



GOVERNMENT DEBT MANAGEMENT AGENCY PTE LTD.

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GOVERNMENT SECURITIES MARKET

MONTHLY REPORT
APRIL 2022



The Central Government Debt increased by HUF 2,182.2 billion to HUF 42,879.2 billion in 2022. Total net issuance was HUF 1,904.7 billion; out of which net HUF denominated issuance including repos was HUF 1,639.1 billion and net foreign currency denominated issuance was HUF 265.6 billion in 2022.

CENTRAL GOVERNMENT DEBT

(HUF billion)	2021		2022		Change	
	December	%	April	%	HUF billion	%
HUF denominated debt	32,121.2	78.9	33,760.4	78.7	1,639.1	5.1
Loans	1,307.7	3.2	1,305.4	3.0	-2.3	-0.2
Government bonds	20,220.0	49.7	21,184.6	49.4	964.6	4.8
Retail securities	10,010.3	24.6	10,188.2	23.8	177.9	1.8
Discount treasury bills	583.2	1.4	1,082.1	2.5	498.9	85.5
Foreign exchange denominated debt	8,395.2	20.6	8,862.0	20.7	466.9	5.6
Total	40,516.4	99.6	42,622.4	99.4	2,106.0	5.2
Other obligations	180.6	0.4	256.8	0.6	76.2	42.2
Total central government debt	40,697.0	100.0	42,879.2	100.0	2,182.2	5.4

The HUF denominated debt of the central government increased by HUF 1,639.1 billion in 2022. The increase in domestic debt was the result of the net government bond issuance of HUF 964.6 billion and the increase of discount Treasury bills by HUF 498.9 billion. The total amount of retail government securities further increased by HUF 177.9 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 2.3 billion in 2022.

The foreign currency debt of the central government increased by HUF 466.9 billion in 2022. The increase is mainly due to the foreign currency bond issues in February. Japanese yen-denominated Samurai bonds were issued in total amount of HUF 205.4 billion (75.3 billion yen). Four series with different maturities, one of them is 3-year long traditional foreign currency bond and three of them are 5-7-10-year long green foreign currency bonds. The drawdown of foreign currency loans further increased the foreign currency debt by HUF 62.5 billion and the issuance of domestic foreign currency bonds grew by HUF 62.2 billion. The exchange rate revaluations totalling HUF 201.3 billion increased the Hungarian forint value of the foreign currency debt. Foreign currency debt was decreased by the redemptions of domestic foreign currency bond by HUF 49.8 billion, the foreign currency bond repayments by HUF 8.7 billion and the foreign currency loan redemptions by HUF 6.1 billion.

The total amount of other liabilities increased by HUF 76.2 billion in 2022.

BENCHMARK YIELDS

Maturity	30.12.2021	31.03.2022	29.04.2022	Change in April basis point
3-month	2.16	5.70	5.86	16
6-month	2.61	5.76	5.87	11
1-year	3.57	5.99	6.32	33
3-year	4.19	6.41	7.06	65
5-year	4.35	6.34	7.15	81
10-year	4.51	5.90	6.86	96
15-year	4.72	5.88	6.73	85
20-year	4.75	5.92	6.68	76

Monthly OTC turnover of government securities decreased by 4% to HUF 8,042.7 billion in April. Primary dealers, who account for the decisive part of all secondary government securities trading, made 70% of their secondary government securities deals with non-resident investors.

The volume of non-residents' holdings of Hungarian government securities increased altogether by HUF 615.0 billion in April and amounted to HUF 5,135.1 billion at the end of April. This volume represented 15.8% of the total amount of domestic government securities. The EUR/HUF exchange rate according to the National Bank of Hungary was 377.12 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).

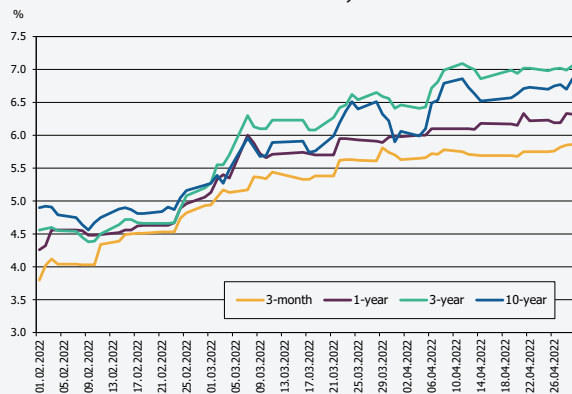
CENTRAL GOVERNMENT GROSS DEBT

HUF BILLION

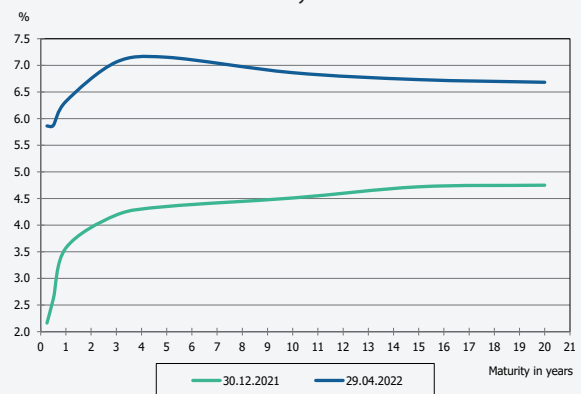
	2017	2018	2019	2020	2021	2022 February	2022 March	2022 April
1. Forint denominated debt	20,689.4	22,796.0	24,357.1	29,237.3	32,121.2	33,064.0	33,470.5	33,760.4
1.1. Loans	1,041.1	1,167.7	1,208.1	1,161.6	1,307.7	1,305.4	1,305.4	1,305.4
1.2. Government securities	19,648.3	21,628.3	23,149.0	28,075.7	30,813.5	31,758.5	32,165.0	32,454.9
1.2.1. Public issues	19,609.2	21,589.1	23,109.8	28,036.5	30,813.5	31,758.5	32,165.0	32,454.9
1.2.1.1. Bonds	11,767.1	12,836.1	13,378.5	18,206.6	20,220.0	20,659.7	21,143.4	21,184.6
1.2.1.2. Discount T-bills	1,039.2	1,237.3	657.3	658.2	583.2	874.7	952.2	1,082.1
1.2.1.3. Retail securities	6,802.9	7,515.7	9,074.0	9,171.7	10,010.2	10,224.1	10,069.4	10,188.2
1.2.2. Private placements	39.2	39.2	39.2	39.2	0.0	0.0	0.0	0.0
2. Foreign currency denominated debt*	5,782.5	5,724.8	5,121.2	7,318.2	8,395.2	8,669.3	8,676.1	8,862.0
2.1. Loans	929.1	795.0	825.4	1,291.1	1,345.2	1,348.2	1,403.4	1,431.9
2.1.1. Foreign loans	929.1	795.0	825.4	1,291.1	1,345.2	1,348.2	1,403.4	1,431.9
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	4,853.5	4,929.8	4,295.8	6,027.1	7,049.9	7,321.1	7,272.8	7,430.2
2.2.1. Issued abroad	4,145.9	4,246.2	3,713.5	5,481.3	6,594.9	6,822.1	6,811.9	6,950.6
2.2.2. Issued domestically	707.6	683.6	582.3	545.9	455.0	499.1	460.8	479.6
Total	26,472.0	28,520.7	29,478.3	36,555.5	40,516.4	41,733.3	42,146.7	42,622.4
Other liabilities	274.20	167.40	203.70	128.80	180.60	200.90	186.80	256.80
Total central government debt	26,746.2	28,688.2	29,682.0	36,684.3	40,697.0	41,934.2	42,333.5	42,879.2
Marketable HUF debt (1.2.1.1+1.2.1.2+1.2.2)	12,845.5	14,112.6	14,075.0	18,904.0	20,803.2	21,534.4	22,095.6	22,266.7
Gross debt/GDP	68.1%	66.1%	62.4%	76.0%	73.7%			

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

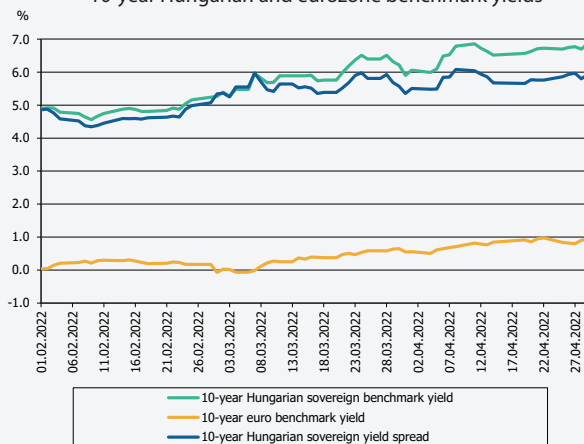
Benchmark yields



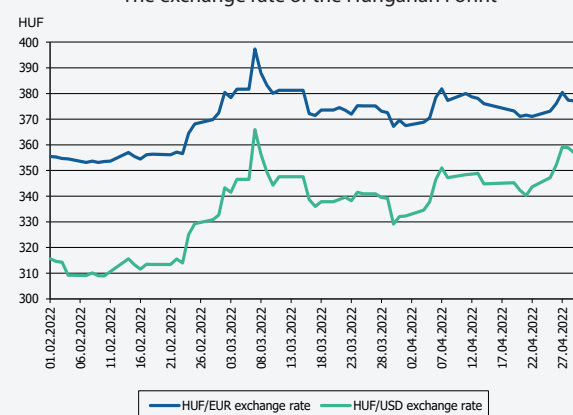
Benchmark yield curves



10-year Hungarian and eurozone benchmark yields



The exchange rate of the Hungarian Forint

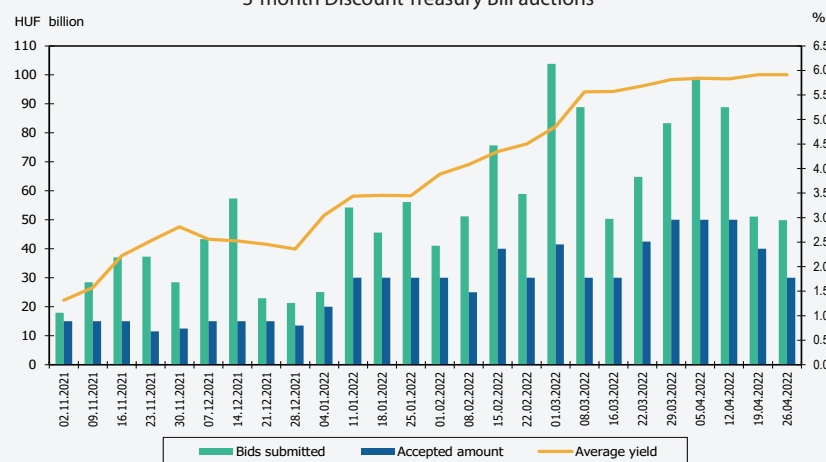


DISCOUNT TREASURY BILL AUCTION RESULTS

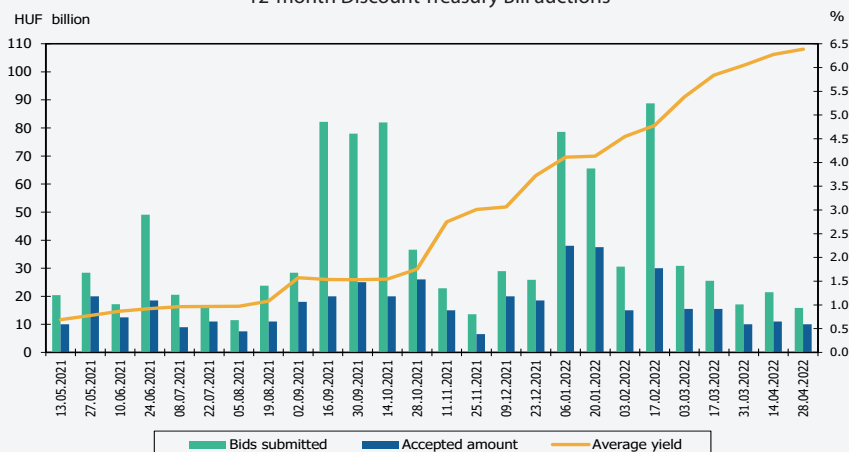
	3-month Discount T-bills				12-month Discount T-bills	
Code of T-bills	D220713	D220720	D220727	D220803	D230419	D230419
ISIN code	HU0000524095	HU0000524103	HU0000524129	HU0000524137	HU0000524111	HU0000524111
Maturity in days	91	91	91	91	364	350
Date of auction	05.04.2022	12.04.2022	19.04.2022	26.04.2022	14.04.2022	28.04.2022
Date of financial settlement	13.04.2022	20.04.2022	27.04.2022	04.05.2022	20.04.2022	04.05.2022
Redemption date	13.07.2022	20.07.2022	27.07.2022	03.08.2022	19.04.2023	19.04.2023
Maximum yield (%) - ISMA	5.91	5.91	6.02	6.05	6.40	6.45
Minimum yield (%) - ISMA	5.50	5.65	5.70	4.90	6.05	6.30
Average yield (%) - ISMA	5.84	5.83	5.91	5.91	6.27	6.39
Maximum yield (%) - EHM	5.99	5.99	6.10	6.13	6.49	6.54
Minimum yield (%) - EHM	5.58	5.73	5.78	4.97	6.13	6.39
Average yield (%) - EHM	5.92	5.91	6.00	6.00	6.36	6.48
Average selling price (%)	98.5455	98.5479	98.5270	98.5273	94.0353	94.1526
Amount offered for sale (HUF million)	50,000.00	50,000.00	50,000.00	40,000.00	30,000.00	25,000.00
Amount of bids submitted (HUF million)	99,288.61	88,873.24	51,126.01	49,919.51	21,467.28	15,817.07
Amount of bids accepted (HUF million)	50,000.00	50,000.00	40,000.00	30,000.00	11,000.00	10,000.00
Bid-to-cover ratio	1.99	1.78	1.28	1.66	1.95	1.58
Bids submitted (pcs)	88	54	28	64	28	35
Bids accepted (pcs)	57	28	24	46	18	20
Market sales* (HUF million)	50,000.00	50,000.00	40,000.00	30,000.00	11,000.00	10,000.00
Retained on ÁKK's own account (HUF million)	3,000.00	3,000.00	3,000.00	3,000.00	11,000.00	10,000.00
Total amount issued (HUF million)	53,000.00	53,000.00	43,000.00	33,000.00	22,000.00	20,000.00

* Without issuance onto ÁKK's own account

3-month Discount Treasury Bill auctions



12-month Discount Treasury Bill auctions

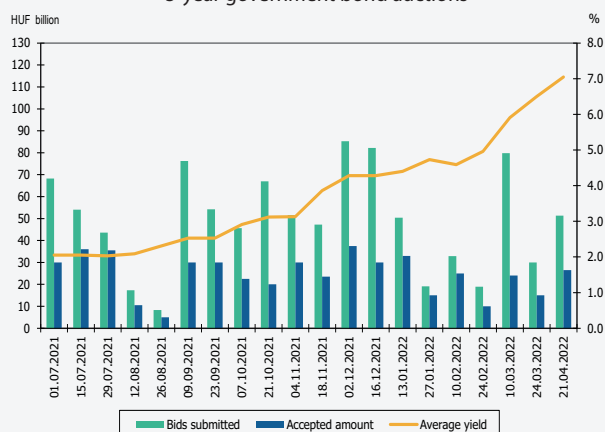


GOVERNMENT BOND AUCTION RESULTS

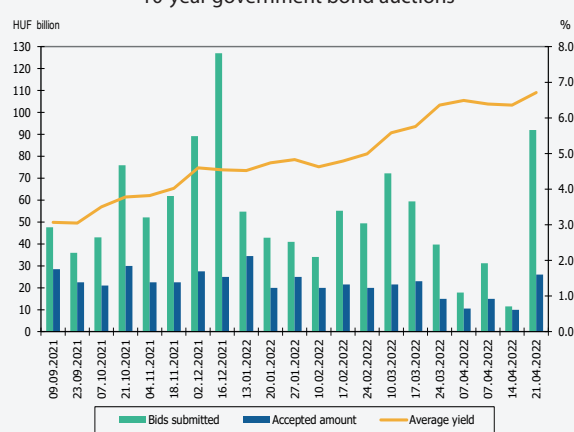
Government Bond	2032/A	2033/A	2038/A	2029/B
ISIN code	HU0000405550	HU0000404744	HU0000403555	HU0000404926
Maturity (in years)	10	10	15	7
Coupon	4.75%	2.25%	3.00%	4.59%
Auction	7th auction	48th auction	52nd auction	29th auction
Date of auction	07.04.2022	07.04.2022	07.04.2022	14.04.2022
Date of financial settlement	13.04.2022	13.04.2022	13.04.2022	20.04.2022
Redemption date	24.11.2032	20.04.2033	27.10.2038	22.08.2029
Maximum annual yield (%) - ISMA	6.51	6.40	6.43	-
Minimum annual yield (%) - ISMA	6.44	6.36	6.34	-
Average annual yield (%) - ISMA	6.49	6.39	6.39	-
Maximum annual yield (%) - EHM	6.50	6.40	6.43	-
Minimum annual yield (%) - EHM	6.43	6.36	6.34	-
Average annual yield (%) - EHM	6.48	6.38	6.38	-
Maximum price (%)	87.2800	68.1335	66.3548	97.0900
Minimum price (%)	86.8010	67.8580	65.6638	96.9500
Average price (%)	86.9550	67.9660	65.9922	97.0100
Amount offered for sale (HUF million)	15,000.00	15,000.00	10,000.00	15,000.00
Amount of bids submitted (HUF million)	17,850.00	31,170.00	15,525.00	43,351.00
Amount of bids accepted (HUF million)	10,500.00	15,000.00	10,000.00	31,499.98
Bid-to-cover ratio	1.70	2.08	1.55	1.38
Bids submitted (pcs)	38	48	31	22
Bids accepted (pcs)	22	22	22	11
Tail (%) (average price - minimum price)	0.15	0.11	0.33	0.06
Market sales (HUF million)	10,500.00	15,000.00	10,000.00	31,499.98
Non-competitive offer (HUF million)	0.00	0.00	0.00	12,306.29
Total amount sales (HUF million)	10,500.00	15,000.00	10,000.00	43,806.27

Government Bond	2032/G	2028/B	2032/A	2041/A	2029/B
ISIN code	HU0000405535	HU0000405543	HU0000405550	HU0000404165	HU0000404926
Maturity (in years)	10	5	10	20	7
Coupon	4.50%	4.50%	4.75%	3.00%	4.59%
Auction	4th auction	7th auction	8th auction	35th auction	30th auction
Date of auction	14.04.2022	21.04.2022	21.04.2022	21.04.2022	28.04.2022
Date of financial settlement	20.04.2022	27.04.2022	27.04.2022	27.04.2022	04.05.2022
Redemption date	27.05.2032	23.03.2028	24.11.2032	25.04.2041	22.08.2029
Maximum annual yield (%) - ISMA	6.40	7.07	6.73	6.59	-
Minimum annual yield (%) - ISMA	6.32	7.03	6.68	6.55	-
Average annual yield (%) - ISMA	6.36	7.05	6.71	6.58	-
Maximum annual yield (%) - EHM	6.39	7.06	6.73	6.59	-
Minimum annual yield (%) - EHM	6.31	7.02	6.67	6.55	-
Average annual yield (%) - EHM	6.35	7.05	6.71	6.57	-
Maximum price (%)	86.7130	88.0525	85.6747	62.0424	97.1000
Minimum price (%)	86.2144	87.8784	85.3060	61.7317	97.0000
Average price (%)	86.4663	87.9540	85.4676	61.8187	97.0500
Amount offered for sale (HUF million)	10,000.00	15,000.00	15,000.00	10,000.00	15,000.00
Amount of bids submitted (HUF million)	11,520.30	51,362.15	91,992.20	12,350.00	60,133.00
Amount of bids accepted (HUF million)	10,000.00	26,499.96	26,000.00	7,499.99	32,000.00
Bid-to-cover ratio	1.15	1.94	3.54	1.65	1.88
Bids submitted (pcs)	24	57	55	37	49
Bids accepted (pcs)	20	23	19	20	16
Tail (%) (average price - minimum price)	0.25	0.08	0.16	0.09	0.05
Market sales (HUF million)	10,000.00	26,499.96	26,000.00	7,499.99	32,000.00
Non-competitive offer (HUF million)	0.00	8,940.80	9,388.00	0.00	12,280.00
Total amount sales (HUF million)	10,000.00	35,440.76	35,388.00	7,499.99	44,280.00

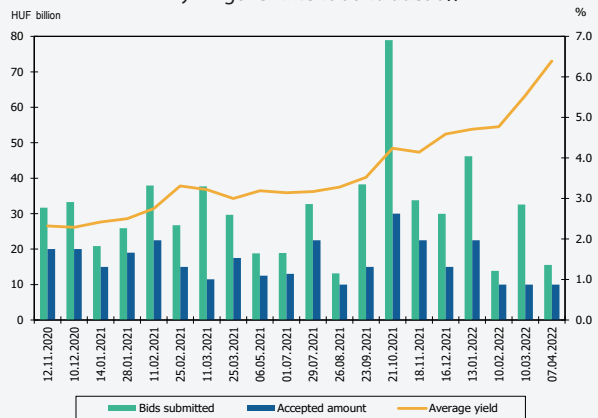
5-year government bond auctions



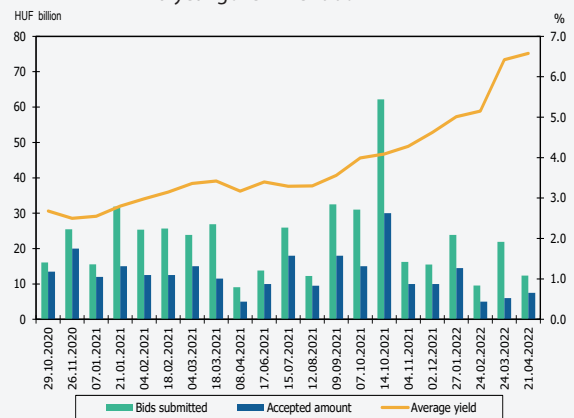
10-year government bond auctions



15-year government bond auction



20-year government bond auctions

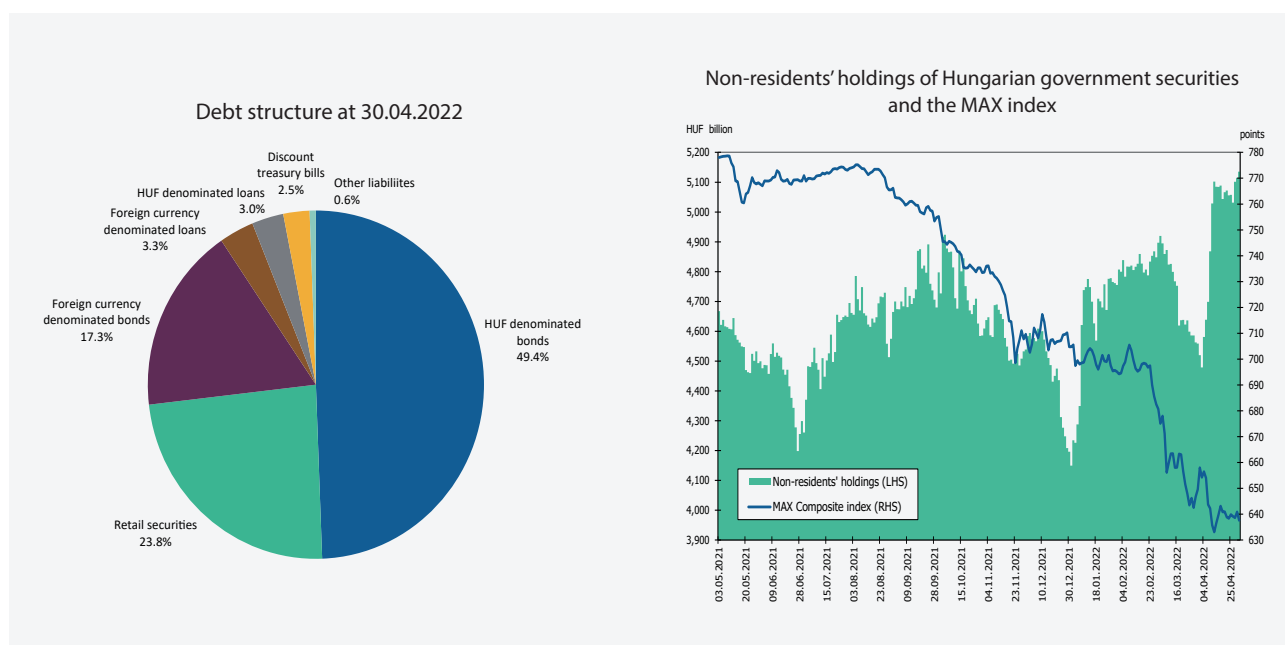
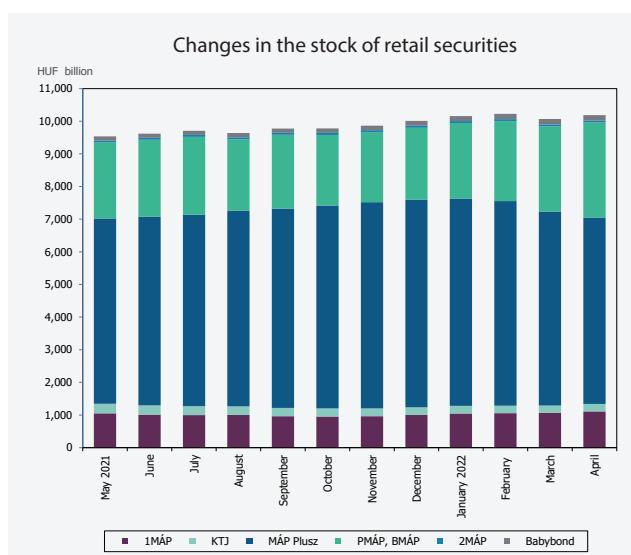


INTEREST RATE RESETS OF FLOATING RATE GOVERNMENT BONDS IN APRIL 2022

Government bond	Date of interest rate reset	Interest period		Date of interest payment	Reset interest rate	Interest payable
2023/B	21.04.2022	26.04.2022	26.07.2022	26.07.2022	6.60%	1.67%
2024/O	19.04.2022	24.04.2022	24.04.2023	24.04.2023	8.58%	8.70%
2024/P	19.04.2022	24.04.2022	24.04.2023	24.04.2023	8.58%	8.70%
2027/B	19.04.2022	22.04.2022	22.07.2022	22.07.2022	6.60%	1.67%
2028/J	21.04.2022	28.04.2022	20.04.2023	20.04.2023	6.60%	6.46%

OUTSTANDING AMOUNT OF RETAIL SECURITIES

Retail securities	HUF billion		
	31.12.2021	30.04.2022	Change
1-year Hungarian Government Security / 1MÁP	1,001.6	1,110.6	109.0
Treasury Saving Bills / KTJ	234.7	230.2	-4.5
Hungarian Government Security Plus / MÁP Plusz	6,361.5	5,707.8	-653.7
Premium Hungarian Government Security / PMÁP	2,202.7	2,913.4	710.7
Bonus Hungarian Government Security / BMÁP	60.8	56.3	-4.6
Babybond	148.8	169.8	21.1
Total	10,010.2	10,188.1	177.9



HUNGARIAN GOVERNMENT SECURITIES INDICES

	MAX index	HMAX index	MAX Composite index	RMAX index	ZMAX index
Value as at 29.04.2022	665.6372	77.0819	637.5893	553.5042	543.7758
Changes compared to the end of the previous month	-22.7913	-3.5741	-20.3881	1.7162	2.2062
Annual yield earned on the index portfolio (%)	-19.29	-22.74	-18.13	-0.65	0.87

Government bonds with the highest secondary market turnover in April 2022

Government bond	Date of redemption	Turnover (HUF billion)
2026/E	22.04.2026	821.7
2027/A	27.10.2027	382.2
2026/F	26.08.2026	342.1
2033/A	20.04.2033	313.6
2032/A	24.11.2032	249.0
2026/D	22.12.2026	216.0
2028/B	23.03.2028	209.5
2031/A	22.10.2031	194.0
2024/C	24.10.2024	192.3
2025/C	26.11.2025	186.0

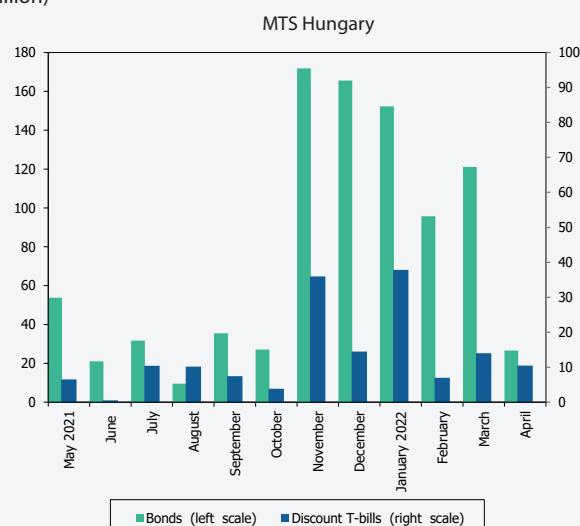
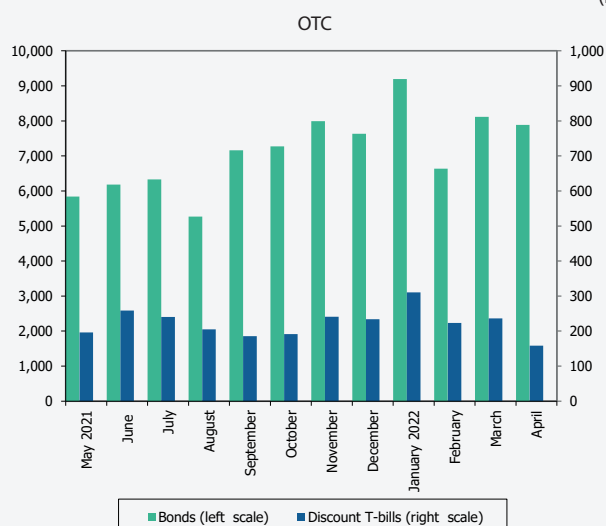
The outstanding volume of government bonds with benchmark status at the end of April 2022

Government bond	HUF billion	
	31.03.2022	30.04.2022
2025/C	1,350.39	1,350.49
2028/B	123.66	159.19
2032/A	153.73	199.67
2038/A	829.46	839.48
2041/A	442.56	455.09

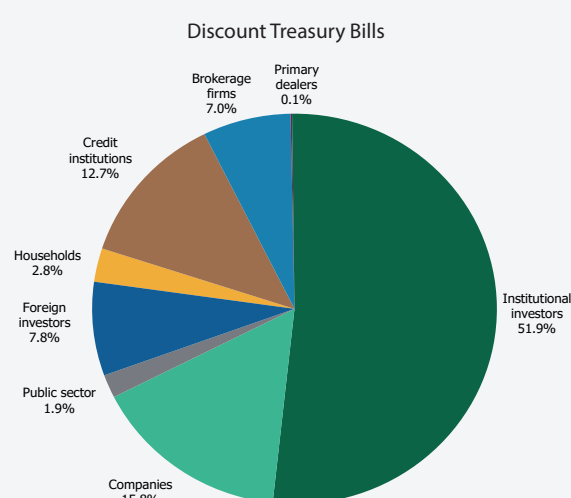
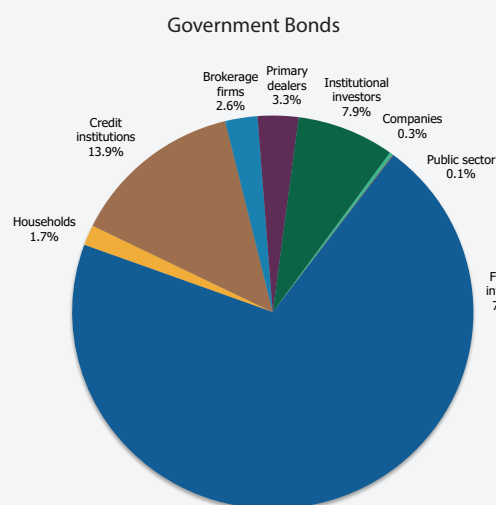
The outstanding volume of the three largest government bonds at the end of April 2022

Government bond	HUF billion
2031/A	1,487.24
2025/C	1,350.49
2033/A	1,276.50

Secondary market trading of Hungarian government securities (HUF billion)



Breakdown of primary dealers' secondary market turnover by investor groups in April 2022*



* The previously reported chart were modified in June, because the data for April were corrected by provider on 14 June 2022.