



GOVERNMENT DEBT MANAGEMENT AGENCY PTE LTD.

Á | K | K

GOVERNMENT SECURITIES MARKET

MONTHLY REPORT
NOVEMBER 2024



The Central Government Debt increased by HUF 5,318.2 billion to HUF 56,183.4 billion in 2024. Total net issuance was HUF 4,256.4 billion; out of which net HUF denominated issuance including repos was HUF 2,446.1 billion and net foreign currency denominated issuance was HUF 1,810.3 billion in 2024.

CENTRAL GOVERNMENT DEBT

(HUF billion)	2023		2024		Change	
	December	%	November	%	HUF billion	%
HUF denominated debt	36,888.0	72.5	39,334.2	70.0	2,446.1	6.6
Loans	868.2	1.7	878.7	1.6	10.4	1.2
Government bonds	24,058.9	47.3	24,690.9	43.9	632.0	2.6
Retail securities	10,077.2	19.8	11,271.8	20.1	1,194.6	11.9
Discount treasury bills	1,883.8	3.7	2,492.9	4.4	609.1	32.3
Foreign exchange denominated debt	13,678.3	26.9	16,723.9	29.8	3,045.6	22.3
Total	50,566.3	99.4	56,058.1	99.8	5,491.8	10.9
Other obligations	298.8	0.6	125.3	0.2	-173.6	-58.1
Total central government debt	50,865.2	100.0	56,183.4	100.0	5,318.2	10.5

Source: ÁKK

The HUF denominated debt of the central government increased by HUF 2,446.1 billion in 2024. The increase in domestic debt was the result of the net government bond issuance of HUF 632.0 billion and the increase of discount Treasury bills by HUF 609.1 billion. The total amount of retail government securities increased by HUF 1,194.6 billion. The majority of the demand for retail government securities was the sale of Fix Hungarian Government Securities. The volume of HUF loans increased by HUF 10.4 billion in 2024.

The foreign currency debt of the central government increased by HUF 3,045.6 billion in 2024. The increase is mainly due to the foreign currency bond issuances in January. On 3 January 2024, Hungary's first international bond issuance this year was made in the amount of USD 2.5 billion (HUF 863.6 billion) with 12-year maturity, followed by Hungary's third EUR Green Bond issuance on 18 January in the amount of EUR 1.5 billion (HUF 577.6 billion) with a maturity of 5.5-year. On 5 September 2024, Hungary issued the next series of so-called Samurai bonds denominated in Japanese Yen. In the transaction, the Hungarian sovereign raised a total of JPY 39.6 billion (HUF 99.3 billion) by issuing two series with different maturities. One of the two series is a 3-year maturity conventional bond in the amount of JPY 38.3 billion (HUF 96.0 billion) and the other one is a 10-year maturity green bond in the amount of JPY 1.3 billion (HUF 3.3 billion). The amount of foreign currency securities issued under the ECP (Euro Commercial Paper) programme was USD 500 million (HUF 180.4 billion) in March. The drawdown of foreign currency loans further increased the foreign currency debt by HUF 594.8 billion and the issuance of domestic foreign currency bonds grew by HUF 104.6 billion. The exchange rate revaluations totalling HUF 1,235.3 billion increased the Hungarian forint value of the foreign currency debt.

Foreign currency debt was decreased by the redemption of foreign currency bond by HUF 500.5 billion, the repayments of domestic foreign currency bond by HUF 54.8 billion and the redemption of foreign currency loans by HUF 54.8 billion. The total amount of other liabilities decreased by HUF 173.6 billion in 2024.

BENCHMARK YIELDS

Maturity	29.12.2023	31.10.2024	29.11.2024	Change in November basis point
3-month	6.23	5.35	5.69	34
6-month	6.26	5.34	5.85	51
1-year	6.45	5.33	5.64	31
3-year	6.12	6.56	6.07	-49
5-year	5.78	6.60	5.81	-79
10-year	5.86	6.89	6.34	-55
15-year	6.11	6.93	6.58	-35
20-year	6.07	7.00	6.64	-36

Source: ÁKK

Monthly OTC turnover of government securities increased by 13% to HUF 8,285.5 billion in November. Primary dealers, who account for the decisive part of all secondary government securities trading, made 56% of their secondary government securities deals with non-resident investors.

The volume of non-residents' holdings of Hungarian government securities decreased altogether by HUF 644.6 billion in November and amounted to HUF 5,465.0 billion at the end of November. This volume represented 14.2% of the total amount of domestic government securities.

The EUR/HUF exchange rate according to the National Bank of Hungary was 413.13 on the last working day of November.

The credit rating of the long-term foreign currency debt of Hungary is as follows on the last working day of November: BBB- (Standard & Poor's); Baa2 (Moody's); BBB (Fitch). At the end of November, Moody's Ratings changed the outlook to negative from stable, but left the Hungarian rating unchanged at Baa2.

CENTRAL GOVERNMENT GROSS DEBT

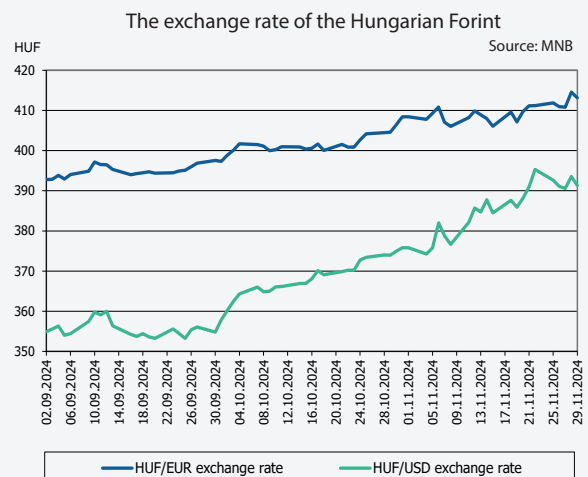
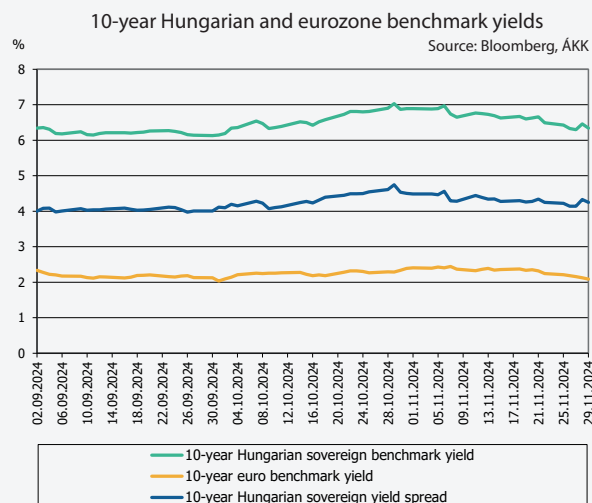
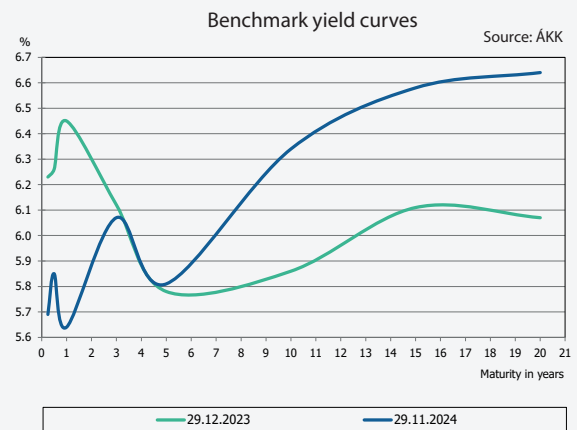
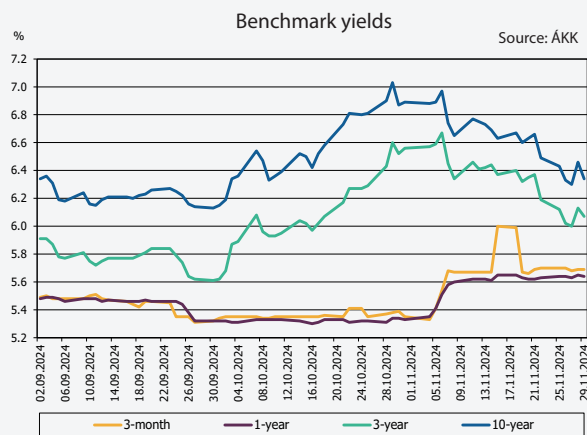
HUF BILLION

	2019	2020	2021	2022	2023	2024 September	2024 October	2024 November
1. Forint denominated debt	24,357.1	29,237.3	32,121.2	33,775.6	36,888.0	39,502.7	38,939.4	39,334.2
1.1. Loans	1,208.1	1,161.6	1,307.7	1,024.2	868.2	886.9	886.9	878.7
1.2. Government securities	23,149.0	28,075.7	30,813.5	32,751.4	36,019.8	38,615.8	38,052.5	38,455.5
1.2.1. Public issues	23,109.8	28,036.5	30,813.5	32,751.4	36,019.8	38,615.8	38,052.5	38,455.5
1.2.1.1. Bonds	13,378.5	18,206.6	20,220.0	22,346.3	24,058.9	24,866.8	24,371.8	24,690.9
1.2.1.2. Discount T-bills	657.3	658.2	583.2	1,785.8	1,883.8	2,531.1	2,443.7	2,492.9
1.2.1.3. Retail securities	9,074.0	9,171.7	10,010.2	8,619.4	10,077.2	11,217.9	11,236.9	11,271.8
1.2.2. Private placements	39.2	39.2	0.0	0.0	0.0	0.0	0.0	0.0
2. Foreign currency denominated debt*	5,121.2	7,318.2	8,395.2	11,397.3	13,678.3	16,084.4	16,543.6	16,723.9
2.1. Loans	825.4	1,291.1	1,345.2	1,959.1	2,670.0	3,289.4	3,395.2	3,451.2
2.2. Government securities	4,295.8	6,027.1	7,049.9	9,438.2	11,008.3	12,795.0	13,148.4	13,272.7
2.2.1. Issued abroad	3,713.5	5,481.3	6,594.9	9,085.5	10,535.4	12,247.7	12,583.1	12,709.6
2.2.2. Issued domestically	582.3	545.9	455.0	352.8	472.9	547.3	565.3	563.2
Total	29,478.3	36,555.5	40,516.4	45,173.0	50,566.3	55,587.0	55,483.0	56,058.1
Other liabilities	203.70	128.80	180.60	389.40	298.80	97.70	90.20	125.30
Total central government debt	29,682.0	36,684.3	40,697.0	45,562.4	50,865.2	55,684.8	55,573.2	56,183.4
Marketable HUF debt (1.2.1.1+1.2.1.2+1.2.2)	14,075.0	18,904.0	20,803.2	24,132.1	25,942.7	27,397.9	26,815.5	27,183.8
Gross debt/GDP	61.9%	75.2%	73.3%	68.9%	67.7%			

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

Source: ÁKK, KSH

ÁKK - Government Debt Management Agency
KSH - Hungarian Central Statistical Office

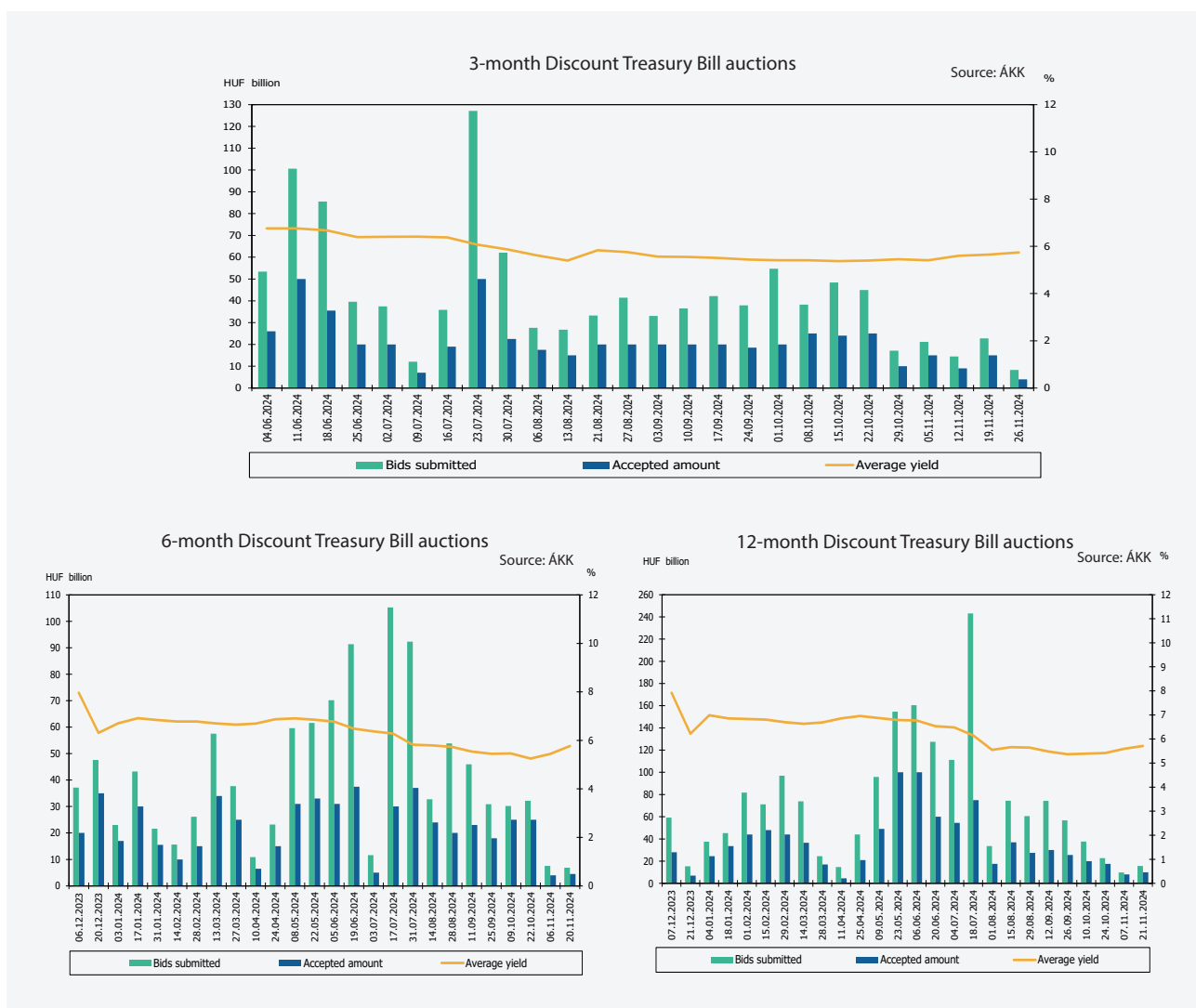


MNB - National Bank of Hungary

DISCOUNT TREASURY BILL AUCTION RESULTS

	3-month Discount T-bills				6-month Discount T-bills		12-month Discount T-bills	
Code of T-bills	D250219	D250319	D250319	D250319	D250625	D250625	D251029	D251029
ISIN code	HU0000525076	HU0000525050	HU0000525050	HU0000525050	HU0000525092	HU0000525092	HU0000525118	HU0000525118
Maturity in days	98	119	112	105	224	210	350	336
Date of auction	05.11.2024	12.11.2024	19.11.2024	26.11.2024	06.11.2024	20.11.2024	07.11.2024	21.11.2024
Date of financial settlement	13.11.2024	20.11.2024	27.11.2024	04.12.2024	13.11.2024	27.11.2024	13.11.2024	27.11.2024
Redemption date	19.02.2025	19.03.2025	19.03.2025	19.03.2025	25.06.2025	25.06.2025	29.10.2025	29.10.2025
Maximum yield (%) - ISMA	5.47	5.79	5.72	5.80	5.57	5.85	5.70	5.79
Minimum yield (%) - ISMA	5.30	5.35	5.50	5.60	5.30	5.70	5.35	5.50
Average yield (%) - ISMA	5.41	5.60	5.65	5.74	5.44	5.77	5.59	5.71
Maximum yield (%) - EHM	5.55	5.87	5.80	5.88	5.65	5.93	5.78	5.87
Minimum yield (%) - EHM	5.37	5.42	5.58	5.68	5.37	5.78	5.42	5.58
Average yield (%) - EHM	5.48	5.68	5.73	5.82	5.52	5.85	5.67	5.79
Average selling price (%)	98.5497	98.1815	98.2733	98.3536	96.7249	96.7413	94.8434	94.9404
Amount offered for sale (HUF million)	20,000.00	15,000.00	15,000.00	15,000.00	20,000.00	15,000.00	20,000.00	15,000.00
Amount of bids submitted (HUF million)	21,164.49	14,483.28	22,748.45	8,298.00	7,543.97	6,865.59	9,829.66	15,606.03
Amount of bids accepted (HUF million)	14,999.99	9,000.00	15,000.00	4,000.00	4,000.00	4,500.00	8,000.00	9,999.99
Bid-to-cover ratio	1.41	1.61	1.52	2.07	1.89	1.53	1.23	1.56
Bids submitted (pcs)	97	42	42	35	48	30	36	42
Bids accepted (pcs)	91	37	31	28	42	23	33	33
Market sales (HUF million)	14,999.99	9,000.00	15,000.00	4,000.00	4,000.00	4,500.00	8,000.00	9,999.99
Retained on ÁKK's own account (HUF million)	30,000.01	30,000.00	44,000.00	-	5,000.00	10,000.00	24,000.00	30,000.01
Total amount issued (HUF million)	45,000.00	39,000.00	59,000.00	4,000.00	9,000.00	14,500.00	32,000.00	40,000.00

Source: ÁKK

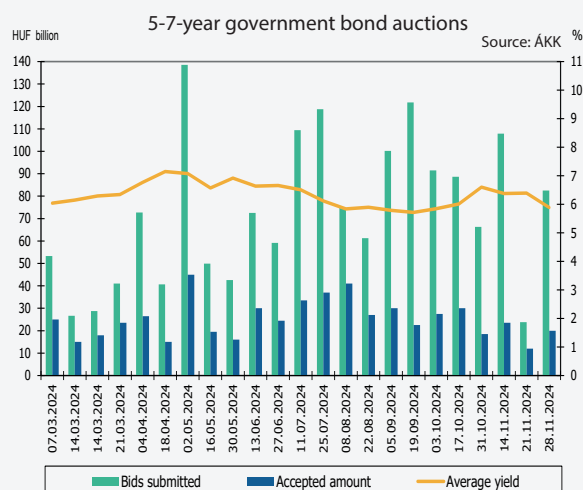
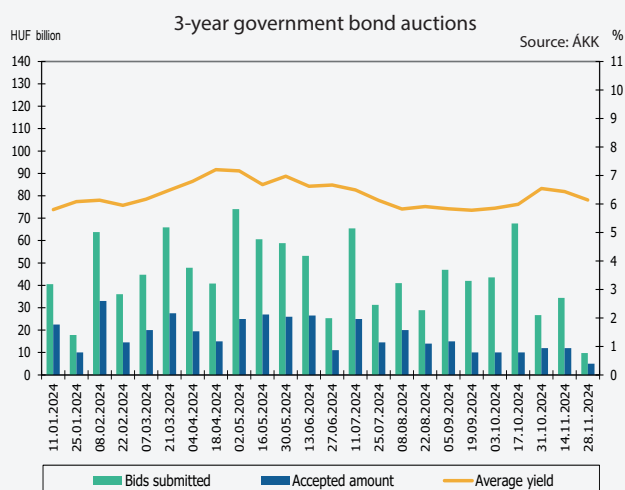


GOVERNMENT BOND AUCTION RESULTS

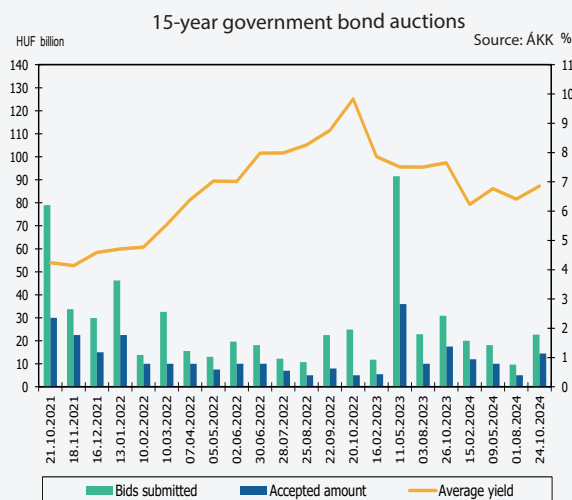
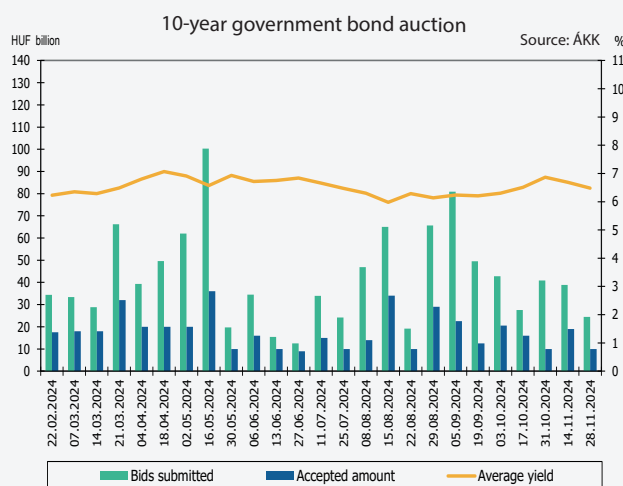
Government Bond	2032/B	2028/B	2029/A	2035/A
ISIN code	HU0000406087	HU0000405543	HU0000404603	HU0000406624
Maturity (in years)	7	3	5	10
Coupon	6.54%	4.50%	2.00%	7.00%
Auction	29th auction	23rd auction	88th auction	32nd auction
Date of auction	07.11.2024	14.11.2024	14.11.2024	14.11.2024
Date of financial settlement	13.11.2024	20.11.2024	20.11.2024	20.11.2024
Redemption date	25.08.2032	23.03.2028	23.05.2029	24.10.2035
Maximum annual yield (%) - ISMA	-	6.45	6.39	6.71
Minimum annual yield (%) - ISMA	-	6.42	6.37	6.67
Average annual yield (%) - ISMA	-	6.43	6.38	6.69
Maximum annual yield (%) - EHM	-	6.44	6.39	6.71
Minimum annual yield (%) - EHM	-	6.41	6.36	6.67
Average annual yield (%) - EHM	-	6.42	6.38	6.69
Maximum price (%)	100.5500	94.3612	83.3369	102.4888
Minimum price (%)	100.4000	94.2868	83.2590	102.1808
Average price (%)	100.4400	94.3437	83.2789	102.2965
Amount offered for sale (HUF million)	10,000.00	12,000.00	12,000.00	12,000.00
Amount of bids submitted (HUF million)	45,943.56	34,350.00	107,850.00	38,880.10
Amount of bids accepted (HUF million)	28,499.97	12,000.00	23,500.00	18,999.98
Bid-to-cover ratio	1.61	2.86	4.59	2.05
Bids submitted (pcs)	42	35	59	52
Bids accepted (pcs)	18	15	17	27
Tail (%) (average price - minimum price)	0.04	0.06	0.02	0.12
Market sales (HUF million)	28,499.97	12,000.00	23,500.00	18,999.98
Non-competitive offer (HUF million)	3,244.56	1,740.00	8,840.00	5,889.74
Total amount sales (HUF million)	31,744.53	13,740.00	32,340.00	24,889.72

Government Bond	2032/G	2028/B	2029/A	2035/A
ISIN code	HU0000405535	HU0000405543	HU0000404603	HU0000406624
Maturity (in years)	7	3	5	10
Coupon	4.50%	4.50%	2.00%	7.00%
Auction	18th auction	24th auction	89th auction	33rd auction
Date of auction	21.11.2024	28.11.2024	28.11.2024	28.11.2024
Date of financial settlement	27.11.2024	04.12.2024	04.12.2024	04.12.2024
Redemption date	27.05.2032	23.03.2028	23.05.2029	24.10.2035
Maximum annual yield (%) - ISMA	6.41	6.15	5.90	6.49
Minimum annual yield (%) - ISMA	6.37	6.13	5.87	6.44
Average annual yield (%) - ISMA	6.39	6.14	5.89	6.48
Maximum annual yield (%) - EHM	6.40	6.15	5.90	6.49
Minimum annual yield (%) - EHM	6.37	6.13	5.87	6.44
Average annual yield (%) - EHM	6.39	6.13	5.89	6.47
Maximum price (%)	89.0885	95.2335	85.1600	104.2665
Minimum price (%)	88.8820	95.1772	85.0389	103.8745
Average price (%)	88.9776	95.2097	85.0836	103.9862
Amount offered for sale (HUF million)	12,000.00	5,000.00	20,000.00	10,000.00
Amount of bids submitted (HUF million)	23,800.00	9,730.00	82,550.00	24,450.00
Amount of bids accepted (HUF million)	12,000.00	5,000.00	20,000.00	10,000.00
Bid-to-cover ratio	1.98	1.95	4.13	2.45
Bids submitted (pcs)	39	12	41	44
Bids accepted (pcs)	21	10	11	25
Tail (%) (average price - minimum price)	0.10	0.03	0.04	0.11
Market sales (HUF million)	12,000.00	5,000.00	20,000.00	10,000.00
Non-competitive offer (HUF million)	0.00	0.00	7,680.00	0.00
Total amount sales (HUF million)	12,000.00	5,000.00	27,680.00	10,000.00

Source: ÁKK



The graph shows the yield on fixed-rate bonds.



GOVERNMENT SECURITIES BUY-BACK AUCTION RESULTS

Government bond	2025/B	2025/C	2025/B	2025/C
ISIN code	HU0000402748	HU0000404058	HU0000402748	HU0000404058
Coupon (%)	5.50	1.00	5.50	1.00
Date of reverse auction	13.11.2024	13.11.2024	27.11.2024	27.11.2024
Date of financial settlement	20.11.2024	20.11.2024	04.12.2024	04.12.2024
Redemption date	24.06.2025	26.11.2025	24.06.2025	26.11.2025
Minimum annual yield (%)	5.45	5.43	5.51	5.32
Average annual yield- ISMA (%)	5.47	5.45	5.54	5.32
Average annual yield - EHM (%)	5.41	5.45	5.47	5.32
Amount of bids submitted (HUF million)	19,081.92	8,980.48	28,916.80	19,156.81
Amount of bids accepted (HUF million)	15,642.08	8,980.48	18,916.80	6,756.81

Source: ÁKK

INTEREST RATE RESETS OF FLOATING RATE GOVERNMENT BONDS IN NOVEMBER 2024

Government bond	Date of interest rate reset	Interest period		Date of interest payment	Reset interest rate	Interest payable
2027/N	20.11.2024	26.11.2024	26.02.2025	26.02.2025	7.03%	1.80%
2028/P	11.11.2024	15.11.2024	25.02.2025	25.02.2025	6.90%	1.96%
2029/B	19.11.2024	22.11.2024	22.02.2025	24.02.2025	6.50%	1.66%
2032/B	20.11.2024	25.11.2024	25.02.2025	25.02.2025	6.50%	1.66%
2032/S	28.11.2024	02.12.2024	02.12.2025	02.12.2025	20.60%	20.60%

Source: ÁKK

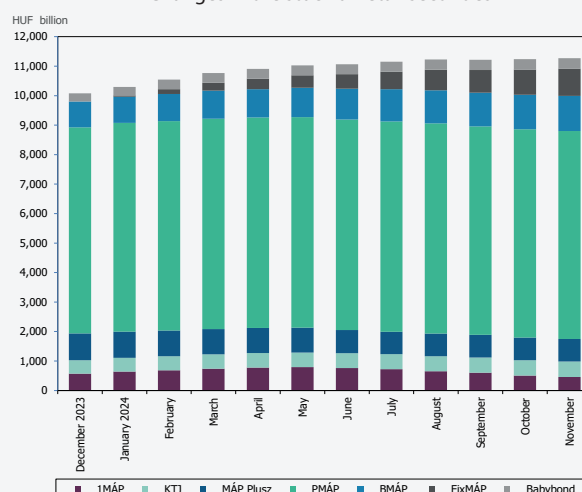
OUTSTANDING AMOUNT OF RETAIL SECURITIES

Retail securities	HUF billion		
	31.12.2023	30.11.2024	Change
1-year Hungarian Government Security / 1MÁP*	574.0	457.2	-116.8
Treasury Saving Bills / KTJ	453.7	526.7	73.0
Hungarian Government Security Plus / MÁP Plusz	907.3	765.7	-141.6
Premium Hungarian Government Security / PMÁP	6,992.7	7,053.5	60.8
Bonus Hungarian Government Security / BMÁP	873.2	1,186.6	313.3
Fix Hungarian Government Security / FixMÁP	0.0	929.5	929.5
Babybond	276.1	352.6	76.5
Total	10,077.1	11,271.7	1,194.6

Source: ÁKK

* From June 2024 the 1-Year Hungarian Government Security is being phased out.

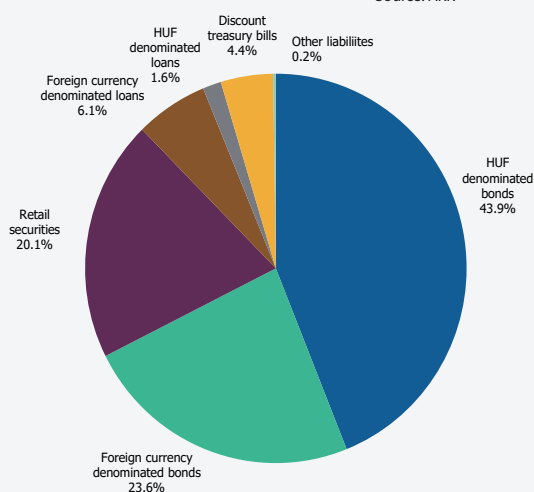
Changes in the stock of retail securities



Source: ÁKK

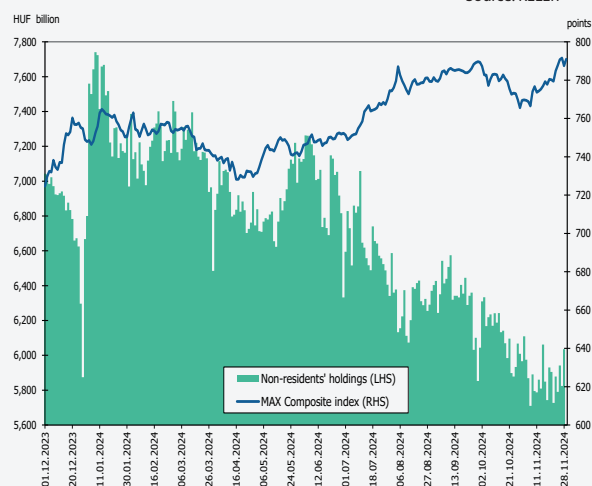
Debt structure at 30.11.2024

Source: ÁKK



Non-residents' holdings of Hungarian government securities and the MAX index

Source: KELER



HUNGARIAN GOVERNMENT SECURITIES INDICES

	MAX index	HMAX index	MAX Composite index	RMAX index	ZMAX index
Value as at 29.11.2024	826.6131	96.5070	790.9166	700.4946	689.6316
Changes compared to the end of the previous month	24.2947	3.9927	21.2316	1.5998	1.4941
Annual yield earned on the index portfolio (%)	9.51	9.76	9.30	8.34	7.27

Source: ÁKK

Government bonds with the highest secondary market turnover in November 2024

Government bond	Date of redemption	Turnover (HUF billion)
2029/A	23.05.2029	544.1
2028/A	22.10.2028	391.9
2035/A	24.10.2035	306.4
2027/A	27.10.2027	258.9
2029/B	22.08.2029	251.7
2034/A	22.06.2034	246.7
2030/A	21.08.2030	235.9
2026/H	21.10.2026	225.5
2032/A	24.11.2032	168.1
2033/A	20.04.2033	159.1

Source: Primary Dealers, ÁKK

The outstanding volume of government bonds with benchmark status at the end of November 2024

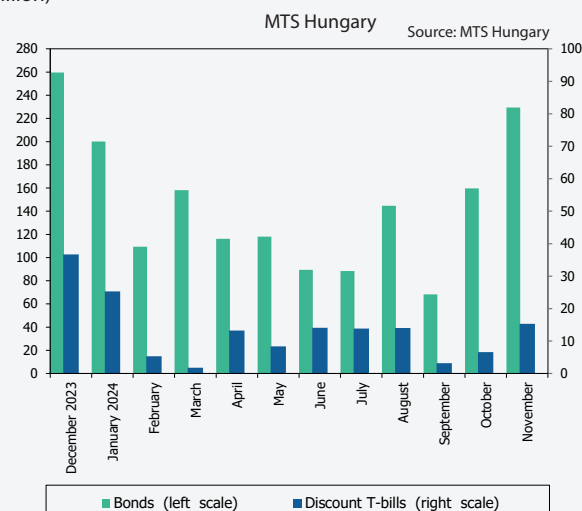
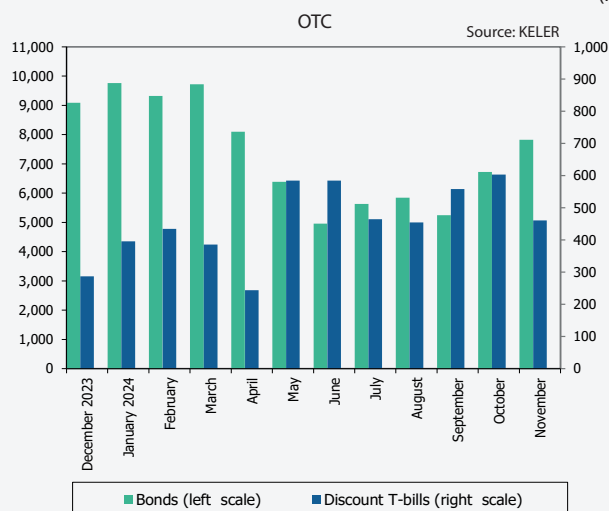
Government bond	HUF billion	
	31.10.2024	30.11.2024
2027/A	1,429.9	1,443.2
2029/A	1,552.9	1,611.0
2035/A	641.0	683.5
2038/A	1,033.8	1,033.9
2041/A	657.1	657.2

Source: ÁKK The outstanding volume of the three largest government bonds at the end of November 2024

Government bond	HUF billion
2028/A	1,960.5
2031/A	1,688.9
2029/A	1,611.0

Source: ÁKK

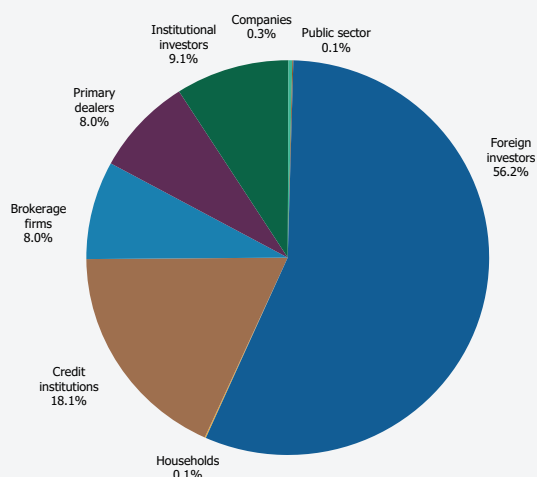
Secondary market trading of Hungarian government securities (HUF billion)



Breakdown of primary dealers' secondary market turnover by investor groups in November 2024

Government Bonds

Source: Primary Dealers, ÁKK



Discount Treasury Bills

Source: Primary Dealers, ÁKK

