to GDP ratio by European Union Member State

Change in 2016

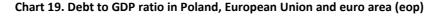
Change in 2016

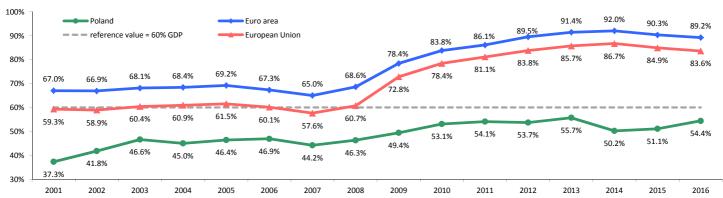
Change in 2016

Change in Q1 2017

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Source: Eurostat - http://ec.europa.eu/eurostat/data/database, Ministry of Finance





Source: Eurostat - http://ec.europa.eu/eurostat/data/database, Ministry of Finance

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

ITEM	Q4 2012	Q4 2013	Q4 2014	Q4 2015	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017
Public debt	840,476.8	882,293.0	826,774.7	877,282.4	899,250.3	936,951.4	939,584.5	965,199.0	974,756.1	977,216.4
1) Adjustments concerning the scope of the sector	38,045.7	42,468.0	38,912.4	44,015.9	40,807.1	42,882.3	40,922.9	43,211.4	40,259.7	40,391.3
Debt of National Road Fund	41,197.4	43,644.7	31,626.3	33,312.4	33,435.9	36,316.1	36,398.5	38,467.0	37,416.8	37,674.4
T-Securities held by funds managed by Bank Gospodarstwa Krajowego	-3,038.9	-895.2	-1,210.9	-1,410.9	-1,728.4	-1,783.4	-1,827.1	-1,384.1	-2,041.1	-2,549.7
Aquisition of infrastructure assets (motorways)	11,571.9	11,423.8	11,261.6	11,023.2	11,023.2	10,866.2	10,866.2	10,699.0	10,699.0	10,529.2
Bank Guarantee Fund	-13,396.5	-13,862.9	-14,296.0	-14,039.8	-16,908.3	-17,506.0	-18,541.8	-18,255.0	-18,366.7	-17,546.3
Public corporations included in general government sector	1,711.8	2,157.5	11,531.5	15,131.0	14,984.5	14,989.3	14,027.0	13,684.5	12,551.7	12,283.8
2) Differences concerning debt instruments	-3,437.9	-2,005.8	-1,724.0	-1,721.9	-1,575.7	-1,994.7	-2,064.2	-2,131.6	-1,959.0	-1,603.5
matured payables	-3,616.5	-2,202.1	-1,947.0	-1,795.0	-1,687.4	-1,928.5	-2,094.4	-1,733.0	-1,718.1	-1,969.1
debt assumption - activation of a guarantee	20.0	1.6	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.5
restructured/refinanced trade credits and sell-lease-back operations	158.6	194.8	524.1	556.4	524.2	516.9	519.7	681.9	639.3	648.4
derivatives	0.0	0.0	-301.2	-483.2	-412.5	-583.1	-489.5	-1,080.7	-880.3	-283.4
General government debt	875,084.6	922,755.2	863,963.2	919,576.5	938,481.7	977,839.1	978,443.2	1,006,278.7	1,013,056.9	1,016,004.2

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

		structure		structure	structure		change		change	
ITEM	Q4 2016	Q4 2016	Q1 2017	Q1 2017	Q2 2017	Q2 2017	Q2 2017	- Q1 2017	Q2 2017 -	Q4 2016
							m PLN	%	m PLN	%
Public debt	1,051,239.1	100.0%	1,023,353.3	100.0%	1,026,654.5	100.0%	3,301.2	0.3%	-24,584.7	-2.3%
1. Central government sector debt	930,433.1	88.5%	943,140.7	92.2%	947,499.6	92.3%	4,358.9	0.5%	17,066.5	1.8%
1.1. State Treasury	928,666.2	88.3%	941,428.3	92.0%	945,695.5	92.1%	4,267.1	0.5%	17,029.3	1.8%
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	370.2	0.0%	330.1	0.0%	351.6	0.0%	21.6	6.5%	-18.6	-5.0%
1.4. Independent public healthcare units	1,382.7	0.1%	1,368.0	0.1%	1,440.9	0.1%	72.9	5.3%	58.3	4.2%
1.5. State institutions of culture	4.7	0.0%	6.1	0.0%	5.8	0.0%	-0.3	-5.4%	1.1	23.5%
1.6. Polish Academy of Science and units established by it	1.6	0.0%	2.9	0.0%	1.7	0.0%	-1.1	-40.0%	0.1	6.2%
1.7. Other central government legal entities established under separate acts for public tasks execution, with the exeption of enterprises, banks and companies organized under commercial law	7.8	0.0%	5.3	0.0%	4.0	0.0%	-1.3	-24.3%	-3.7	-48.2%
2. Local government sector debt	74,400.9	7.1%	72,969.7	7.1%	71,908.5	7.0%	-1,061.2	-1.5%	-2,492.4	-3.3%
2.1. Local government units	69,416.1	6.6%	68,000.4	6.6%	66,854.6	6.5%	-1,145.8	-1.7%	-2,561.5	-3.7%
2.2. Independent public health units	4,270.6	0.4%	4,248.7	0.4%	4,393.0	0.4%	144.3	3.4%	122.4	2.9%
2.3. Local institutions of culture	51.6	0.0%	75.6	0.0%	51.6	0.0%	-24.0	-31.8%	0.0	0.0%
2.4. Other local government legal entities established under separate acts for public tasks execution, with the exeption of enterprises, banks and companies organized under commercial law	662.6	0.1%	644.9	0.1%	609.3	0.1%	-35.6	-5.5%	-53.3	-8.0%
3. Social Security Sector debt	46,405.1	4.4%	7,242.9	0.7%	7,246.4	0.7%	3.5	0.0%	-39,158.8	-84.4%
3.1. Social Insurance Institution	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-
3.2. Funds managed by Social Insurance Institution	46,405.1	4.4%	7,242.9	0.7%	7,246.4	0.7%	3.5	0.0%	-39,158.8	-84.4%
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)

ITEM		structure Q4 2016	Q1 2017	structure Q1 2017	Q2 2017	structure Q2 2017	change O2 2017 - O1 2017		change Q2 2017 - Q4 2016	
TILW	Q4 2016	Q4 2010	Q1 2017	Q1 2017	Q2 2017	Q2 2017	m PLN	- Q1 2017 %	m PLN	%
Public debt	965,199.0	100.0%	974,756.1	100.0%	977,216.4	100.0%	2,460.3	0.3%	12,017.5	1.2%
1. Central government sector debt	895,559.3	92.8%	906,381.6	93.0%	909,714.7	93.1%	3,333.1	0.4%	14,155.4	1.6%
1.1. State Treasury	893,893.3	92.6%	904,767.0	92.8%	908,003.2	92.9%	3,236.3	0.4%	14,110.0	1.6%
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	332.7	0.0%	294.3	0.0%	317.7	0.0%	23.4	8.0%	-15.0	-4.5%
1.4. Independent public health units	1,328.1	0.1%	1,313.4	0.1%	1,388.2	0.1%	74.9	5.7%	60.1	4.5%
1.5. State institutions of culture	0.5	0.0%	0.9	0.0%	1.7	0.0%	0.8	85.4%	1.2	232.6%
1.6. Polish Academy of Science and units established by it	1.1	0.0%	2.3	0.0%	1.3	0.0%	-1.0	-42.9%	0.2	22.8%
1.7. Other central government legal entities established under separate acts for public										
tasks execution, with the exeption of enterprises, banks and companies organized under commercial law	3.6	0.0%	3.8	0.0%	2.5	0.0%	-1.3	-33.1%	-1.1	-29.4%
	50.550.6	7.20/	60 205 0	7.00/	67 420 5	C 00/	076.3	4 20/	2 424 4	2.40/
2. Local government sector debt	69,560.6		68,305.8		67,429.5		-876.2	-1.3%	-2,131.1	-3.1%
2.1. Local government units	65,841.2	6.8%	64,599.2	6.6%	63,607.3	6.5%	-991.9	-1.5%	-2,234.0	-3.4%
2.2. Independent public health units	3,648.8	0.4%	3,614.9	0.4%	3,760.8	0.4%	145.9	4.0%	111.9	3.1%
2.3. Local institutions of culture	35.8	0.0%	60.2	0.0%	34.5	0.0%	-25.7	-42.7%	-1.4	-3.8%
2.4. Other local government legal entities established under separate acts for public										
tasks execution, with the exeption of enterprises, banks and companies organized	34.8	0.0%	31.6	0.0%	27.1	0.0%	-4.6	-14.4%	-7.7	-22.1%
under commercial law										
3. Social Security Sector debt	79.1	0.0%	68.7	0.0%	72.2	0.0%	3.5	5.1%	-6.9	-8.7%
3.1. Social Insurance Institution	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	-	0.0	-
3.2. Funds managed by Social Insurance Institution	79.1	0.0%	68.7	0.0%	72.2	0.0%	3.5	5.1%	-6.9	-8.7%
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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