

## **State Treasury Debt**

Republic of Poland Monthly newsletter

At the end of January 2019 State Treasury (ST) debt amounted to **PLN 954,636.6 million** and rose by PLN 389.3 m (+0.04%).

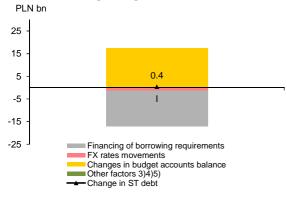
Table	1. Factors	affecting	change in	n the	State	Treasu	ıry (	debt (	PLN	billion)

	Jan 2019
Change in the State Treasury debt	0.4
1. State budget borrowing requirements*:	-15.8
1.1. State budget deficit	-6.6
1.2. European Union funds budget deficit	0.0
1.3. Deposits from PFSE and court deposits balance	-0.7
1.4. European funds management	-8.5
1.5. Granted loans balance	0.0
1.6. Other borrowing requirements <sup>1)</sup>	0.0
2. Changes not resulting from State budget borrowing requirements:	16.4
2.1. FX rates movements	-1.0
2.2. Changes in budget accounts balance	17.4
2.3. Other factors <sup>2)</sup>	0.0
3. Change in other State Treasury debt:	-0.3
3.1. Deposits from PFSE <sup>3)</sup>	-0.4
3.2. Other deposits <sup>4)</sup>	0.1
3.3. Other ST debt	0.0

<sup>1)</sup> Balance of pre-financing of tasks carried out with utilization of funds from EU budget, shares in international financial institutions and other domestic and foreign settlements <sup>2)</sup> TS discount, TS indexation, sell-buy-back transactions

<sup>3)</sup> Deposits received from public finance sector entities (PFSE) with legal personality <sup>4)</sup> Court deposits and collateral deposits connected with CSA agreements.

## Factors affecting change in ST debt in I 2019



## January 2019

Increase in debt in January 2019 was mainly a resultant of:

- increase in budget accounts balance (PLN +17.4bn) associated with collection of funds for financing borrowing requirements;
- State budget net borrowing requirements • negative (PLN -15.8bn), including State budget surplus PLN 6.6bn;
- FX rates movements (PLN -1.0bn) appreciation of zloty- by 0.5% against EUR, 0.9% against USD, 1.7% against CHF 0.9% and depreciation by 0.6% against JPY and by 1.3% against CNY.

In January 2019 domestic ST debt (according to the place of issue criterion) increased by PLN 8.6bn which resulted mainly from positive balance of issuance of marketable Treasury securities (TS; PLN +8.7bn):

Instrument	Sale (PLN bn)	Repurchase (PLN bn)
WZ0119	-	6.1
OK0521	1.8	-
PS0424	5.0	-
WS0428	2.8	-
WS0447	0.04	-
WZ0524	3.1	-
WZ0528	2.2	-

In January 2019 ST debt in foreign currency decreased by PLN 8.2bn which resulted from:

• negative balance of debt issuance (EUR -1.6bn):

Sale/drawing	Repurchase/				
Sale/drawing	repayment				
0.13bn EUR	EUR -0.05bn				
-	EUR -1.7bn				
	Sale/drawing 0.13bn EUR -				

\*) IFIs - international financial institutions

• FX rates movements (PLN -1.0bn).

According to preliminary data, ST debt at the end of February 2019 amounted to ca. PLN 963.6bn, i.e. increased by PLN 8.9bn (+0.9%) m/m and by PLN 9.3bn (+1.0%) compared to the end of 2018. According to the place of issue criterion debt amounted to:

- domestic debt: ca. PLN 689.7bn,
- foreign currency debt: ca. PLN 273.9bn (i.e. 28.4% of total ST debt).

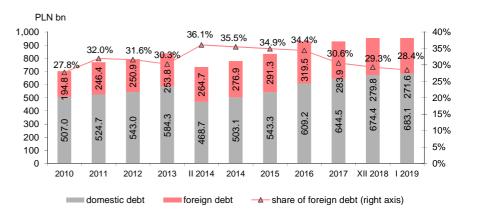
### Table 2. State Treasury debt by instrument (PLN million)

							chang	e	chan	ge
	D 2017	structure	D 2010	structure	1 2010	structure	Jan 2019 –		Dec 20	-
	Dec 2017	Dec 2017	Dec 2018	Dec 2018	Jan 2019	Jan 2018 %	Dec 20	18	Dec 2017	
		%		%		%	PLN m	%	PLN m	%
State Treasury debt	928,473.0	100.0	954,247.3	100.0	954,636.6	100.0	389.3	0.0	25,774.3	2.8
I. Domestic ST debt	644,533.1	69.4	674,400.0	70.7	683,070.0	71.6	8,670.0	1.3	29,867.0	4.6
1. Treasury securities (TS)	621,103.1	66.9	646,894.9	67.8	655,867.7	68.7	8,972.8	1.4	25,791.9	4.2
1.1. Marketable TS	605,711.1	65.2	627,157.3	65.7	635,774.7	66.6	8,617.4	1.4	21,446.2	3.5
- Treasury bills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-
- bonds issued in domestic market	605,711.1	65.2	627,157.3	65.7	635,774.7	66.6	8,617.4	1.4	21,446.2	3.5
1.2. Savings bonds	15,392.0	1.7	19,737.6	2.1	20,093.0	2.1	355.4	1.8	4,345.6	28.2
2. Other ST debt	23,430.0	2.5	27,505.1	2.9	27,202.3	2.8	-302.8	-1.1	4,075.1	17.4
II. Foreign ST debt	283,939.9	30.6	279,847.2	29.3	271,566.6	28.4	-8,280.7	-3.0	-4,092.7	-1.4
1. TS issued in foreign markets	213,102.2	23.0	211,128.1	22.1	202,839.7	21.2	-8,288.4	-3.9	-1,974.2	-0.9
2. Loans	70,822.6	7.6	68,719.1	7.2	68,726.9	7.2	7.8	0.0	-2,103.5	-3.0
3. Other ST debt	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.0	-99.9
Table 3. State Treasury debt by holder (PLN	million)									
		structure		atmiationa		structure	chang	e	chan	ge
	Dec 2017	Dec 2017	Dec 2018	structure Dec 2018	Jan 2019	Jan 2018	Jan 201	9 –	Dec 20	18 –
	Dec 2017	%	Dec 2018	%	Jall 2019	3aii 2018 %	Dec 2018		Dec 2	017
		/0		/0		70	PLN m	%		
State Treasury debt	928,473.0	100.0	954,247.3	100.0	954,636.6	100.0	389.3	0.0	25,774.3	2.8
I. State Treasury debt held by residents	456,110.5	49.1	502,934.8	52.7	521,656.5	54.6	18,721.7	3.7	46,824.2	10.3
							10 10 - 0			

State Treasury debt	928,473.0	100.0	954,247.3	100.0	954,636.6	100.0	389.3	0.0	25,774.3	2.8
I. State Treasury debt held by residents	456,110.5	49.1	502,934.8	52.7	521,656.5	54.6	18,721.7	3.7	46,824.2	10.3
Domestic banking sector	257,325.5	27.7	277,481.0	29.1	295,588.9	31.0	18,107.8	6.5	20,155.5	7.8
- domestic instruments	243,917.9	26.3	264,143.2	27.7	282,778.6	29.6	18,635.4	7.1	20,225.3	8.3
- foreign instruments	13,407.6	1.4	13,337.8	1.4	12,810.2	1.3	-527.6	-4.0	-69.8	-0.5
Domestic non-banking sector	198,785.0	21.4	225,453.8	23.6	226,067.6	23.7	613.8	0.3	26,668.8	13.4
- domestic instruments	197,234.4	21.2	218,789.4	22.9	218,731.7	22.9	-57.7	0.0	21,555.0	10.9
- foreign instruments	1,550.6	0.2	6,664.4	0.7	7,335.9	0.8	671.5	10.1	5,113.7	329.8
II. State Treasury debt held by non-	472,362.4	50.9	451,312.5	47.3	432,980.1	45.4	-18,332.4	-4.1	-21,049.9	-4.5
residents										
- domestic instruments	203,380.8	21.9	191,467.5	20.1	181,559.7	19.0	-9,907.8	-5.2	-11,913.3	-5.9
- foreign instruments	268,981.7	29.0	259,845.0	27.2	251,420.4	26.3	-8,424.6	-3.2	-9,136.6	-3.4

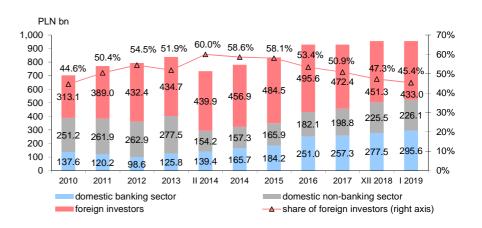
## ST debt according to the place of issue criterion

In January 2019 the share of foreign currency debt in total ST debt amounted to 28.4%, i.e. decreased by 0.9 pp m/m. The decrease in the share in January was a result of positive balance of domestic TS issues, negative balance of debt issuance on foreign markets, as well as appreciation of zloty.



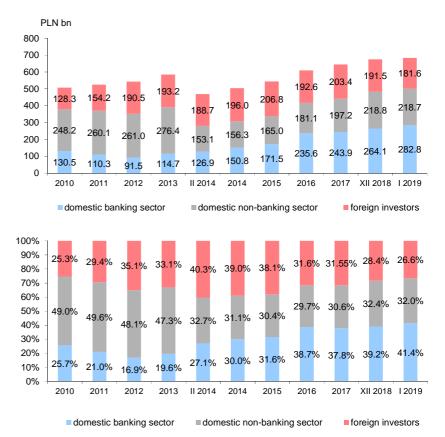
### ST debt by holder

In January 2019 the share of foreign investors in total ST debt amounted to 45.4%, i.e. decreased by 1.9 pp m/m. The decrease in the share in January was mainly a result of negative balance of debt issuance on foreign markets, appreciation of zloty and decrease in nonresidents holdings of domestic TS and simultaneous increase in portfolios of those instruments held by domestic investors.



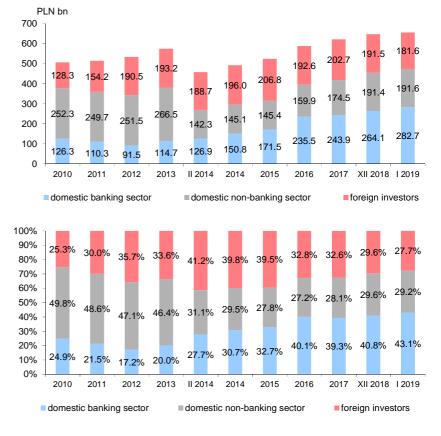
## Domestic ST debt by holder in nominal value and structure

In January 2019 increase in domestic debt held by residents took place (PLN +18.6bn, including banks: PLN +18.7bn, non-banking investors: PLN -0.1bn). In case of foreign investors decrease in holdings was recorded (PLN -9.9bn).



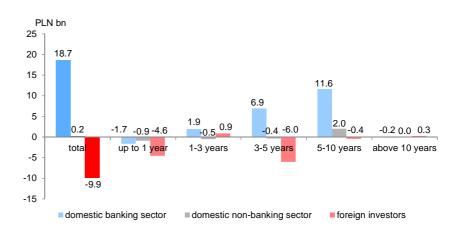
## Domestic TS debt by holder in nominal value and structure

In January 2019 residents increased their domestic TS holdings by PLN 18.8bn in total, including banks PLN +18.7bn and non-banking investors: PLN +0.2bn In case of foreign investors decrease in holdings was recorded (PLN -9.9bn).



### Changes in domestic TS debt according to residual maturity by type of investor in January 2019 m/m\*

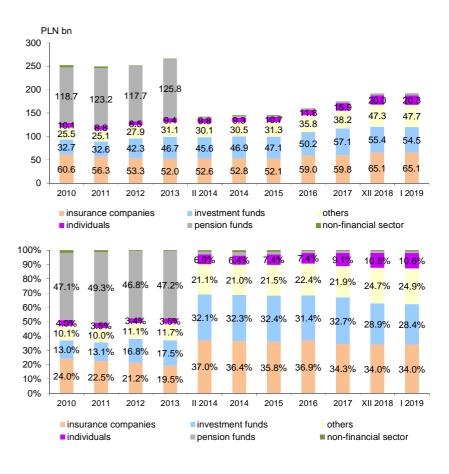
An increase in domestic TS holdings observed in January 2019 in case of domestic banks applied primarily to instruments with maturity between 3 and 10 years. Domestic non-banking investors increased their TS portfolios mostly in instruments with maturity between 5 and 10 years. A decrease in TS portfolios held by foreign investors applied primarily to instruments with maturity up to 1 year and between 3 and 5 years.



### Domestic TS debt towards domestic nonbanking sector by holder – in nominal value and structure

Among domestic non-banking entities the main holders of domestic TS are insurance companies (34.0% share in January 2019), investment funds (28.4%), and so called other entities (24.9%, this category includes, among others, Bank Guarantee Fund and Demographic Reserve Fund). Significant share of domestic TS is held by individuals (10.6%) as well.

In January 2019 domestic TS holdings of nonbanking sector increased by PLN 0.2bn m/m. The m/m increase in portfolio resulted mainly from the increase in holdings of so called other entities (PLN +0.4bn), non-financial sector (PLN +0.4bn), individuals (PLN +0.3bn) and decrease in holdings of investment funds (PLN -0.9bn).

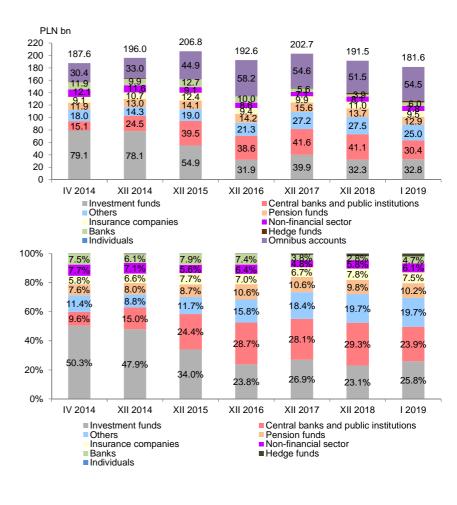


\*) Changes resulting only from cash flows, i.e. excluding statistical changes from the shift in classification of the security to next segment of residual maturity.

## Domestic TS debt towards non-residents by holder in nominal value and structure\*

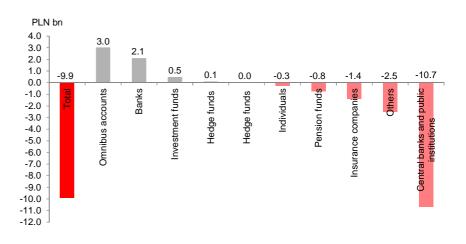
Structure of non-residents holding domestic TS in their portfolios is well-diversified, with dominant role of stable institutional investors: investment funds (25.8% share in January 2019), central banks and public institutions (23.9%), pension funds (10.2%) and insurance companies (7.5%). Significant part of domestic TS debt is registered on omnibus accounts (PLN 54.5bn), which enable investors to buy TS without having separate account in Poland.

\*) Percentage structure does not include omnibus accounts.



### Changes in domestic TS debt towards nonresidents by holder in January 2019 m/m

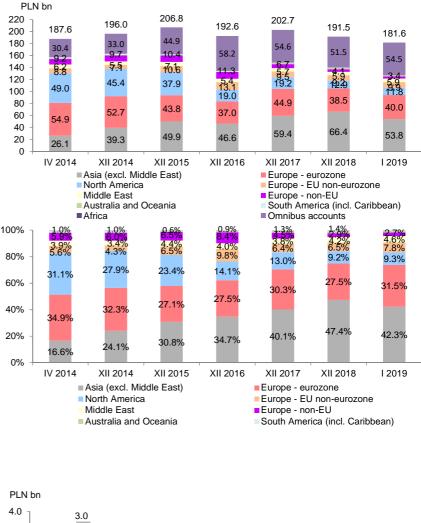
In January 2019 domestic TS debt held by foreign investors decreased by PLN 9.9bn. It resulted mainly from decrease in portfolios of central banks and public institutions (PLN -10.7bn, including Asian central banks and public institutions: PLN -9.7bn and public institutions from Norway: -0,7bn) and so called other entities (PLN -2.5bn including USA: PLN -1.0bn, Luxemburg: PLN -0.8bn and Singapore: PLN -0.5bn with an increase in the portfolio of investors from UK: PLN +0.7). Increase in TS portfolios was recorded among omnibus accounts (PLN +3.0 bn) and commercial banks (PLN +2.1bn, including from the France: PLN +1.9bn).



## Domestic TS debt towards non-residents by region in nominal value and structure\*

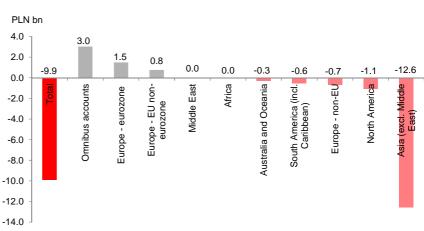
Geographical structure of domestic TS held by foreign investors is well-diversified. In January 2019 the largest TS portfolios were held by entities from Asia – 42.3%, representing debt in the amount of PLN 53.8bn, of which PLN 26.4bn was held by Asian central banks and PLN 21.6bn by investors from Japan. The second largest group of holders of TS were investors from eurozone countries - 31.5% (PLN 40.0bn, including from Luxembourg: PLN 14.5bn, Ireland: PLN 8.9bn, Netherlands: PLN 7.1bn and Germany: PLN 5.9bn). Non-residents from North America held significant TS portfolios as well (9.3%, representing debt in the amount of PLN 11.8bn, of which PLN 10.9bn were held by investors from the US). The share of investors from other regions amounted to 16.9%.

\*) Percentage structure does not include omnibus accounts.



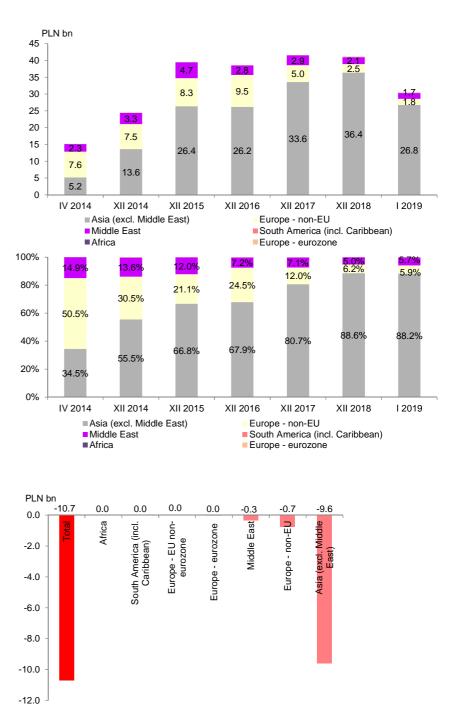
### Changes in domestic TS debt towards nonresidents by region in January 2019 m/m

In January 2019 decrease in domestic TS debt held by non-residents resulted mainly from decrease in portfolios among investors from Asia (PLN -12.6bn, including among central banks: PLN -9.7bn and entities from Japan: PLN -2.2bn), North America (PLN -1.1, mainly from USA: PLN -1.0bn). Increase in domestic TS debt held by non-residents was recorded mainly on omnibus accounts (PLN +3.0bn), among investors form eurozone countries (PLN +1.5 bn, including the France: PLN +1.9bn, with a decrease in the involvement of investors from Ireland: PLN - 0.4 bn).



### Domestic TS debt towards foreign central banks and public institutions by region in nominal value and structure

In the structure of domestic TS debt held by foreign central banks and public institutions, entities from Asia are predominant – in January 2019 their share amounted to 88.2%. Among central banks and public institutions considerable TS portfolios were held by entities from European non-EU countries (5.9%) and Middle East (5.7%).

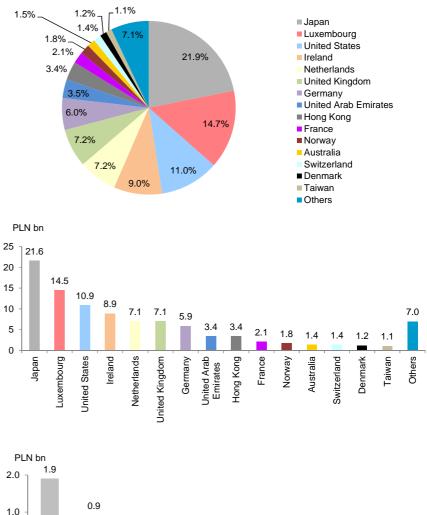


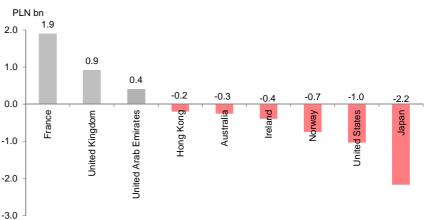
## Changes in domestic TS debt towards foreign central banks and public institutions by region in January 2019 m/m

In January 2019 domestic TS debt held by foreign central banks and public institutions decreased by PLN -10.7bn. It was mainly a resultant of decrease in holdings of entities from Asia (PLN -9.6bn) and decrease in portfolios of investors from European non-EU countries (PLN -0.7bn).

# Domestic TS debt towards non-residents by country\* in January 2019 – structure and nominal value

In January 2019 domestic TS were held by investors from 60 countries, which confirms high diversification of non-residents structure. The largest TS portfolios were held by entities from Japan (21.9%, including primarily insurance companies: 8.9% share in non-residents domestic TS holdings and pension funds: 8.9%), (14.7%, Luxembourg including mainly investment funds: 8.9% and other entities: 5.0%), the US (11.0%, including mainly investment funds: 4.4% and other entities:3.5%), Ireland (9.0%, including mainly investment funds: 8.2%), the Netherlands (7.2%, including other entities: 4.9% and pension funds: 1.4%), the UK (7.2%, including other entities: 3.2% and commercial banks: 2.9%) and Germany (6.0%, including hedging funds: 2.3% and investment funds: 1.8%).





## Changes in domestic TS debt towards nonresidents by country\* in January 2019 \*\* m/m

In January 2019 the most notable changes in nonresidents' domestic TS holdings were observed among investors from France (PLN +1.9bn) and Japan (PLN -2.2bn).

\*) Excluding omnibus accounts.

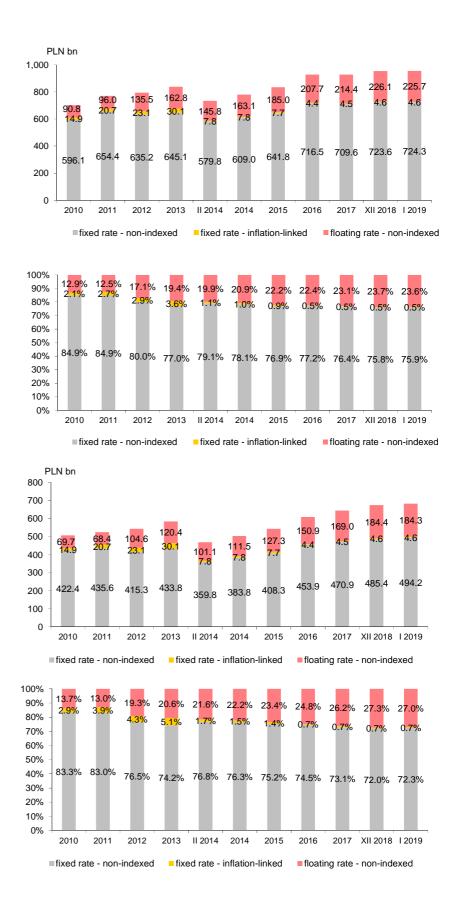
\*\*) Chart shows countries with change in debt amounted to at least PLN 0.2bn.

## ST debt by type of interest rate and indexation in nominal value and structure

The majority of ST debt comprised fixed rate instruments – their share in January 2019 amounted to 76.4%. The share of floating rate instruments stood at 23.6%, i.e. decreased by 0.1 m/m. The decrease in the share in January resulted mainly from the structure of domestic debt issuance balance, including redemption of WZ0119 bonds and fixed-rate bonds denominated in EUR.

# Domestic ST debt by type of interest rate and type of indexation in nominal value and structure

In January 2019 the share of floating rate instruments in domestic ST debt amounted to 27.0%, i.e. decreased by 0.3 pp m/m. The decrease in the share resulted from the prevalence of fixed rate instruments in the structure of domestic debt issuance balance.



# Foreign ST debt by type of interest rate and type of indexation in nominal value and structure

In January 2019 the share of floating rate instruments in foreign ST debt amounted to 15.2%, i.e. increased by 0.3 pp m/m. Decrease in the share in January was mainly a result of redemption fixed-rate bonds denominated in EUR.

#### 350 300 56.8 45.3 41 7 250 41.4 200 21.1 150 262.7 238.6 238.2 225.2 233.6 230.2 218.8 219.9 220.0 211.3 100 173.7 50 0 2017 XII 2018 | 2019 2011 2012 2013 II 2014 2014 2015 2016 2010 fixed rate - non-indexed floating rate - non-indexed 100% 10.8% 11.2% 12.3% 19.8% 17.8% 16.0% 14.9% 15.2% 16.7% 1<mark>6.9</mark>% 1<mark>8.7</mark>% 90% 80% 70% 60% 50% 89.2% 88.8% 87.7% 83.3% 83.1% 81.3% 80.2% 82.2% 84.0% 85.1% 84.8% 40% 30% 20% 10% 0% 2010 2011 2012 2013 II 2014 2014 2015 2016 2017 XII 2018 I 2019 fixed rate - non-indexed floating rate - non-indexed PLN bn 1,000 68. 800 60.0 202.8 211 1 213 193.8 39. 47 2 47.3 2000195 3 38.8 600 155 5 18.6 16.9 17.5 20 0 20.1 7.8 400 635.8 605.7 627.2 576.7 565. 507.2 526.1 513.4 499.3 482 9 448.8 200 0 2011 2012 2013 II 2014 2014 2015 2016 2017 XII 2018 | 2019 2010 domestic marketable instruments domestic non-marketable instr. foreign marketable instr foreign non-marketable instr. 100% 6.4 8 8% 8 5% 9.1% 8 4% 90% 2<mark>2.2</mark>% 21.2% 23.1% 22.1% 80% 25.3 25.2% 23.0% 26.0% 2<mark>6.7</mark>% 2<mark>5.8</mark>% 27.6% 70% 1.1% 5.0% 5.0% 2.1% 22 2.3% 4.2% 3.5% 2.6% 3.6% 60% 50% 40% 71.1% 66.3% 67.5% 66.6% 65.8% 65.2% 65.7% 61.2% 61.9% 61.5% 62.1% 30% 20% 10% 0% II 2014 2017 XII 2018 | 2019 2010 2011 2012 2013 2014 2015 2016 domestic marketable instruments domestic non-marketable instr.

foreign non-marketable instr.

## ST debt by type of instrument in nominal value and structure

Dominant share in ST debt comprised marketable TS (87.8% in January 2019), including mostly instruments issued on domestic TS market (66.6%). Supplementary sources of financing of the State budget borrowing requirements are nonmarketable instruments, i.e. domestic saving bonds, loans from international financial institutions, as well as deposits collected under liquidity management consolidation.

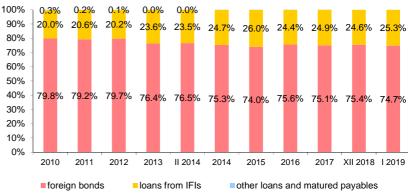
foreign marketable instr.

mld PLN

## Domestic ST debt by type of instrument in nominal value and structure

The vast majority of domestic ST debt constituted marketable bonds (93.1% in January 2019). Supplementary and stable sources of financing are saving bonds (2.9%), and deposits from PFSE and courts deposits\* as well, which total share amounted to 4.0%. Since August 2017 there has been no Treasury bills in outstanding debt.

#### 800 700 27. 20. 27.5 19.7 22.8 15.4 600 <mark>21.3</mark> 9.5 500 11.2 1<mark>0.8</mark> 400 635.8 627.2 300 605.7 576.7 565. 520.0 471.3 495 2 513.4 482.9 448.8 200 100 0 XII 2018 | 2019 2010 2013 II 2014 2014 2015 2016 2011 2012 2017 deposits\* Treasury bills marketable bonds savings bonds other 100% 3.5% 2.09 2.3% 2.2% 3.6% 3.5% 4.1% 4.0% 90% 80% 70% 60% 93.0% 50% 94.4% 95.8% 96.8% 95.8% 96.0% 94.5% 94.7% 94.0% 93.0% 93.1% 40% 30% 20% 10% 0% 2017 XII 2018 | 2019 2013 II 2014 2016 2010 2011 2012 2014 2015 Treasury bills marketable bonds savings bonds deposits\* other PLN bn 350 300 250 <mark>70 8</mark> 62 59 0 200 38 150 2<mark>41.</mark>5 2<mark>15.</mark>6 2<mark>13.</mark>1 208.4 211.1 100 200.0 2<mark>02.</mark>5 202.8 195 3 1<mark>93.</mark>8 155.5 50 0 2010 2011 2012 II 2014 XII 2018 | 2019 2013 2014 2015 2016 2017 foreign bonds loans from IFIs other loans and matured payables 0<mark>.3%</mark> 0<mark>.2%</mark> 0<mark>.1%</mark> 0<mark>.0%</mark> 0.0%



<sup>\*&#</sup>x27; JPY and CNY (from August 2016 ) \*\*) JPY

## Foreign ST debt by type of instrument in nominal value and structure

In ST debt denominated in foreign currencies dominant share accounted for international bonds (74.7% in January 2019). The share of loans from international financial institutions is significant as well (25.3%).

PLN bn

### ST debt by currency in nominal value and structure

In accordance with the debt management strategy, State budget borrowing requirements are mostly financed on domestic market. In January 2019 debt denominated in PLN comprised 71.6% of total ST debt, as compared to 70.7% in the previous month. The share of foreign currency denominated debt changed as follows:

- EUR decrease by 0.8 pp m/m,
- USD decrease by 0.05 pp m/m,
- CHF no change m/m, •
- JPY no change m/m,
- CNY no change m/m.

#### PLN bn 1.000 48.9 48.5 46.<sup>-</sup> 577 800 207.0 <mark>42.6</mark> <mark>49.</mark>6 214.8 217 44.3 2<mark>34.</mark>7 52.4 <u>44 4</u> 1<mark>80.</mark>0 46.2 216.0 26.9 174.0 600 164.8 196.0 1<mark>39.</mark>3 186 6 400 683 1 674 4 644.5 609.2 584.3 543.0 543.3 507.0 524.7 503.1 468 7 200 0 2010 2011 2012 2013 II 2014 2014 2015 2016 2017 XII 2018 | 2019 ■ PLN EUR USD other 100% 5.1% 5<mark>.1%</mark> 5.0% 5.9% 6.2% 3.8% 5.1% 6<mark>.7%</mark> 5.8% 5.6% 6.3% 90% 2<mark>1.7</mark>% 1<mark>9.8</mark>% 2<mark>2.5</mark>% 80% 2<mark>3.5</mark>% 21.4% 2<mark>1.5</mark>% 2<mark>1.9</mark>% 2<mark>5.9</mark>% 25.3% 2<mark>5.1</mark>% 25.4% 70% 60% 50% 40% 72.2% 71.6% 70.7% 68.0% 68.4% 69.7% 69.4% 65.1% 65.6% 63.9% 64.5% 30% 20% 10% 0% 2010 2011 2012 2013 II 2014 2014 2015 2016 2017 XII 2018 | 2019 USD PLN EUR other \*) JPY, CHF and CNY (since August 2016)

Before SWAP

1<mark>2.0</mark>%

10.3%

4 9%

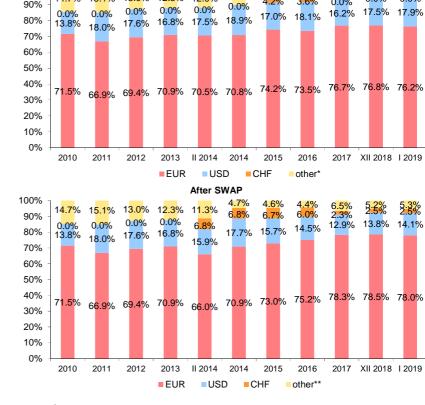
3.6%

4.2%

<del>ð:8%</del>

0.0%

ð:8%



<sup>\*)</sup> JPY and CNY (since August 2016) \*\*) JPY

## Structure of foreign ST debt by currency before and after swap transactions

In January 2019 the share of EUR-denominated debt in foreign ST debt, including derivative transactions, amounted to 78.0%, i.e. remained above the minimum level of 70% assumed in debt management strategy. The share of EUR decreased by 0.5 pp m/m which was mainly a result of the redemption of EUR bonds.

100%

90%

1<mark>4.7</mark>%

1<mark>5.1</mark>%

1<mark>3.0</mark>%

12.3%

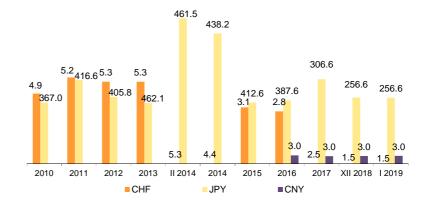
## Foreign ST debt in original currency (billion) \*)\*\*)

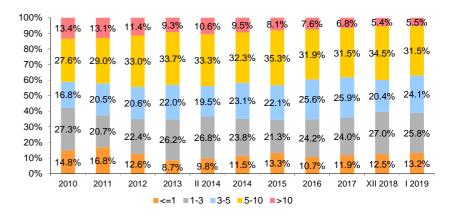
In January 2019 nominal value of debt denominated in EUR decreased by EUR 1.6bn to EUR 48.4bn. Debt denominated in other foreign currencies remained unchanged as compared to the previous month, i.e. amounted to USD 13.0bn, CHF 1.5bn, JPY 256.6bn and CNY 3.0bn.

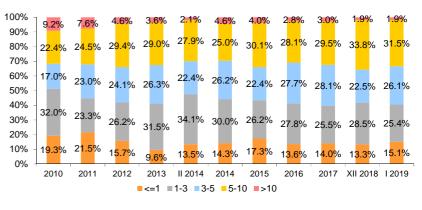
\*) Charts present debt excluding swap transactions.

\*\*) Charts present level of debt in original currencies, whereas proportions of columns on respective charts reflects the level of debt converted to PLN which allows to make it comparable.









## ST debt by residual maturity (in years)

In January 2019 debt with the longest residual maturity (i.e. above 5 years) comprised 37.0% of total ST debt, i.e. decreased by 2.9 pp m/m. Debt with residual maturity of up to 1 year constituted 13.2% of ST debt, i.e. increased by 0.7 pp m/m.

## Domestic ST debt by residual maturity (in years)

In January 2019 domestic debt with residual maturity above 5 years accounted for 33.4%, i.e. decreased by 2.3 pp m/m. The share of debt with residual maturity up to 1 year amounted to 15.1%, i.e. increased by 1.8 pp m/m.

### ATM of ST debt

In January 2019 average time to maturity (ATM) of ST debt amounted to 4.99 years (increase by 0.01 years m/m), remaining in line with debt management strategy, i.e. close to 5 years. ATM of domestic amounted to 4.49, i.e. (which was mainly implied by debt aging, significant share of instruments lengthening ATM in the structure of debt issuance and redemption of WZ0119 bond). According to debt management strategy, it is assumed to maintain ATM of domestic debt at the level close to 4.5 years. In January ATM of foreign debt amounted to 6.15, i.e. lengthened by 0.07 years compared to the previous month, mostly due to redemption of bonds denominated in EUR.

### ATR of ST debt

In January 2019 average time to refixing (ATR) of ST debt amounted to 3.74 years (increase by 0.05 years m/m). The level of ATR in January was a result of lenghtening of ATR of domestic debt (by 0.04 year to 3.31 years) as well as of foreign debt ATR (by 0.08 year to 4.73 years). The levels of ATR of both categories resulted from changes in ATM and development of the share of floating rate instruments. In January 2019 ATR of domestic ST debt remained in line with debt management strategy, i.e. in the range 2.8-3.8 years.

### **Duration of ST debt\***

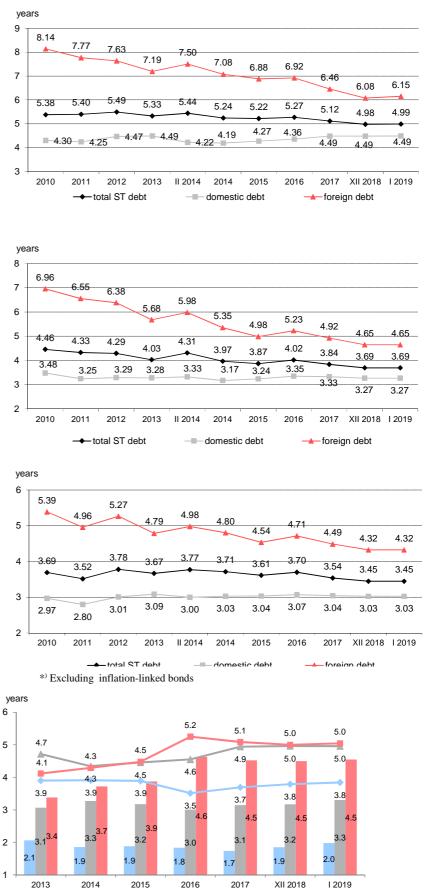
In January 2019 duration of ST debt amounted to 3.50 years (increase by 0.05 years m/m). Duration of domestic debt amounted to 3.07 years (up by 0.04 year m/m), while duration of foreign debt amounted to 4.45 years (up by 0.12 year m/m). Changes in duration resulted mainly from changes in ATR. The levels of ATR as well as duration, indicated that interest rate risk of ST debt remained stable.

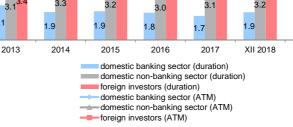
## ATM and duration\* of domestic ST debt by group of investors

At the end of January 2019 ATM and duration of the portfolio of domestic TS held by foreign investors amounted to 5.0 and 4.5 years, respectively. ATM and duration of domestic nonbanking sector portfolio stood at 5.0 and 3.3 years, respectively.

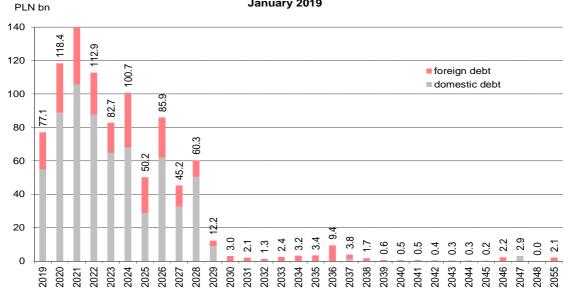
ATM, as well as duration of portfolio held by domestic banking sector was significantly lower and amounted to 3.8 and 2 years, respectively. Since the end of 2017 the levels of ATM and duration remain relatively stable.

\*) Excluding inflation-linked bonds



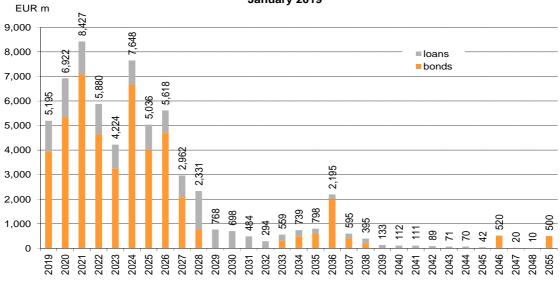


## Maturity profile of ST debt (Treasury securities and loans) as at the end of January 2019



Maturity profile of domestic Treasury securities debt as at the end of January 2019 05.563 PLN m 110,000 780 40 100,000 88 savings bonds 87 90,000 marketable bonds 939 80,000 67 895 67, 815 70,000 6 50,340 4 60,000 50,000 5 542 40,000 32. 28, 30,000 8,916 20,000 247 827 10,000 16 0 2025 2020 2021 2022 2023 2024 2026 2027 2028 2029 2030 2019 2031 2037 2047

\*) Data do not include a part of short-term domestic debt: (a) maturing in 2019 – deposits (PLN 27.147m) and (b) matured payables.



Maturity profile of foreign debt (Treasury securities and loans) as at the end of January 2019

\*) Data do not include a part of short-term foreign debt maturing in 2019 - matured payables (PLN 0.02m).

Table 4. State Treasury debt by instrument according to the place of issue criterion (PLN million)

able 4. State 1 reasury debt by instrument :		structure		structure		structure	chai		chang	
	Dec 2017	Dec 2017 %	Dec 2018	Dec 2018 %	Jan 2019	Jan 2018 %	Jan 20 Dec 2		Dec 20 Dec 20	
							PLN m	%	PLN m	%
State Treasury Debt	928,473.0	100.0	954,247.3	100.0	954,636.6	100.0	389.3	0.0	25,774.3	2.8
I. Domestic debt	644,533.1	69.4	674,400.0	70.7	683,070.0	71.6	8,670.0	1.3	29,867.0	4.6
1. Treasury securities issued in domestic	621,103.1	66.9	646,894.9	67.8	655,867.7	68.7	8,972.8	1.4	25,791.9	4.2
market	605,711.1	65.2	627,157.3	65.7	635,774.7	66.6	9 6 17 4	1.4	21,446.2	3.5
1.1. Marketable securities	440,523.2	47.4	449,920.0	47.1	459,062.2	48.1	<b>8,617.4</b> 9,142.2	2.0	9,396.8	<b>3.5</b> 2.1
fixed rate	0.0	0.0	0.0	47.1	439,002.2	48.1	9,142.2	2.0	9,390.8	2.1
Treasury bills	46,678.2	5.0	31,351.5	3.3	32,673.5	3.4	1,322.0	4.2	-15,326.7	-32.8
OK bonds	180,391.2	19.4	181,365.9	5.5 19.0	185,920.4	19.5	4,554.5	2.5	974.6	-32.8
PS bonds	177,359.7	19.4	174,723.6	19.0	174,907.5		184.0		-2,636.1	-1.5
DS bonds WS bonds	36,094.1	3.9	62,479.0	18.5 6.5	65,560.7	18.3 6.9	3,081.7	0.1 4.9	26,385.0	-1.5
	4,543.7	0.5	4,630.8	0.5	4,631.4	0.9	0.6	4.9 0.0	20,383.0	1.9
fixed rate - inflation-linked	4,543.7	0.5	4,630.8	0.5	4,631.4	0.5	0.6	0.0	87.1	1.9
IZ bonds floating rate	4,545.7	17.3	4,030.8	0.3 18.1	4,031.4	18.0	-525.4	-0.3	11,962.4	1.9 7.4
WZ bonds	158,644.1	17.5	172,000.3	18.1	172,081.1	18.0	-525.4	-0.3	11,962.4	7.4
PP bonds	2,000.0	0.2	2,000.0	0.2	2,000.0	0.2	0.0	0.0	0.0	0.0
1.2. Savings bonds	15,392.0	1.7	19,737.6	2.1	20,093.0	2.1	355.4	1.8	4,345.6	28.2
fixed rate	6,987.0	0.8	7,948.8	0.8	7,900.7	0.8	-48.1	-0.6	4,545.0 961.8	13.8
OTS bonds	647.2	0.8	1,164.4	0.8	1,071.1	0.8	-93.3	-8.0	517.2	79.9
KOS bonds	0.0	0.0	367.6	0.0	367.1	0.0	-0.5	-0.1	367.6	
DOS bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-
floating rate	6,339.8	0.0	6,416.7	0.7	6,462.5	0.7	45.8	0.7	77.0	1.2
TOZ bonds	8,405.0	0.9	11,788.8	1.2	12,192.3	1.3	403.5	3.4	3,383.8	40.3
COI bonds	568.9	0.1	564.6	0.1	566.5	0.1	1.9	0.3	-4.4	-0.8
ROS bonds	3,513.2	0.4	6,480.7	0.7	6,786.5	0.7	305.8	4.7	2,967.5	84.5
EDO bonds	10.1	0.0	23.4	0.0	24.8	0.0	1.4	5.9	13.3	132.0
ROD bonds	4,303.0	0.5	4,694.2	0.5	4,787.2	0.5	93.0	2.0	391.2	9.1
2. Other domestic debt	23,430.0	2.5	27,505.1	2.9	27,202.3	2.8	-302.8	-1.1	4,075.1	17.4
deposits of PFSE*	18,518.7	2.0	21,670.5	2.3	21,272.7	2.2	-397.8	-1.8	3,151.8	17.4
other deposits**	4,235.6	0.5	5,827.6	0.6	5,922.6	0.6	94.9	1.6	1,592.0	37.6
matured payables	672.2	0.1	3.5	0.0	3.5	0.0	0.0	0.0	-668.7	-99.5
other	3.5	0.0	3.5	0.0	3.5	0.0	0.0	0.0	0.0	1.1
II. Foreign debt	283,939.9	30.6	279,847.2	29.3	271,566.6	28.4	-8,280.7	-3.0	-4,092.7	-1.4
1. Treasury securities issued in	213,102.2	23.0	211,128.1	22.1	202,839.7	21.2	-8,288.4	-3.9	-1,974.2	-0.9
international markets			,		,				, · · ·	
1.1. Marketable securities	213,102.2	23.0	211,128.1	22.1	202,839.7	21.2	-8,288.4	-3.9	-1,974.2	-0.9
fixed rate	211,851.0	22.8	209,838.1	22.0	201,555.6	21.1	-8,282.5	-3.9	-2,012.9	-1.0
EUR	145,656.2	15.7	144,789.6	15.2	136,953.6	14.3	-7,836.0	-5.4	-866.6	-0.6
USD	46,087.2	5.0	48,923.1	5.1	48,498.9	5.1	-424.2	-0.9	2,835.9	6.2
CHF	9,025.0	1.0	5,724.9	0.6	5,628.2	0.6	-96.8	-1.7	-3,300.1	-36.6
JPY	9,477.9	1.0	8,756.2	0.9	8,808.8	0.9	52.6	0.6	-721.7	-7.6
CNY	1,604.7	0.2	1,644.3	0.2	1,666.2	0.2	21.9	1.3	39.6	2.5
floating rate	1,251.3	0.1	1,290.0	0.1	1,284.1	0.1	-5.9	-0.5	38.7	3.1
EUR	1,251.3	0.1	1,290.0	0.1	1,284.1	0.1	-5.9	-0.5	38.7	3.1
2. Loans	70,822.6	7.6	68,719.1	7.2	68,726.9	7.2	7.8	0.0	-2,103.5	-3.0
fixed rate	26,745.8	2.9	28,342.4	3.0	28,619.5	3.0	277.2	1.0	1,596.5	6.0
EUR	26,745.8	2.9	28,342.4	3.0	28,619.5	3.0	277.2	1.0	1,596.5	6.0
floating rate	44,076.8	4.7	40,376.8	4.2	40,107.4	4.2	-269.4	-0.7	-3,700.0	-8.4
EUR	44,076.8	4.7	40,376.8	4.2	40,107.4	4.2	-269.4	-0.7	-3,700.0	-8.4
3. Other foreign debt	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.0	-99.9

\*) Deposits received from PFSE with legal personality
 \*\*) Court deposits from PFSE with legal personality and entities from outside PFS.

### Table 5. State Treasury debt by holder (PLN million)

	Dec 2017	structure Dec 2017 %	Dec 2018	structure Dec 2018 %	Jan 2019	structure Jan 2018 %	chan Jan 20 Dec 2	19 – 018	chan Dec 20 Dec 2	18 – 017
	0.00 452.0		054 045 0		054 (2)( (		PLN m	%	PLN m	%
State Treasury debt	928,473.0 456,110.5	100.0 49.1	954,247.3 502,934.8	100.0 52.7	954,636.6 521,656.5	100.0 54.6	389.3 18,721.7	0.0	25,774.3 46,824.2	2.8 10.3
I. State Treasury debt towards residents Domestic banking sector	257,325.5	27.7	277,481.0	52.7 29.1	295,588.9	31.0	18,107.8	5.7 6.5	40,824.2 20,155.5	7.8
1. TS issued in domestic market	243,897.4	26.3	264,075.3	27.7	282,727.2	29.6	18,651.9	0.5 7.1	20,133.5	8.3
1.1.Marketable TS	243,897.4	26.3	264,075.3	27.7	282,727.2	29.6	18,651.9	7.1	20,177.9	8.3
Treasury bills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	
OK bonds	22,540.2	2.4	13,958.5	1.5	18,235.0	1.9	4,276.5	30.6	-8,581.7	-38.1
PS bonds	78,490.1	8.5	80,819.3	8.5	87,677.1	9.2	6,857.8	8.5	2,329.2	3.0
DS bonds	30,284.4	3.3	42,477.3	4.5	44,800.0	4.7	2,322.8	5.5	12,192.9	40.3
WS bonds	3,508.7	0.4	9,110.0	1.0	10,768.8	1.1	1,658.8	18.2	5,601.4	159.6
IZ bonds	668.1	0.1	442.1	0.0	420.0	0.0	-22.2	-5.0	-226.0	-33.8
WZ bonds	108,406.0	11.7	117,268.0	12.3	120,826.3	12.7	3,558.3	3.0	8,862.0	8.2
1.2. Savings bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	
2. Other ST debt	20.5	0.0	67.9	0.0	51.4	0.0	-16.5	-24.3	47.4	231.1
court deposits**	20.5	0.0	67.9	0.0	51.4	0.0	-16.5	-24.3	47.4	231.2
matured payables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9
3. TS issued in foreign markets Domestic non-banking sector	13,407.6 198,785.0	1.4 21.4	13,337.8 225,453.8	1.4 23.6	12,810.2 226,067.6	1.3 23.7	-527.6 613.8	-4.0 0.3	-69.8 26.668.8	-0.5 13.4
1. TS issued in domestic market	174,491.2	18.8	191,360.6	23.0	191,589.3	20.1	228.6	0.3 0.1	20,008.8	9.7
1.1.Marketable TS	159,136.8	17.1	171,669.6	18.0	171,539.4	18.0	-130.3	-0.1	12,532.8	7.9
Treasury bills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	
OK bonds	14,762.2	1.6	9,679.9	1.0	10,407.4	1.1	727.6	7.5	-5,082.3	-34.4
PS bonds	36,569.2	3.9	42,638.3	4.5	43,284.2	4.5	645.9	1.5	6,069.1	16.6
DS bonds	37,329.9	4.0	37,995.3	4.0	39,288.5	4.1	1,293.3	3.4	665.4	1.8
WS bonds	19,139.2	2.1	25,334.9	2.7	26,526.2	2.8	1,191.3	4.7	6,195.7	32.4
IZ bonds	2,425.8	0.3	3,092.4	0.3	3,165.4	0.3	73.0	2.4	666.6	27.5
WZ bonds	46,910.5	5.1	50,928.9	5.3	46,867.6	4.9	-4,061.3	-8.0	4,018.4	8.6
PP bonds	2,000.0	0.2	2,000.0	0.2	2,000.0	0.2	0.0	0.0	0.0	0.0
1.2. Savings bonds	15,354.4	1.7	19,691.0	2.1	20,049.9	2.1	358.9	1.8	4,336.6	28.2
OTS bonds	646.4	0.1	1,163.3	0.1	1,071.1	0.1	-92.2	-7.9	516.9	80.0
POS bonds	0.0	0.0	367.6	0.0	367.1	0.0	-0.5	-0.1	367.6	-
KOS bonds DOS bonds	0.0 6,330.8	0.0 0.7	0.0 6,407.0	0.0 0.7	0.0 6,452.5	0.0 0.7	0.0 45.5	- 0.7	0.0 76.2	1.2
TOZ bonds	568.0	0.7	564.1	0.7	566.0	0.7	43.3	0.7	-3.9	-0.7
COI bonds	3,506.3	0.1	6,467.8	0.7	6,772.1	0.7	304.4	4.7	2,961.5	84.5
ROS bonds	10.1	0.0	23.4	0.0	24.8	0.0	1.4	5.9	13.3	132.0
EDO bonds	4,283.0	0.5	4,671.9	0.5	4,769.0	0.5	97.1	2.1	388.9	9.1
ROD bonds	9.8	0.0	25.9	0.0	27.3	0.0	1.4	5.3	16.1	164.9
2. Other ST debt	22,743.2	2.4	27,428.8	2.9	27,142.4	2.8	-286.3	-1.0	4,685.6	20.6
deposits of PFSE*	18,518.7	2.0	21,670.5	2.3	21,272.7	2.2	-397.8	-1.8	3,151.8	17.0
other deposits**	4,202.4	0.5	5,751.3	0.6	5,862.7	0.6	111.4	1.9	1,548.8	36.9
matured payables	18.6	0.0	3.5	0.0	3.5	0.0	0.0	0.0	-15.1	-81.1
other	3.5	0.0	3.5	0.0	3.5	0.0	0.0	0.0	0.0	1.1
3. TS issued in foreign markets	1,550.6	0.2	6,664.4	0.7	7,335.9	0.8	671.5	10.1	5,113.7	329.8
II. State Treasury debt towards non-	472,362.4	50.9	451,312.5	47.3	432,980.1	45.4	-18,332.4	-4.1	-21,049.9	-4.5
residents	202 71 4 5	21.0	101 450 0	20.1	101 551 0	10.0	0.007.0	5.0	11 055 5	
1. TS issued in domestic market	202,714.5	21.8	<b>191,459.0</b>	20.1	181,551.2	<b>19.0</b>	<b>-9,907.8</b> -9,904.3	-5.2	-11,255.5	<b>-5.6</b> -5.6
1.1.Marketable TS Treasury bills	202,676.8	21.8	191,412.4 0.0	20.1 0.0	181,508.1 0.0	19.0 0.0	-9,904.3	-5.2	-11,264.5 0.0	-3.0
OK bonds	9,375.9	1.0	7,713.2	0.0	4,031.2	0.0	-3,682.0	-47.7	-1,662.7	-17.7
PS bonds	65,332.0	7.0	57,908.2	6.1	54,959.1	5.8	-2,949.2	-5.1	-7,423.7	-11.4
DS bonds	109,745.4	11.8	94,251.0	9.9	90,819.0	9.5	-3,432.0	-3.6	-15,494.4	-14.1
WS bonds	13,446.2	1.4	28,034.1	2.9	28,265.7	3.0	231.6	0.8	14,587.9	108.5
IZ bonds	1,449.8	0.2	1,096.3	0.1	1,046.1	0.1	-50.3	-4.6	-353.5	-24.4
WZ bonds	3,327.6	0.4	2,409.5	0.3	2,387.2	0.3	-22.4	-0.9	-918.1	-27.6
1.2. Savings bonds	37.6	0.0	46.6	0.0	43.1	0.0	-3.5	-7.6	9.0	23.9
OTS bonds	0.8	0.0	1.1	0.0	0.0	0.0	-1.1	-98.4	0.3	35.7
POS bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
KOS bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-
DOS bonds	8.9	0.0	9.7	0.0	10.0	0.0	0.3	2.7	0.8	8.4
TOZ bonds	0.9	0.0	0.5	0.0	0.5	0.0	0.0	0.0	-0.4	-45.1
COI bonds	6.9	0.0	12.9	0.0	14.3	0.0	1.4	10.8	6.0	86.9
ROS bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-
EDO bonds	20.0	0.0	22.3	0.0	18.2	0.0	-4.1	-18.3	2.3	11.6
ROD bonds 2 TS issued in foreign markets	0.0 <b>198,144.0</b>	0.0	0.0 <b>191,125.9</b>	0.0	0.0 <b>182,693.5</b>	0.0 <b>19.1</b>	0.0 - <b>8,432.4</b>	-4.4	0.0 - <b>7 018 1</b>	2
2. TS issued in foreign markets 3. Foreign loans	70,822.6	21.3 7.6	68,719.1	20.0 7.2	182,693.5 68,726.9	7.2	-8,432.4 7.8	-4.4 0.0	-7,018.1 -2,103.5	-3.5 -3.0
J. I VI VIGH IVAHS				4.1	38,954.5	4.1	229.3	<b>0.0</b> 0.6	-1,956.0	-4.8
European Investment Bank	4() 681 1	4/1	ירי/אר							
European Investment Bank The World Bank	40,681.1	4.4	38,725.1 29,044 2							-07
European Investment Bank The World Bank Council of Europe Development Bank	40,681.1 29,262.1 879.4	4.4 3.2 0.1	29,044.2 949.8	3.0 0.1	28,827.0 945.4	3.0 0.1	-217.2	-0.7 -0.5	-217.9 70.4	-0.7 8.0

\*) Deposits received from PFSE with legal personality
 \*\*) Court deposits from PFSE with legal personality and entities from outside PFS and collateral under CSA agreements.

## Table 6. Residual maturity of State Treasury debt (PLN million)

able 6. Residual maturity of State Treasu	iry debt (PLf	N million)					chan	70	chan	0.0
		structure		structure		structure	Jan 20		Dec 20	
	Dec 2017	Dec 2017	Dec 2018	Dec 2018	Jan 2019	Jan 2018	Dec 20		Dec 20	
		%		%		%	PLN m	%	PLN m	%
State Treasury debt	928,473.0	100.0	954,247.3	100.0	954,636.6	100.0	389.3	0.0	25,774.3	2.8
up to 1 year (inc.)	110,366.9	11.9	119,677.9	12.5	125,814.1	13.2	6,136.2	5.1	9,311.0	8.4
1 to 3 years (inc.)	222,943.8	24.0	258,006.9	27.0	246,491.2	25.8	-11,515.7	-4.5	35,063.1	15.7
3 to 5 years (inc.)	240,231.3	25.9	195,135.0	20.4	229,944.1	24.1	34,809.1	17.8	-45,096.3	-18.8
5 to 10 years (inc.)	292,156.0	31.5	329,435.2	34.5	300,310.1	31.5	-29,125.1	-8.8	37,279.2	12.8
over 10 years	62,775.0	6.8	51,992.3	5.4	52,077.1	5.5	84.8	0.2	-10,782.7	-17.2
I. Domestic debt	644,533.1	69.4	674,400.0	70.7	683,070.0	71.6	8,670.0	1.3	29,867.0	4.6
up to 1 year (inc.)	90,189.1	9.7	89,851.8	9.4	103,024.1	10.8	13,172.4	14.7	-337.3	-0.4
1 to 3 years (inc.)	164,296.6	17.7	191,971.9	20.1	173,623.2	18.2	-18,348.6	-9.6	27,675.2	16.8
3 to 5 years (inc.)	180,911.2	19.5	151,611.3	15.9	178,146.5	18.7	26,535.2	17.5	-29,299.8	-16.2
5 to 10 years (inc.)	189,919.0	20.5	228,222.8	23.9	215,426.7	22.6	-12,796.1	-5.6	38,303.8	20.2
over 10 years	19,217.1	2.1	12,742.2	1.3	12,849.4	1.3	107.2	0.8	-6,474.9	-33.7
1.1. Marketable TS issued in domestic	605,711.1	65.2	627,157.3	65.7	635,774.7	66.6	8,617.4	1.4	21,446.2	3.5
market						40.4		• •	0.004.0	
fixed rate	440,523.2	47.4	449,920.0	47.1	459,062.2	48.1	9,142.2	2.0	9,396.8	2.1
up to 1 year (inc.)	53,063.2	5.7	50,656.8	5.3	49,681.3	5.2	-975.5	-1.9	-2,406.3	-4.5
1 to 3 years (inc.)	116,270.8	12.5	137,700.3	14.4	139,722.3	14.6	2,022.0	1.5	21,429.5	18.4
3  to  5  years (inc.)	124,425.8	13.4	110,390.4	11.6	110,669.9	11.6	279.5	0.3	-14,035.4	-11.3
5 to 10 years (inc.)	133,208.5 13,555.0	14.3 1.5	138,454.6 12,717.9	14.5 1.3	146,164.6 12,824.1	15.3	7,710.0 106.3	5.6	5,246.2 -837.1	3.9 -6.2
over 10 years fixed rate – inflation-linked	<b>4,543.7</b>	1.5 <b>0.5</b>	<b>4,630.8</b>	1.3 0.5	12,824.1 <b>4,631.4</b>	1.3 <b>0.5</b>	106.3 <b>0.6</b>	0.8 <b>0.0</b>	-837.1 <b>87.1</b>	-6.2 <b>1.9</b>
3 to 5 years (inc.)	4,545.7	0.5	<b>4,030.8</b> 4,630.8	0.5	<b>4,031.4</b> 4,631.4	0.5	<b>0.6</b>	0.0	<b>87.1</b> 4,630.8	1.9
5 to 10 years (inc.)	4,543.7	0.0	4,030.8	0.3	4,031.4	0.3	0.0	- 0.0	-4,543.7	-100.0
floating rate	160,644.1	17.3	172,606.5	<b>18.1</b>	172,081.1	18.0	-525.4	-0.3	11,962.4	-100.0 7.4
up to 1 year (inc.)	8,644.0	0.9	6,128.2	0.6	20,582.1	2.2	14,453.9	235.9	-2,515.8	-29.1
1 to 3 years (inc.)	42,649.1	4.6	46,573.8	4.9	26,041.4	2.2	-20,532.5	-44.1	3,924.8	9.2
3 to 5 years (inc.)	52,998.2	5.7	32,370.1	3.4	58,553.5	6.1	26,183.4	80.9	-20,628.0	-38.9
5 to 10 years (inc.)	50,700.6	5.5	87,534.4	9.2	66,904.1	7.0	-20,630.3	-23.6	36,833.8	72.6
over 10 years	5,652.4	0.6	0.0	0.0	0.0	0.0	0.0	-	-5,652.4	-100.0
1.2. Savings bonds	15,392.0	1.7	19,737.6	2.1	20,093.0	2.1	355.4	1.8	4,345.6	28.2
fixed rate	6,987.0	0.8	7,948.8	0.8	7,900.7	0.8	-48.1	-0.6	961.8	13.8
up to 1 year (inc.)	4,057.3	0.4	4,417.9	0.5	4,355.6	0.5	-62.3	-1.4	360.6	8.9
1 to 3 years (inc.)	2,929.7	0.3	3,530.9	0.4	3,545.1	0.4	14.2	0.4	601.2	20.5
floating rate	8,405.0	0.9	11,788.8	1.2	12,192.3	1.3	403.5	3.4	3,383.8	40.3
up to 1 year (inc.)	994.7	0.1	1,143.8	0.1	1,202.7	0.1	59.0	5.2	149.1	15.0
1 to 3 years (inc.)	2,447.1	0.3	4,166.8	0.4	4,314.5	0.5	147.7	3.5	1,719.7	70.3
3 to 5 years (inc.)	3,487.2	0.4	4,220.0	0.4	4,291.7	0.4	71.7	1.7	732.8	21.0
5 to 10 years (inc.)	1,466.3	0.2	2,233.9	0.2	2,358.0	0.2	124.2	5.6	767.6	52.4
over 10 years	9.8	0.0	24.4	0.0	25.3	0.0	0.9	3.7	14.6	149.4
2. Other ST debt	23,430.0	2.5	27,505.1	2.9	27,202.3	2.8	-302.8	-1.1	4,075.1	17.4
up to 1 year (inc.)	23,430.0	2.5	27,505.1	2.9	27,202.3	2.8	-302.8	-1.1	4,075.1	17.4
II. Foreign debt	283,939.9	30.6	279,847.2	29.3	271,566.6	28.4	-8,280.7	-3.0	-4,092.7	-1.4
up to 1 year (inc.)	20,177.7	2.2	29,826.1	3.1	22,790.0	2.4	-7,036.2	-23.6	9,648.4	47.8
1 to 3 years (inc.)	58,647.2	6.3	66,035.0	6.9	72,868.0	7.6	6,833.0	10.3	7,387.8	12.6
3 to 5 years (inc.)	59,320.1	6.4	43,523.7	4.6	51,797.6	5.4	8,273.9	19.0	-15,796.5	-26.6
5 to 10 years (inc.)	102,237.0	11.0	101,212.3	10.6	84,883.4	8.9	-16,329.0	-16.1	-1,024.7	-1.0
over 10 years	43,557.9	4.7	39,250.1	4.1	39,227.7	4.1	-22.4	-0.1	-4,307.8	-9.9
1. TS issued in foreign markets	213,102.2	23.0	211,128.1	22.1	202,839.7	21.2	-8,288.4	-3.9	-1,974.2	-0.9
fixed rate	211,851.0	22.8	<b>209,838.1</b> 22,943.7	22.0	<b>201,555.6</b> 15,618.2	21.1	-8,282.5	-3.9 21.0	-2,012.9	<b>-1.0</b> 57.1
up to 1 year (inc.) 1 to 3 years (inc.)	14,604.4 44,765.0	1.6 4.8	22,943.7 53,400.1	2.4 5.6	15,618.2 59,542.2	1.6 6.2	-7,325.5 6,142.1	-31.9	8,339.3 8,635.1	57.1
3 to 5 years (inc.)	44,765.0	4.8 5.2	33,964.6	5.0 3.6	43,326.1	6.2 4.5	6,142.1 9,361.5	11.5 27.6	8,035.1 -13,994.6	-29.2
5 to 10 years (inc.)	47,959.2 80,897.3	5.2 8.7	33,964.6 78,159.0	3.0 8.2	43,326.1 61,762.7	4.5 6.5	-16,396.3	-21.0	-13,994.6	-29.2
over 10 years	23,625.0	8.7 2.5	21,370.6	2.2	21,306.4	2.2	-10,390.3	-21.0	-2,758.5	-3.4
floating rate	1,251.3	<b>0.1</b>	<b>1,290.0</b>	0.1	1,300.4 1,284.1	0.1	-04.2 -5.9	-0.3 -0.5	-2,234.4 <b>38.7</b>	-9.5 <b>3.1</b>
up to 1 year (inc.)	0.0	0.0	1,290.0	0.1	1,284.1	0.1	-5.9	-0.5	1,290.0	5.1
1 to 3 years (inc.)	1,251.3	0.0	0.0	0.0	0.0	0.1	0.0	-0.5	-1,251.3	-100.0
2. Foreign loans	70,822.6	<b>7.6</b>	<b>68,719.1</b>	7.2	68,726.9	7.2	<b>7.8</b>	0.0	-2,103.5	-3.0
fixed rate	26,745.8	2.9	28,342.4	3.0	28,619.5	3.0	277.2	1.0	1,596.5	-5.0 6.0
up to 1 year (inc.)	4,134.4	0.4	4,215.4	0.4	4,196.0	0.4	-19.4	-0.5	81.1	2.0
1 to 3 years (inc.)	8,667.8	0.9	6,378.5	0.7	6,349.2	0.7	-29.4	-0.5	-2,289.3	-26.4
3 to 5 years (inc.)	3,384.2	0.4	3,623.9	0.4	3,633.7	0.4	9.8	0.3	239.7	7.1
5 to 10 years (inc.)	7,540.2	0.8	10,128.0	1.1	10,254.9	1.1	126.9	1.3	2,587.7	34.3
over 10 years	3,019.3	0.3	3,996.5	0.4	4,185.8	0.4	189.2	4.7	977.3	32.4
floating rate	44,076.8	4.7	40,376.8	4.2	40,107.4	4.2	-269.4	-0.7	-3,700.0	-8.4
up to 1 year (inc.)	1,423.9	0.2	1,376.9	0.1	1,691.6	0.2	314.7	22.9	-47.0	-3.3
1 to 3 years (inc.)	3,963.1	0.4	6,256.3	0.7	6,976.6	0.7	720.2	11.5	2,293.3	57.9
3 to 5 years (inc.)	7,976.7	0.9	5,935.2	0.6	4,837.8	0.5	-1,097.4	-18.5	-2,041.5	-25.6
5 to 10 years (inc.)	13,799.4	1.5	12,925.3	1.4	12,865.8	1.3	-59.5	-0.5	-874.1	-6.3
over 10 years	16,913.6	1.8	13,883.0	1.5	13,735.6	1.4	-147.4	-1.1	-3,030.6	-17.9
3. Other ST debt	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.0	-99.9
up to 1 year (inc.)	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-15.0	-99.9

### Table 7. State Treasury debt by instrument according to the place of issue criterion in EUR million

	change			ge	change		
	Dec 2017	Dec 2018	Jan 2019	Jan 2019 – I	Dec 2018	Dec 2018 – D	ec 2017
				EUR m	%	EUR m	%
State Treasury debt	222,607.3	221,918.0	223,035.5	1,117.5	0.5	-689.4	-0.3
I. Domestic debt	154,530.9	156,837.2	159,588.3	2,751.1	1.8	2,306.3	1.5
1. Treasury securities issued in domestic market	148,913.4	150,440.7	153,233.0	2,792.3	1.9	1,527.2	1.0
1.1. Marketable TS	145,223.1	145,850.5	148,538.6	2,688.0	1.8	627.4	0.4
- Treasury bills	0.0	0.0	0.0	0.0	-	0.0	-
- bonds issued in domestic market	145,223.1	145,850.5	148,538.6	2,688.0	1.8	627.4	0.4
1.2. Savings bonds	3,690.3	4,590.1	4,694.4	104.3	2.3	899.8	24.4
2. Other ST debt	5,617.5	6,396.5	6,355.4	-41.2	-0.6	779.0	13.9
II. Foreign debt	68,076.4	65,080.8	63,447.2	-1,633.6	-2.5	-2,995.7	-4.4
1. Treasury securities issued in foreign markets	51,092.6	49,099.6	47,390.2	-1,709.3	-3.5	-1,993.1	-3.9
2. Loans	16,980.2	15,981.2	16,056.9	75.7	0.5	-999.0	-5.9
2.1. World Bank	7,015.8	6,754.5	6,735.0	-19.5	-0.3	-261.3	-3.7
2.2. European Investment Bank	9,753.6	9,005.8	9,101.1	95.2	1.1	-747.7	-7.7
2.3. Council of Europe Development Bank	210.8	220.9	220.9	0.0	0.0	10.0	4.8
3. Other ST debt	3.6	0.0	0.0	0.0	0.5	-3.6	-99.9
FX rate (EUR/PLN)	4.1709	4.3000	4.2802	0.0	-0.5	0.1	3.1

Table 8. State Treasury debt by instrument according to the place of issue criterion in USD million

				change		chang	e
	Dec 2017	Dec 2018	Jan 2019	Jan 2019 – I	Dec 2018	Dec 2018 – D	ec 2017
				EUR m	%	EUR m	%
State Treasury debt	266,703.0	253,809.4	256,133.9	2,324.5	0.9	-12,893.5	-4.8
I. Domestic debt	185,141.5	179,376.0	183,271.2	3,895.2	2.2	-5,765.5	-3.1
1. Treasury securities issued in domestic market	178,411.2	172,060.2	175,972.7	3,912.4	2.3	-6,351.0	-3.6
1.1. Marketable TS	173,989.9	166,810.5	170,581.6	3,771.1	2.3	-7,179.4	-4.1
- Treasury bills	0.0	0.0	0.0	0.0	-	0.0	-
- bonds issued in domestic market	173,989.9	166,810.5	170,581.6	3,771.1	2.3	-7,179.4	-4.1
1.2. Savings bonds	4,421.3	5,249.8	5,391.1	141.3	2.7	828.4	18.7
2. Other ST debt	6,730.2	7,315.8	7,298.5	-17.3	-0.2	585.5	8.7
II. Foreign debt	81,561.5	74,433.4	72,862.7	-1,570.7	-2.1	-7,128.1	-8.7
1. Treasury securities issued in foreign markets	61,213.4	56,155.6	54,422.9	-1,732.7	-3.1	-5,057.8	-8.3
2. Loans	20,343.7	18,277.8	18,439.8	162.0	0.9	-2,065.9	-10.2
2.1. World Bank	8,405.5	7,725.1	7,734.4	9.3	0.1	-680.4	-8.1
2.2. European Investment Bank	11,685.6	10,300.1	10,451.7	151.6	1.5	-1,385.5	-11.9
2.3. Council of Europe Development Bank	252.6	252.6	253.7	1.0	0.4	0.0	0.0
3. Other ST debt	4.3	0.0	0.0	0.0	0.9	-4.3	-99.9
FX rate (USD/PLN)	3.4813	3.7597	3.7271	0.0	-0.9	0.3	8.0

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