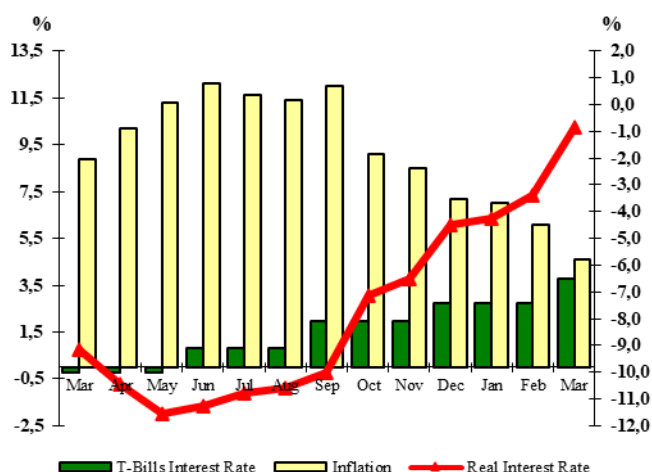


# HELLENIC REPUBLIC PUBLIC DEBT BULLETIN

**Inflation and Interest Rates of T-Bills  
for the period (Mar. 2021 – Mar. 2023)**



# 109

## March 2023

**Note:**

The monthly real interest rate is defined as the difference between the 12-month T-Bill interest rate (prevailing at the end of the month) and the inflation rate.

The real interest rate is depicted on the right vertical axis, while the inflation rate and the T-bill interest rate on the left vertical axis.

### A. Budgetary Central Government Debt<sup>1</sup>

Composition of Budgetary Central Government Debt (amounts in million euro)*		
	31/12/2022	31/03/2023
<b>Outstanding Budgetary Central Government Debt</b>	<b>400,275.64</b>	<b>401,528.24</b>
<b>A. Fixed rate<sup>2</sup></b>	100.0%	100.0%
<b>Floating rate<sup>2,3</sup></b>	0.0%	0.0%
<b>B. Tradable</b>	24.2%	23.8%
<b>Non-Tradable</b>	75.8%	76.2%
<b>C. Euro</b>	100.0%	100.0%
<b>Non-euro zone currencies</b>	0.0%	0.0%

<b>Cash Deposits of the H.R<sup>4</sup>. (million euro)</b>	<b>18,796.7</b>	<b>19,098.8</b>
<b>Segregated Account (million euro)</b>	<b>13.2</b>	<b>335.1</b>
<b>SDR Holdings Account (million euro)</b>	<b>1,009.9 (SDR 806.0)</b>	<b>983.9 (SDR 793.3)</b>

1. Budgetary Central Government Debt differs from General Government Debt (Maastricht definition) by the amount of intra-sectoral debt holdings and other ESA adjustments.

2. Fixed/floating ratio is calculated taking into account: i) interest rate swap transactions, ii) the use of funding instruments by ESM regarding the loans that have been granted to the Hellenic Republic and iii) the incorporation of the risk metrics of EFSF's liability portfolio into the Greek debt portfolio.

3. Index-linked bonds are classified as floating rate bonds.

4. Included balance of dedicated cash buffer account, 15,697.3 million euro on 31/12/2022 & 31/03/2023.

\* Estimates

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**Reuters: GR/PDMA01 - Bloomberg: PDMA**

## B. Budgetary Central Government Debt by major categories\*\*

(amounts in million euro)\*

	31/12/2022	31/03/2023
<b>Bonds and short-term notes</b>	<b>96,733.37</b>	<b>95,739.88</b>
Bonds issued domestically	8,040.02	82,055.25
Bonds issued abroad	1,893.35	1,884.63
Short-term notes	11,800.00	11,800.00
<b>Loans</b>	<b>303,542.27</b>	<b>305,788.36</b>
Bank of Greece	495.97	497.61
Other domestic loans	169.51	164.41
Special purpose and bilateral loans	7,602.20	7,598.44
Financial Support Mechanism loans <sup>1</sup>	235,569.46	234,157.09
Other external loans	9,780.63	11,625.66
Repos	49,924.50	51,745.15
<b>Total</b>	<b>400,275.64</b>	<b>401,528.24</b>

\*Since 31/12/2010 Public Debt has been categorized between bonds and loans, long-term and short-term, according to European System Accounts (ESA). \*\* Estimates

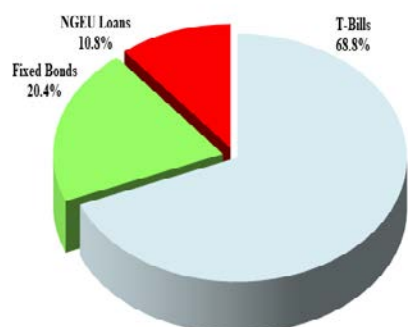
## Outstanding volume of Greek State Guarantees (millions of euro)

	31/12/2022*	31/03/2023*
<b>Outstanding guaranteed debt<sup>1,2</sup></b>	<b>27,752.20</b>	<b>27,458.40</b>
<b>Hellenic Development Bank Guarantees<sup>1,2</sup></b>	<b>1,879.00</b>	<b>1,881.00</b>

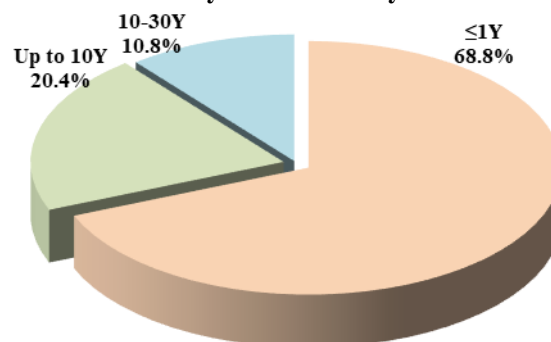
1. See Appendix for further analysis. 2. See Appendix notes. \* Estimates

## C. New Borrowing\* (Jan. – Mar. 2023)

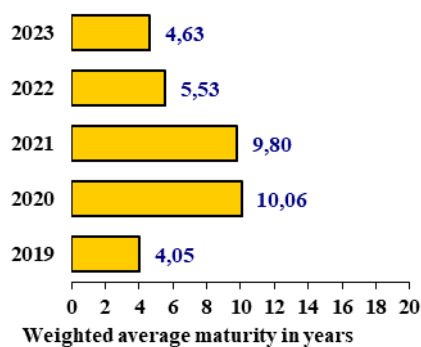
1. Composition of borrowing for the period Jan. – Mar. 2023



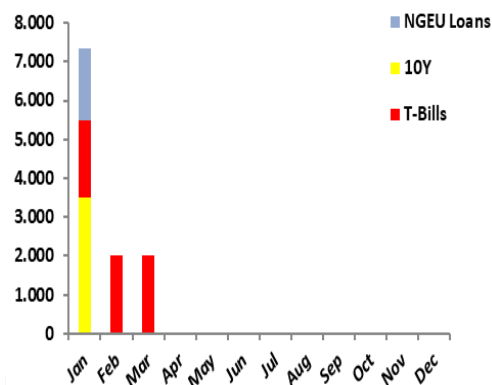
2. Composition of new borrowing by initial maturity



3. Weighted average maturity of new borrowing



4. Borrowing activity in 2023, by month (amounts in million euro)



\* Diagrams 1, 2 and 3, appear T-bill refinancing amounts.

## D. Primary and Secondary Market of Greek Government Securities

### 1. Issuance Calendar of Greek Government securities

#### Auction Calendar for April & May 2023

<b>05/04/2023</b>	13-weeks T-Bill (ACT/360)
<b>19/04/2023</b>	GGB Re-opening
<b>26/04/2023</b>	26-weeks T-Bill (ACT/360)
<b>03/05/2023</b>	13-weeks T-Bill (ACT/360)
<b>17/05/2023</b>	GGB Re-opening

### 2. Auction Results (Jan. – Mar. '23)

Auction	ISIN	Maturity	Auction Amount (€mln)	Offered Amount (€mln)	Amount Issued (€mln)	Price	Yield
<b>T-Bills</b>							
04/01/23	GR0000221276	11/04/23	625	1,476	1,000	99.445%	2.18%
25/01/23	GR0002242114	28/07/23	625	1,540	1,000	98.800%	2.40%
01/02/23	GR0000222282	05/05/23	625	1,429	1,000	99.380%	2.47%
22/02/23	GR0002243120	25/08/23	625	1,381	1,000	98.472%	3.07%
08/03/23	GR0004131570	08/03/24	625	1,195	1,000	96.346%	3.75%
29/03/23	GR0002244136	29/09/23	625	1,187	1,000	98.433%	3.15%

#### **Bonds**

### 3. Syndicated, Special Purpose Bonds & Other Issues – Loans (Jan. – Mar. '23)

Record date	ISIN	Tenor	Maturity	Issued Amount (in € mln)	Coupon	Yield
24/01/2023	GR0124039737	10Y	15/06/2033	3,500.0	4.25%, fixed	4.287%

Disbursement date	Organization	Tenor	Maturity	Amount in (€ mln)	Interest Rate
19/01/2023	European Union	20Y	21/02/2053	1,845.5	Annual variable based on EU funding cost.

*Weighted average funding cost (Bonds, T-bills, NGEU) on 31/03/2023: 2.96%*

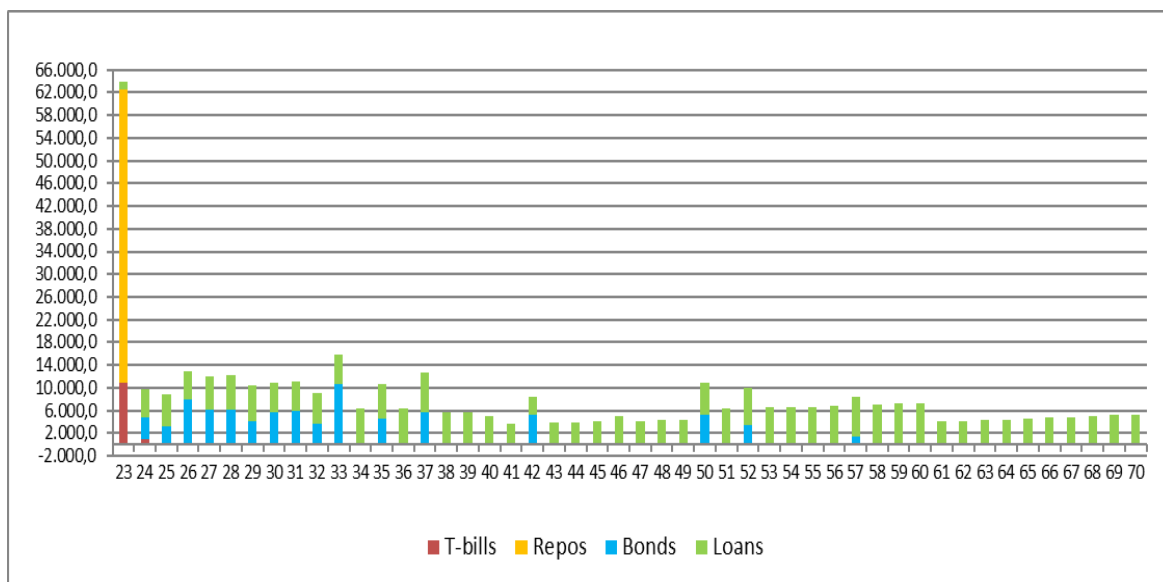
### 4. Budgetary Central Government Debt by residual maturity (amounts in million euro)

	31/12/2022	%	31/03/2023	%
<b>Total volume</b>	<b>400,275.64</b>	100.0%	<b>401,528.24</b>	100.0%
short-term (up to 1 year)	68,876.94	17.2%	68,241.03	17.0%
medium-term (1to 5 years)	42,656.63	10.7%	47,402.77	11.8%
long-term (more than 5 years)	288,742.07	72.1%	285,884.44	71.2%

*Weighted average residual maturity of Budgetary Central Government Debt on 31/03/2023\*: 17.46 years*

\*Including extension of EFSF loans agreed on Eurogroup of 22-6-2018.

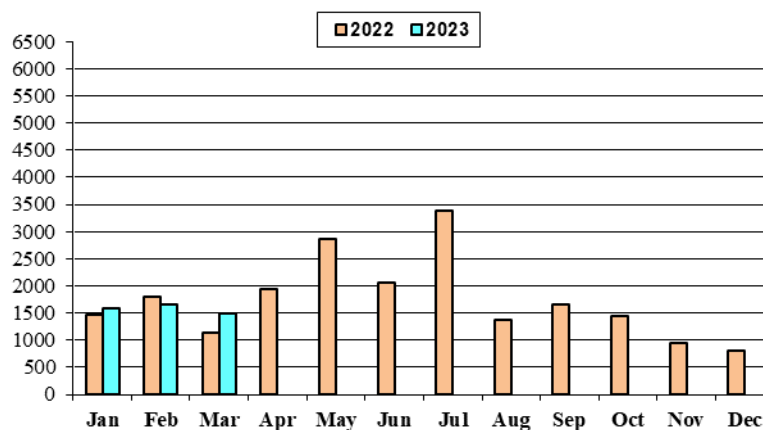
**5. Redemption schedule of Budgetary Central Government Debt on 31/03/2023  
(amounts in million euro)**



**Notes:**

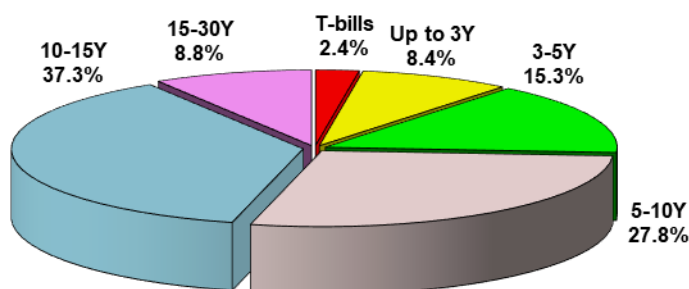
1. Buy-backs are scheduled for the smoothening of redemptions.
2. Including extension of EFSF loans agreed on Eurogroup of 22-6-2018.

**6. Monthly volume of transactions on Greek Government Bonds  
in the Electronic Secondary Market (HDAT) (Jan. '22 – Mar. '23)  
(amounts in million euro)**



Source: Bank of Greece, HDAT

**7. Volume of transactions in HDAT – 1st Quarter 2023  
(by residual maturity of Government Bonds)**



Note: Public Debt data for each quarter will be announced no later than 50 days after the end of the reference quarter.  
Source: Bank of Greece, HDAT

**Table 2.4: State: Guarantees**  
**Entities classified in general government**

	Stock of debt guaranteed by government		Amounts of new guarantees provided	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
<b>State Owned Enterprises</b>						
EAS	60,80	60,80	0,00	0,00		0,00
EAB	0,00	0,00	0,00	0,00		0,00
OSE	0,00	0,00	0,00	0,00		0,00
ATTIKO METRO	2.038,50	2.029,80	0,00	0,00		2,30
<b>Subtotal SOEs</b>	<b>2.099,30</b>	<b>2.090,60</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>2,30</b>
<b>Extra Budgetary Funds</b>						
NATIONAL LIBRARY	4,00	4,00	0,00	0,00		0,00
OSK-KTYP	262,10	259,00	0,00	0,00		1,80
CDLF (TP&D)	146,20	146,20	0,00	0,00		0,00
ETAD	30,80	30,30	0,00	0,00		0,10
MBH	0,00	0,00	0,00	0,00		0,00
<b>Subtotal EBFs</b>	<b>443,10</b>	<b>439,50</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>1,90</b>
<b>Local Government</b>						
MUNICIPALITY OF ATHENS	75,00	80,00	5,00	0,00		0,00
MUNICIPALITY OF THESSALONIKI	10,00	10,00	0,00	0,00		0,10
MUNICIPALITY OF HERAKLION	18,20	17,90	0,00	0,00		0,00
MUNICIPALITY OF KOZANI	7,30	7,30	0,00	0,00		0,00
<b>Subtotal LG</b>	<b>110,50</b>	<b>115,20</b>	<b>5,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,10</b>
<b>TOTAL classified</b>	<b>2.652,90</b>	<b>2.645,30</b>	<b>5,00</b>	<b>0,00</b>	<b>0,00</b>	<b>4,30</b>
<b>Entities not classified in general government</b>						
	Stock of debt guaranteed by government		Amounts of new guarantees provided	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
<b>Public Corporations</b>						
ATTIKH ODOS	0,00	0,00	0,00	0,00		0,00
EL BENIZELOS	0,00	0,00	0,00	0,00		0,00
DEH*	164,90	164,90	0,00	0,00		0,60
ADMIE	429,00	426,70	0,00	0,00		1,00
DEDDHE*	1.229,30	1.176,10	0,00	0,00		3,50
DESFA	126,00	125,40	0,00	0,00		0,10
DEHAN	85,00	85,00	0,00	0,00		0,60
DEDA	12,00	12,00	0,00	0,00		0,06
OAEP	0,00	0,00	0,00	0,00		0,00
<b>Subtotal Public Corp.</b>	<b>2.046,20</b>	<b>1.990,10</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>5,86</b>
<b>Standardized Guarantees</b>						
PRIVATE ENTERPRISES	1.428,50	1.426,30	0,00	2,20		0,30
PRIVATE ENTERPRISES - ENERGEAN OIL & GAS	45,00	45,00	0,00	0,00		0,00
NATURAL DISASTERS	1.455,30	1.419,20	0,00	46,20		0,00
<b>Subtotal Stand.Guarantees</b>	<b>2.928,80</b>	<b>2.890,50</b>	<b>0,00</b>	<b>48,40</b>	<b>0,00</b>	<b>0,30</b>
<b>TOTAL not classified</b>	<b>4.975,00</b>	<b>4.880,60</b>	<b>0,00</b>	<b>48,40</b>	<b>0,00</b>	<b>6,16</b>
<b>GRAND TOTAL</b>	<b>7.627,90</b>	<b>7.525,90</b>	<b>5,00</b>	<b>48,40</b>	<b>0,00</b>	<b>10,46</b>

Source: Ministry of Finance - General Accounting Office, DG Treasure and Public Accounting

\* The DEDDHE stock of debt guaranteed (1.375,85 m) is transferred from DEH stock (as from December 2021)

Entrepreneurship loans (EIB loans to greek banks, guaranteed by the government)						
	Stock of debt guaranteed by government		Amounts of new guarantees provided*	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
<b>TOTAL</b>	<b>1.477,80</b>	<b>1.531,00</b>	<b>98,30</b>	<b>0,00</b>	<b>0,00</b>	

Source: Ministry of Finance - General Accounting Office, DG Treasure and Public Accounting

Banks' Asset Protection Scheme - "Hercules" (Law 4649/19)						
	Stock of debt guaranteed by government		Amounts of new guarantees provided	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
EUROBANK (Cairo 1)	681,00	681,00	0,00	0,00		1,20
EUROBANK (Cairo 2)	972,50	965,50	0,00	0,00		1,70
EUROBANK (Cairo 3)	650,50	530,40	0,00	0,00		3,00
ALPHA BANK (Galaxy IV) F.D.A.	577,00	567,50	0,00	0,00		0,90
ALPHA BANK (Orion X) F.D.A.	881,20	881,20	0,00	0,00		1,30
ALPHA BANK (Galaxy II) F.D.A.	2.206,70	2.206,70	0,00	0,00		3,40
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ (VEGA II) F.D.A.	802,20	800,70	0,00	0,00		1,10
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ (VEGA I) F.D.A.	438,20	433,50	0,00	0,00		0,70
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ (VEGA III) F.D.A.	165,00	163,50	0,00	0,00		0,20
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ (PHOENIX NPL) F.D.A.	920,20	919,50	0,00	0,00		2,30
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ (Sunrise I NPL) F.D.A.	2.441,90	2.441,90	0,00	0,00		3,10
EUROBANK (Mexico) F.D.A.	1.488,90	1.470,60	0,00	0,00		1,90
ΕΘΝΙΚΗ ΤΡΑΠΕΖΑ (Frontier) I.D.A.	2.793,40	2.790,80	0,00	0,00		4,40
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ (Sunrise II NPL) F.D.A.	1.166,90	1.146,10	0,00	0,00		1,30
ALPHA BANK (Cosmos) S.D.A.	1.720,00	1.661,70	0,00	0,00		1,90
<b>TOTAL</b>	<b>17.905,60</b>	<b>17.660,60</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>28,40</b>

Source: Ministry of Finance - General Accounting Office, DG Treasure and Public Accounting

Guarantees in the context of COVID-19 pandemic****						
	Stock of debt guaranteed		Amounts of new guarantees provided	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
SURE Programme (Job protection scheme)	342,6	342,6	0,0	0,0	0,0	0,0
Pan-European Guarantees' Fund	353,0	353,0	0,0	0,0	0,0	0,0
<b>TOTAL</b>	<b>695,60</b>	<b>695,60</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>

Source: Ministry of Finance - General Accounting Office, DG Treasure and Public Accounting

\*\*\*\* Excluding Hellenic Development Bank (HDB) Guarantees' data (for HDB see guarantees' table below)

Guarantees in the context of support to Ukraine						
	Stock of debt guaranteed		Amounts of new guarantees provided	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
Reinforcement of the Common Provisioning	45,30	45,30	0,00	0,00	0,00	0,00
<b>TOTAL</b>	<b>45,30</b>	<b>45,30</b>	<b>0,00</b>	<b>0,00</b>		

Source: Ministry of Finance - General Accounting Office, DG Treasure and Public Accounting

Hellenic Development Bank Guarantees (ex ETEAN & related funds)						
	Stock of debt guaranteed by government		Amounts of new guarantees provided	Guarantees cash calls - payments by GG	Cash repayments for called	Fees collected for guarantees (receipts of GG)
	end-2022	end-March 2023	March 2023	March 2023	March 2023	March 2023
Hellenic Development Bank (HDB - ex ETEAN) ****	38,90	38,90	0,00	0,00	0,00	
Entrepreneurship Fund	18,80	18,30	0,00	0,00	0,00	
EAT-TMEDE Fund (Public Interest Constructi	11,50	12,10	0,60	0,00	0,00	
Fund for Enterprises of the Audiovisual Indu	1,90	2,50	0,60	0,00	0,00	
Innovation Fund	1,70	3,00	1,30	0,00	0,00	
COVID-19 Fund *****	1.806,20	1.806,20	0,00	0,00	0,00	
<b>TOTAL</b>	<b>1.879,00</b>	<b>1.881,00</b>	<b>2,50</b>	<b>0,00</b>	<b>0,00</b>	

Source : Hellenic Development Bank (HDB)

\*\*\*\* The Hellenic Development Bank (HDB - ex ETEAN) stock of debt guaranteed by government is revised according to the October 2020 HDB updated data

\*\*\*\*\* The Covid-19 Fund stock of debt guaranteed by government refers to the "capped portfolio guarantee" (maximum government exposure)

Note1: Amount of ETEAN's guarantees has no impact on public debt but only on deficit, if these guarantees are called.

Note2: Since 30-9-2020 guarantee table includes "Hercules" scheme, Covid-19 guarantees and bank guarantees.