



GOVERNMENT DEBT MANAGEMENT AGENCY PTE LTD.

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GOVERNMENT SECURITIES MARKET

MONTHLY REPORT
APRIL 2023



The Central Government Debt increased by HUF 2,043.0 billion to HUF 47,605.3 billion in 2023. Total net issuance was HUF 3,007.4 billion; out of which net HUF denominated issuance including repos was HUF 1,552.4 billion and net foreign currency denominated issuance was HUF 1,455.0 billion in 2023.

CENTRAL GOVERNMENT DEBT

(HUF billion)	2022		2023		Change	
	December	%	April	%	HUF billion	%
HUF denominated debt	33,775.6	74.1	35,328.1	74.2	1,552.4	4.6
Loans	1,024.2	2.2	964.7	2.0	-59.5	-5.8
Government bonds	22,346.3	49.0	23,276.6	48.9	930.4	4.2
Retail securities	8,619.4	18.9	8,953.6	18.8	334.2	3.9
Discount treasury bills	1,785.8	3.9	2,133.1	4.5	347.3	19.4
Foreign exchange denominated debt	11,397.3	25.0	11,967.9	25.1	570.5	5.0
Total	45,173.0	99.1	47,295.9	99.4	2,123.0	4.7
Other obligations	389.4	0.9	309.4	0.6	-80.0	-20.5
Total central government debt	45,562.4	100.0	47,605.3	100.0	2,043.0	4.5

The HUF denominated debt of the central government increased by HUF 1,552.4 billion in 2023. The increase in domestic debt was the result of the net government bond issuance of HUF 930.4 billion and the increase of discount Treasury bills by HUF 347.3 billion. The total amount of retail government securities increased by HUF 334.2 billion. The majority of the demand for retail government securities was the sale of Premium Hungarian Government Securities with a maturity of more than one year. The volume of HUF loans decreased by HUF 59.5 billion in 2023.

The foreign currency debt of the central government increased by HUF 570.5 billion in 2023. The increase is mainly due to the foreign currency bonds issuance in January: 5-year foreign currency bond in the amount of USD 1.5 billion (HUF 558.1 billion) and 10-year foreign currency bond in the amount of USD 1.5 billion (HUF 558.1 billion), and 30-year foreign currency bond in the amount of 1.25 billion USD (HUF 465.1 billion HUF) was also issued. The foreign currency debt was further increased by the private placement in March. The 5- and 10-year foreign currency bonds issued in January were increased in the amounts of USD 150 million (HUF 54.3 billion) and USD 300 million (HUF 108.6 billion). The drawdown of foreign currency loans further increased the foreign currency debt by HUF 143.4 billion and the issuance of domestic foreign currency bonds grew by HUF 97.6 billion. The exchange rate revaluations totalling HUF 884.4 billion decreased the Hungarian forint value of the foreign currency debt. Foreign currency debt was decreased by the redemption of foreign currency bond by HUF 525.2 billion and the repayments of domestic foreign currency bond by HUF 4.3 billion. The total amount of other liabilities decreased by HUF 80.0 billion in 2023.

BENCHMARK YIELDS

Maturity	30.12.2022	31.03.2023	28.04.2023	Change in April basis point
3-month	12.32	14.48	14.27	-21
6-month	13.89	15.21	14.56	-65
1-year	13.82	14.57	14.37	-20
3-year	10.71	10.45	9.98	-47
5-year	9.73	9.36	8.69	-67
10-year	8.98	8.44	7.78	-66
15-year	8.41	8.10	7.57	-53
20-year	8.41	7.92	7.53	-39

Monthly OTC turnover of government securities decreased by 8% to HUF 8,650.7 billion in April. Primary dealers, who account for the decisive part of all secondary government securities trading, made 85% of their secondary government securities deals with non-resident investors.

The volume of non-residents' holdings of Hungarian government securities increased altogether by HUF 855.9 billion in April and mounted to HUF 7,434.2 billion at the end of April. This volume represented 21.6% of the total amount of domestic government securities. The EUR/HUF exchange rate according to the National Bank of Hungary was 372.98 on the last working day of April.

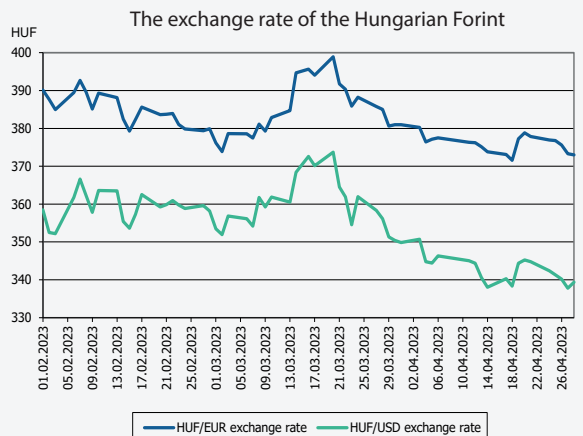
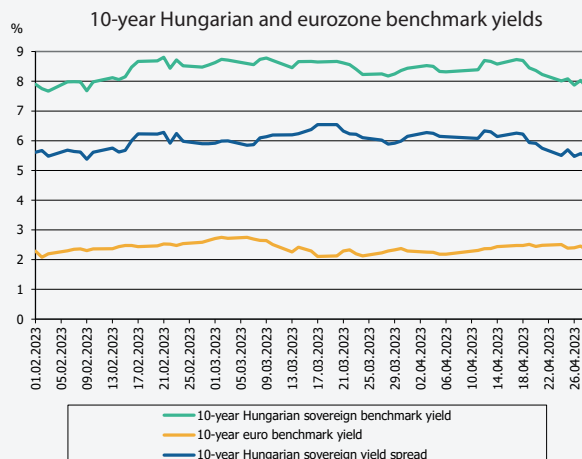
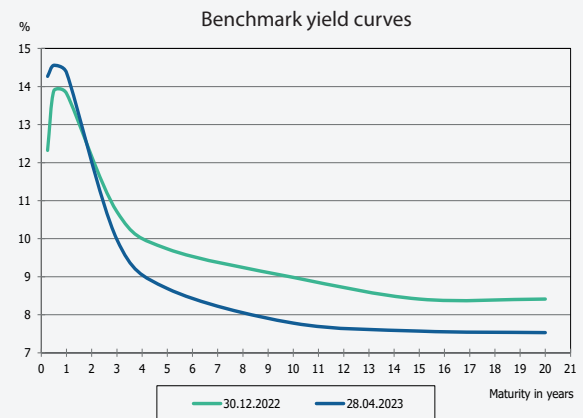
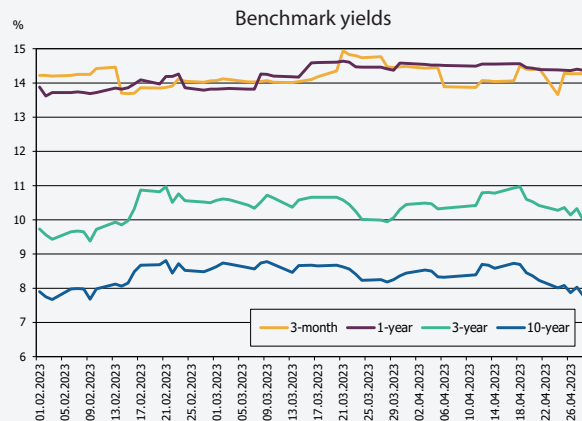
The credit rating of the long-term foreign currency debt of Hungary is as follows on the last working day of April: BBB- (Standard & Poor's); Baa2 (Moody's); BBB (Fitch).

CENTRAL GOVERNMENT GROSS DEBT

HUF BILLION

	2018	2019	2020	2021	2022	2023 February	2023 March	2023 April
1. Forint denominated debt	22,796.0	24,357.1	29,237.3	32,121.2	33,775.6	34,471.8	34,878.7	35,328.1
1.1. Loans	1,167.7	1,208.1	1,161.6	1,307.7	1,024.2	977.0	964.7	964.7
1.2. Government securities	21,628.3	23,149.0	28,075.7	30,813.5	32,751.4	33,494.7	33,914.0	34,363.3
1.2.1. Public issues	21,589.1	23,109.8	28,036.5	30,813.5	32,751.4	33,494.7	33,914.0	34,363.3
1.2.1.1. Bonds	12,836.1	13,378.5	18,206.6	20,220.0	22,346.3	22,708.6	23,012.5	23,276.6
1.2.1.2. Discount T-bills	1,237.3	657.3	658.2	583.2	1,785.8	1,966.7	2,016.4	2,133.1
1.2.1.3. Retail securities	7,515.7	9,074.0	9,171.7	10,010.2	8,619.4	8,819.5	8,885.1	8,953.6
1.2.2. Private placements	39.2	39.2	39.2	0.0	0.0	0.0	0.0	0.0
2. Foreign currency denominated debt*	5,724.8	5,121.2	7,318.2	8,395.2	11,397.3	11,890.4	12,177.0	11,967.9
2.1. Loans	795.0	825.4	1,291.1	1,345.2	1,959.1	1,906.1	1,960.7	1,960.5
2.1.1. Foreign loans	795.0	825.4	1,291.1	1,345.2	1,959.1	1,906.1	1,960.7	1,960.5
2.1.2. Domestic loans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2. Government securities	4,929.8	4,295.8	6,027.1	7,049.9	9,438.2	9,984.3	10,216.3	10,007.4
2.2.1. Issued abroad	4,246.2	3,713.5	5,481.3	6,594.9	9,085.5	9,605.4	9,795.3	9,589.3
2.2.2. Issued domestically	683.6	582.3	545.9	455.0	352.8	378.8	420.9	418.1
Total	28,520.7	29,478.3	36,555.5	40,516.4	45,173.0	46,362.2	47,055.7	47,295.9
Other liabilities	167.40	203.70	128.80	180.60	389.40	320.40	320.20	309.40
Total central government debt	28,688.2	29,682.0	36,684.3	40,697.0	45,562.4	46,682.5	47,375.9	47,605.3
Marketable HUF debt (1.2.1.1+1.2.1.2+1.2.2)	14,112.6	14,075.0	18,904.0	20,803.2	24,132.1	24,675.3	25,028.9	25,409.7
Gross debt/GDP	66.1%	62.4%	76.0%	73.8%	68.1%			

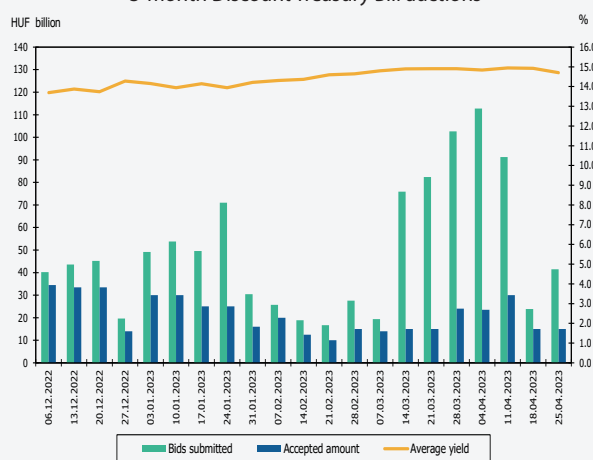
* Foreign exchange debt is recorded at the mid exchange rate of the NBH at the end of the year/month.



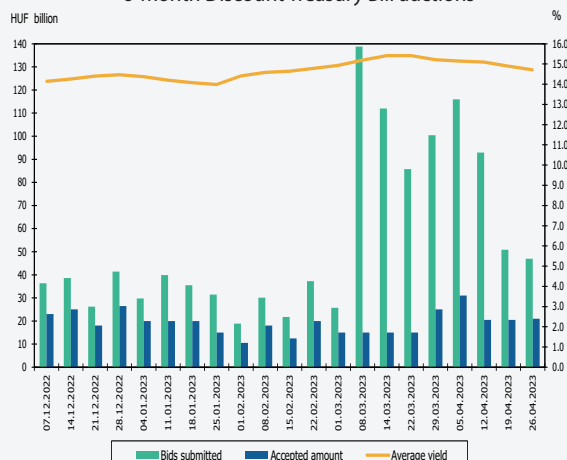
DISCOUNT TREASURY BILL AUCTION RESULTS

	3-month Discount T-bills				6-month Discount T-bills				12-month Discount T-bills	
Code of T-bills	D230712	D230719	D230726	D230802	D230920	D231129	D231129	D231129	D240221	D240430
ISIN code	HU0000524632	HU0000524640	HU0000524491	HU0000524665	HU0000524541	HU0000524657	HU0000524657	HU0000524657	HU0000524624	HU0000524673
Maturity in days	91	91	91	91	161	224	217	210	308	363
Date of auction	04.04.2023	11.04.2023	18.04.2023	25.04.2023	05.04.2023	12.04.2023	19.04.2023	26.04.2023	13.04.2023	27.04.2023
Date of financial settlement	12.04.2023	19.04.2023	26.04.2023	03.05.2023	12.04.2023	19.04.2023	26.04.2023	03.05.2023	19.04.2023	03.05.2023
Redemption date	12.07.2023	19.07.2023	26.07.2023	02.08.2023	20.09.2023	29.11.2023	29.11.2023	29.11.2023	21.02.2024	30.04.2024
Maximum yield (%) - ISMA	15.00	15.00	15.04	14.85	15.20	15.20	14.99	14.80	14.80	14.60
Minimum yield (%) - ISMA	14.00	14.40	14.03	14.30	14.70	11.00	14.50	14.00	14.00	14.00
Average yield (%) - ISMA	14.84	14.94	14.92	14.70	15.14	15.10	14.89	14.71	14.69	14.46
Maximum yield (%) - EHM	15.21	15.21	15.25	15.06	15.41	15.41	15.20	15.01	15.01	14.80
Minimum yield (%) - EHM	14.19	14.60	14.22	14.50	14.90	11.15	14.70	14.19	14.19	14.19
Average yield (%) - EHM	15.05	15.15	15.13	14.91	15.35	15.31	15.10	14.92	14.90	14.66
Average selling price (%)	96.3840	96.3614	96.3654	96.4162	93.6583	91.4089	91.7636	92.0949	88.8324	87.2721
Amount offered for sale (HUF million)	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
Amount of bids submitted (HUF million)	112,720.62	91,228.81	23,839.95	41,505.99	115,941.96	92,903.23	50,854.13	46,954.81	95,049.86	132,887.50
Amount of bids accepted (HUF million)	23,500.00	29,999.94	15,000.00	14,999.99	30,999.99	20,499.98	20,499.98	20,999.84	41,499.99	40,499.96
Bid-to-cover ratio	4.80	3.04	1.59	2.77	3.74	4.53	2.48	2.24	2.29	3.28
Bids submitted (pcs)	92	62	62	83	97	91	89	107	68	113
Bids accepted (pcs)	66	55	57	58	59	63	36	76	56	73
Market sales (HUF million)	23,500.00	29,999.94	15,000.00	14,999.99	30,999.99	20,499.98	20,499.98	20,999.84	41,499.99	40,499.96
Retained on ÁKK's own account (HUF million)	20,000.00	20,000.06	-	20,000.01	15,000.01	41,000.02	36,000.02	9,000.16	28,500.01	40,500.04
Total amount issued (HUF million)	43,500.00	50,000.00	15,000.00	35,000.00	46,000.00	61,500.00	56,500.00	30,000.00	70,000.00	81,000.00

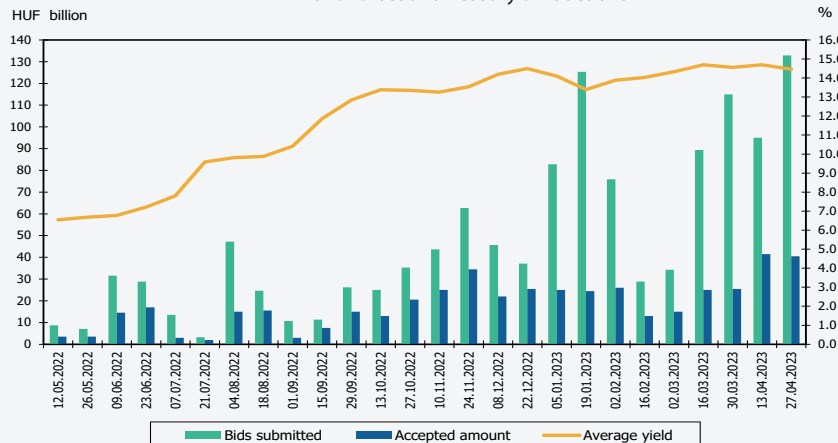
3-month Discount Treasury Bill auctions



6-month Discount Treasury Bill auctions



12-month Discount Treasury Bill auctions

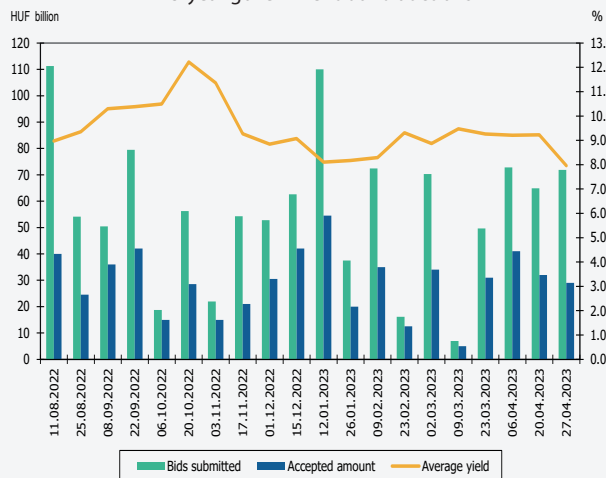


GOVERNMENT BOND AUCTION RESULTS

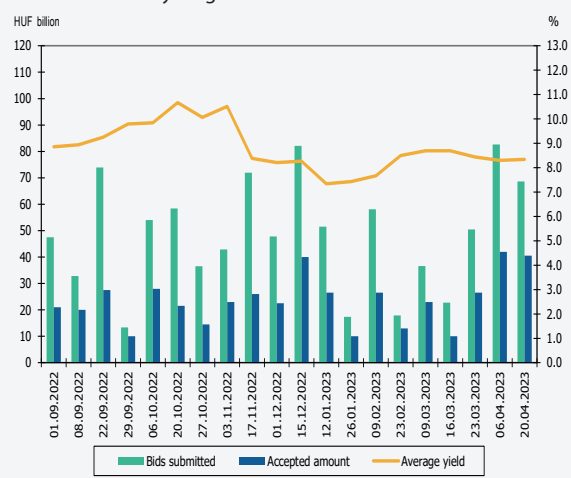
Government Bond	2026/H	2028/A	2032/A	2026/F	2041/A
ISIN code	HU0000406160	HU0000402532	HU0000405550	HU0000404934	HU0000404165
Maturity (in years)	3	5	10	3	20
Coupon	9.50%	6.75%	4.75%	1.50%	3.00%
Auction	7th auction	54th auction	32nd auction	27th auction	43rd auction
Date of auction	06.04.2023	06.04.2023	06.04.2023	13.04.2023	13.04.2023
Date of financial settlement	12.04.2023	12.04.2023	12.04.2023	19.04.2023	19.04.2023
Redemption date	21.10.2026	22.10.2028	24.11.2032	26.08.2026	25.04.2041
Maximum annual yield (%) - ISMA	10.38	9.23	8.31	10.69	8.04
Minimum annual yield (%) - ISMA	10.28	9.18	8.26	10.60	7.99
Average annual yield (%) - ISMA	10.34	9.21	8.30	10.66	8.02
Maximum annual yield (%) - EHM	10.37	9.22	8.31	10.68	8.03
Minimum annual yield (%) - EHM	10.27	9.17	8.25	10.59	7.98
Average annual yield (%) - EHM	10.34	9.20	8.29	10.65	8.02
Maximum price (%)	97.7830	89.7441	77.2667	75.3701	53.1900
Minimum price (%)	97.5041	89.5487	76.9714	75.1681	52.8748
Average price (%)	97.6020	89.6256	77.0606	75.2414	52.9760
Amount offered for sale (HUF million)	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
Amount of bids submitted (HUF million)	9,600.00	72,792.81	82,650.00	14,600.00	38,012.70
Amount of bids accepted (HUF million)	4,500.00	41,000.00	42,000.00	6,999.99	24,999.99
Bid-to-cover ratio	2.13	1.78	1.97	2.09	1.52
Bids submitted (pcs)	14	39	68	26	58
Bids accepted (pcs)	13	11	37	17	33
Tail (%) (average price - minimum price)	0.10	0.08	0.09	0.07	0.10
Market sales (HUF million)	4,500.00	41,000.00	42,000.00	6,999.99	24,999.99
Non-competitive offer (HUF million)	0.00	8,156.40	6,800.00	0.00	0.00
Total amount sales (HUF million)	4,500.00	49,156.40	48,800.00	6,999.99	24,999.99

Government Bond	2026/H	2028/A	2032/A	2030/A	2032/B
ISIN code	HU0000406160	HU0000402532	HU0000405550	HU0000403696	HU0000406087
Maturity (in years)	3	5	10	7	10
Coupon	9.50%	6.75%	4.75%	3.00%	16.29%
Auction	8th auction	55th auction	33rd auction	51st auction	11th auction
Date of auction	20.04.2023	20.04.2023	20.04.2023	27.04.2023	27.04.2023
Date of financial settlement	26.04.2023	26.04.2023	26.04.2023	03.05.2023	03.05.2023
Redemption date	21.10.2026	22.10.2028	24.11.2032	21.08.2030	25.08.2032
Maximum annual yield (%) - ISMA	10.55	9.25	8.35	7.98	-
Minimum annual yield (%) - ISMA	10.40	9.20	8.30	7.95	-
Average annual yield (%) - ISMA	10.49	9.23	8.34	7.96	-
Maximum annual yield (%) - EHM	10.54	9.24	8.34	7.97	-
Minimum annual yield (%) - EHM	10.39	9.19	8.29	7.94	-
Average annual yield (%) - EHM	10.49	9.22	8.33	7.95	-
Maximum price (%)	97.4628	89.7213	77.1071	73.3294	95.7500
Minimum price (%)	97.0504	89.5200	76.8352	73.1962	95.5000
Average price (%)	97.2016	89.6010	76.9050	73.2939	95.5900
Amount offered for sale (HUF million)	10,000.00	10,000.00	10,000.00	10,000.00	5,000.00
Amount of bids submitted (HUF million)	40,470.00	64,905.00	68,630.00	71,856.00	23,400.00
Amount of bids accepted (HUF million)	22,499.99	32,000.00	40,499.98	28,999.96	9,499.98
Bid-to-cover ratio	1.80	2.03	1.69	2.48	2.46
Bids submitted (pcs)	50	76	77	54	38
Bids accepted (pcs)	28	39	36	23	16
Tail (%) (average price - minimum price)	0.15	0.08	0.07	0.10	0.09
Market sales (HUF million)	22,499.99	32,000.00	40,499.98	28,999.96	9,499.98
Non-competitive offer (HUF million)	2,426.66	11,040.00	13,691.98	3,192.07	1,452.00
Total amount sales (HUF million)	24,926.65	43,040.00	54,191.96	32,192.03	10,951.98

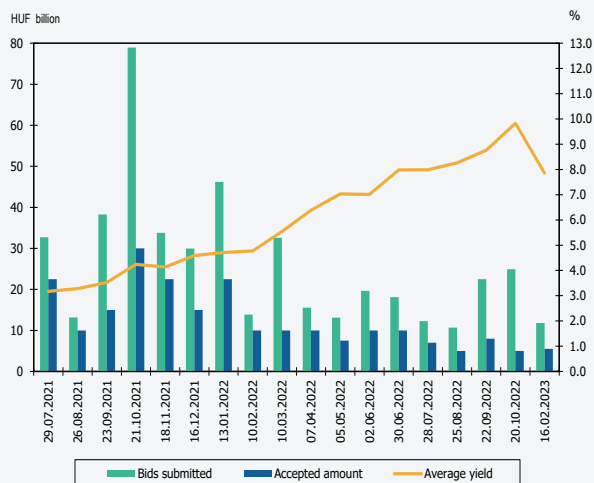
5-year government bond auctions



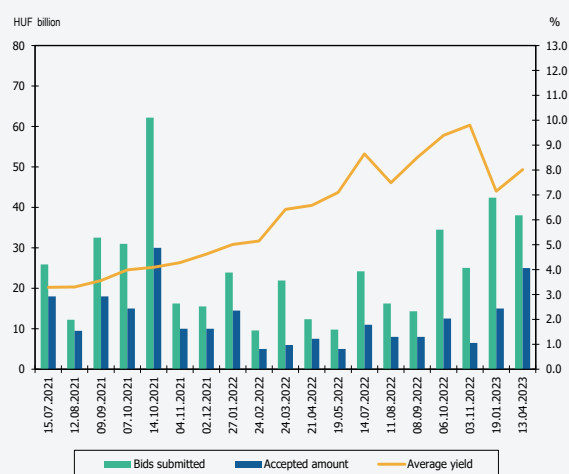
10-year government bond auctions



15-year government bond auction



20-year government bond auctions

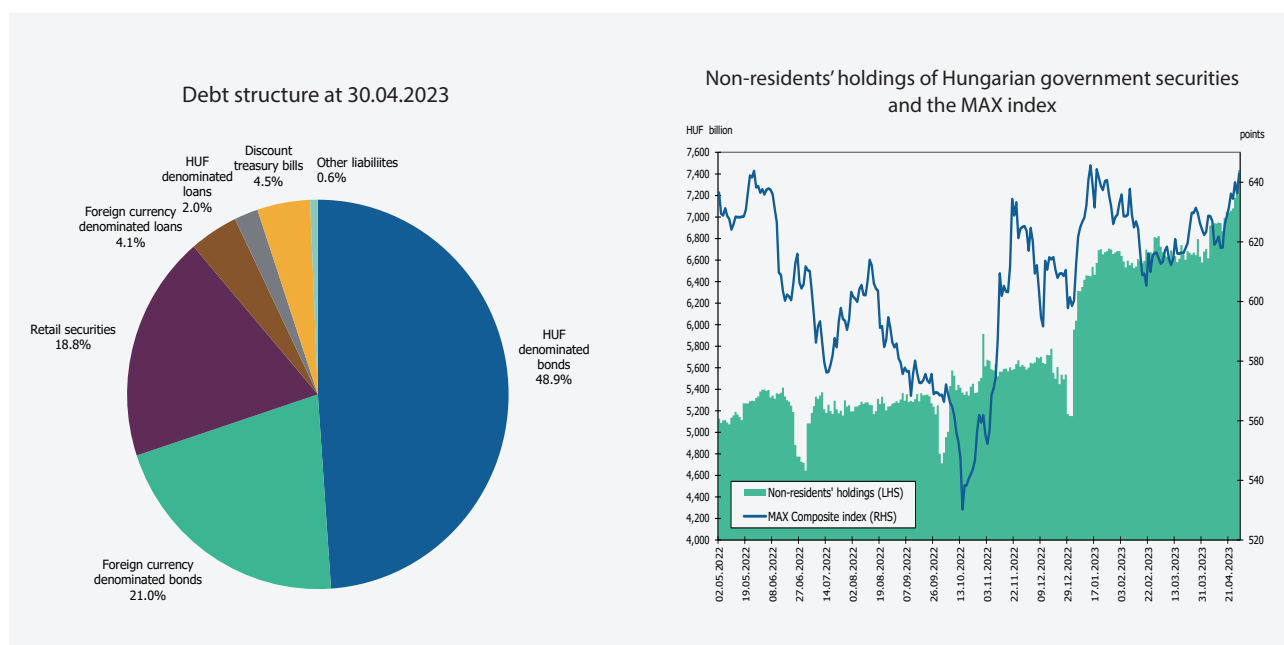
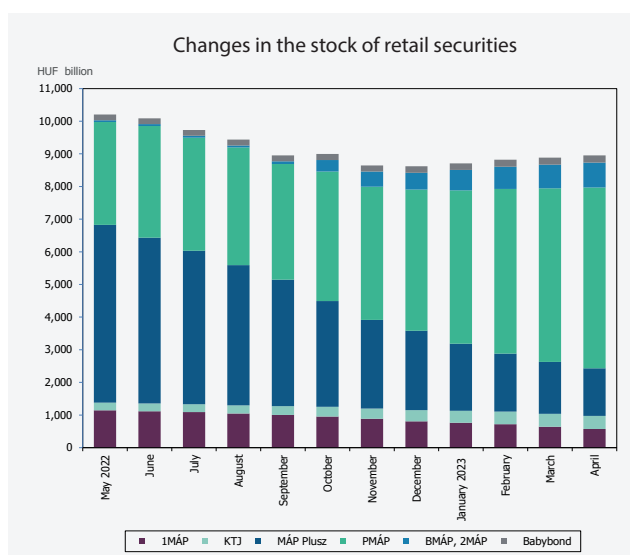


INTEREST RATE RESETS OF FLOATING RATE GOVERNMENT BONDS IN APRIL 2023

Government bond	Date of interest rate reset	Interest period		Date of interest payment	Reset interest rate	Interest payable
2023/B	21.04.2023	26.04.2023	26.07.2023	26.07.2023	16.25%	4.11%
2024/O	18.04.2023	24.04.2023	24.04.2024	24.04.2024	17.36%	17.65%
2024/P	18.04.2023	24.04.2023	24.04.2024	24.04.2024	17.36%	17.65%
2026/O	17.04.2023	21.04.2023	21.07.2023	21.07.2023	15.90%	4.02%
2027/B	19.04.2023	22.04.2023	22.07.2023	24.07.2023	16.29%	4.12%
2028/J	14.04.2023	20.04.2023	20.04.2024	22.04.2024	16.00%	16.00%

OUTSTANDING AMOUNT OF RETAIL SECURITIES

Retail securities	HUF billion		
	31.12.2022	30.04.2023	Change
1-year Hungarian Government Security / 1MÁP	807.8	574.4	-233.4
Treasury Saving Bills / KTJ	341.8	401.0	59.1
Hungarian Government Security Plus / MÁP Plusz	2,434.5	1,457.1	-977.4
Premium Hungarian Government Security / PMÁP	4,321.6	5,536.4	1,214.8
Bonus Hungarian Government Security / BMÁP	514.7	764.2	249.5
Babybond	198.8	220.5	21.6
Total	8,619.3	8,953.5	334.2



HUNGARIAN GOVERNMENT SECURITIES INDICES

	MAX index	HMAX index	MAX Composite index	RMAX index	ZMAX index
Value as at 28.04.2023	668.1734	77.7020	642.8628	592.8638	596.8847
Changes compared to the end of the previous month	20.6854	3.1244	18.6726	6.7077	6.6958
Annual yield earned on the index portfolio (%)	-0.16	0.06	0.31	7.12	9.79

Government bonds with the highest secondary market turnover in April 2023

Government bond	Date of redemption	Turnover (HUF billion)
2028/A	22.10.2028	523.5
2032/A	24.11.2032	360.1
2033/A	20.04.2033	164.4
2028/B	23.03.2028	144.4
2030/A	21.08.2030	133.2
2025/B	24.06.2025	130.9
2026/E	22.04.2026	121.0
2024/C	24.10.2024	100.5
2023/B	26.07.2023	88.4
2041/A	25.04.2041	87.9

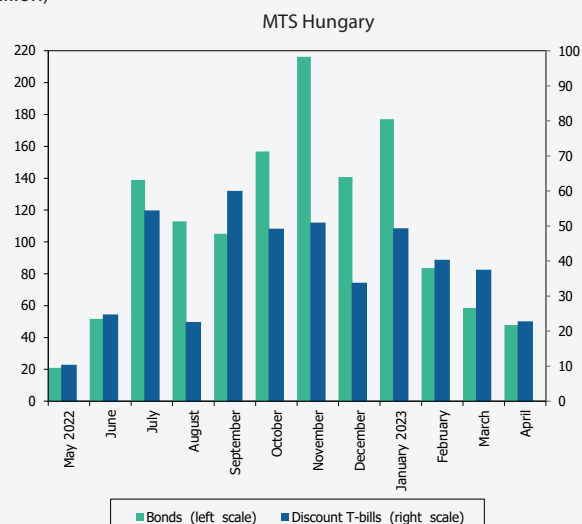
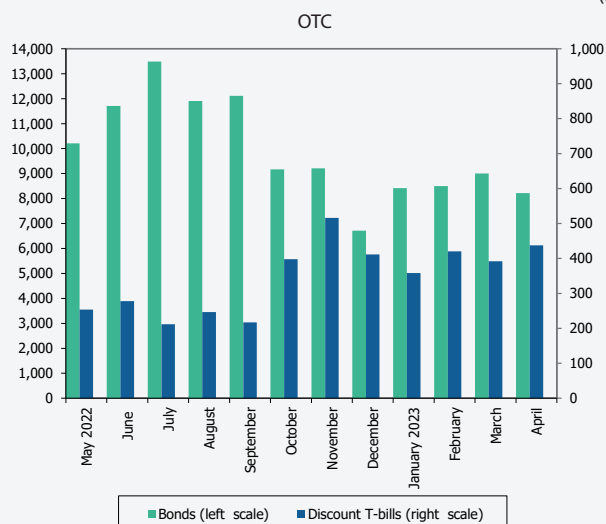
The outstanding volume of government bonds with benchmark status at the end of April 2023

Government bond	HUF billion	
	2023.03.31	2023.04.30
2026/H	139.40	169.26
2028/A	917.90	1,010.32
2032/A	862.90	965.91
2038/A	907.18	907.18
2041/A	540.33	565.37

The outstanding volume of the three largest government bonds at the end of April 2023

Government bond	HUF billion
2031/A	1,530.13
2025/C	1,480.20
2033/A	1,315.15

Secondary market trading of Hungarian government securities (HUF billion)



Breakdown of primary dealers' secondary market turnover by investor groups in April 2023

