



GOVERNMENT DEBT MANAGEMENT AGENCY PTE LTD.

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GOVERNMENT SECURITIES MARKET

QUARTERLY REPORT
Q3 2020



GOVERNMENT SECURITIES

The deficit of the central government amounted to HUF 2,270.3 billion (about EUR 6.2 billion) in 2020. The net financing need was decreased by HUF 742.0 billion of the net balance of transfers from the European Union, the Hungarian National Bank dividend payment and other sources. Thus, the total net financing need amounted to HUF 1,528.3 billion. Net issuance was HUF 3,287.2 billion, out of which net HUF denominated issuance was HUF 2,652.3 billion and net foreign currency denominated issuance was HUF 634.9 billion. The total amount of other liabilities increased by HUF 5.4 billion in 2020.

ÁKK had set up benchmarks to maintain the optimal cost-risk characteristics of public debt. The 90-day moving average values of those benchmarks at the end of Q3 2020 were as follows:

- The share of foreign currency denominated debt within the total debt was 18.5%.
- 100% of the foreign currency debt was denominated in euro.
- The fixed-floating mix of the foreign currency debt portfolio was 80.0%-20.0%.
- The fixed-floating mix of the HUF-denominated debt was 76.8% and 23.2% respectively.
- The average time to refixing (ATR) of the HUF-denominated debt was 3.9 years.
- The average term to maturity (ATM) of the HUF-denominated debt was 4.4 years.

All benchmark targets were met in Q3 2020.

The 3-6-12 month short term and the 3-5-10-15 year long term secondary market yields also increased in Q3. The 3-6 month yields increased by 30-32 basis points and the 12 month yield increased by 58 basis points. The 3-5 year yields increased by 42-53 basis points and the 10 year yield increased by 28 basis points, the 15-20 year yields increased by 8-1 basis points. At the end of September the 1-year benchmark yield stood at 0.81%, the 3-year yield at 1.40% and the 10-year yield at 2.43%. The yield of 20-year government bond was 2.95% at the last day of the quarter.

The liquidity in the secondary market was lower by 18% than in the previous quarter. OTC turnover of government securities in Q3 amounted to HUF 11,821.1 billion. Primary dealers, who account for the decisive part of all secondary government securities trading, made 53% of their secondary government securities deals with non-resident investors.

The volume of non-resident holdings of Hungarian government securities increased by HUF 132.8 billion from end-June and amounted to HUF 4,178.3 billion at the end of September. This amount represented 16.2% of domestic government securities.

The credit rating of the long-term foreign currency denominated debt of Hungary was: BBB (Standard & Poor's); Baa3 (Moody's); BBB (Fitch) as at 30 September 2020. Moody's changed the forint currency outlook from stable to positive on 25 September.

The EUR/HUF exchange rate according to the National Bank of Hungary was 364.65 on the last working day of September.

GOVERNMENT SECURITIES

MACROECONOMIC INDICATORS

	2013	2014	2015	2016	2017	2018	2019	Q1 2020	Q2 2020	Q3 2020
GDP growth (yearly average) ¹	2.0	4.1	3.8	2.1	4.5	5.1	4.9	1.9	-13.6	-4.6
Industrial production ¹	1.1	7.7	7.4	0.9	4.6	3.5	5.4	0.1	-12.8	-9.2
Unemployment rate (%) (3-month average)	10.2	7.7	6.8	5.1	4.2	3.7	3.4	3.7	4.6	4.4
Consumer price index (yearly change) ²	0.4	-0.9	0.9	1.8	2.1	2.7	4.0	4.3	3.4	3.5
Consumer price index (yearly average)	1.7	-0.2	-0.1	0.4	2.4	2.8	3.4			
Producer price index (yearly change) ²	0.5	0.1	-1.3	0.5	3.9	4.7	0.3	4.0	3.4	3.6
Producer price index (yearly average)	0.7	-0.4	-0.9	-1.7	3.3	5.5	2.1			
Net lending position of households (HUF Bn) ³	1,479.5	1,796.5	2,789.0	1,709.7	1,984.0	2,624.0	2,301.6	628.3	767.0	431.5
Current account of balance of payments (EUR M)	3,570.1	1,260.2	2,648.1	5,209.3	2,936.8	-20.9	-1,216.0	316.6	-847.2	
Net direct investments (EUR M) ⁴	-1,232.2	-3,078.5	-1,438.3	-2,562.6	-2,043.7	-2,780.8	-1,555.7	-565.5	-269.2	
Balance of the central government budget (HUF Bn) ⁵	-979.8	-837.1	-1,195.9	-747.0	-1,763.0	-1,375.5	-1,023.8	-746.7	-1,534.3	-1,749.9
Balance of the central government budget (GFS, per cent of GDP) ⁵	-3.2	-2.6	-3.4	-2.1	-4.5	-3.2	-2.2	-6.2	-14.1	
Balance of the state budget (ESA, percent of GDP) ⁵	-2.6	-2.8	-2.0	-1.8	-2.5	-2.1	-2.0	-1.9	-9.1	
Central government gross debt (HUF Bn)	21,998.6	23,881.1	24,699.7	25,430.0	26,746.2	28,688.2	29,682.0	30,386.8	31,853.3	33,494.7
Central government gross debt (per cent of GDP)	72.6	72.9	70.7	70.3	68.2	66.2	62.5	63.1	67.5	
Net foreign debt (EUR M) ⁶	37,287.1	34,486.9	27,282.6	21,877.7	17,198.2	11,875.7	11,702.4	9,190.4	11,257.1	
Net foreign debt (per cent of GDP)	36.6	32.6	24.3	19.0	13.7	8.9	8.1			
HUF/USD mid exchange rate at the end of period	215.67	259.13	286.63	293.69	258.82	280.94	294.74	327.07	317.83	311.40
HUF/EUR mid exchange rate at the end of period	296.91	314.89	313.12	311.02	310.14	321.51	330.52	359.09	356.57	364.65

¹ Same period of previous year = 100%, working day adjusted

² In case of yearly data: December/previous December, otherwise month/same month of the previous year

³ Non-consolidated data

⁴ Including intercompany loans

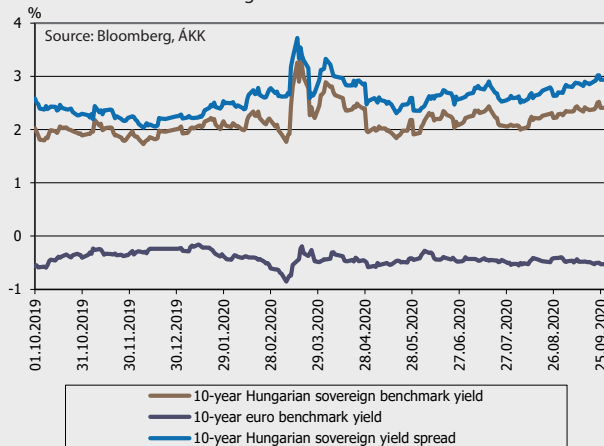
⁵ Excluding privatisation proceeds

⁶ Excluding intercompany loans

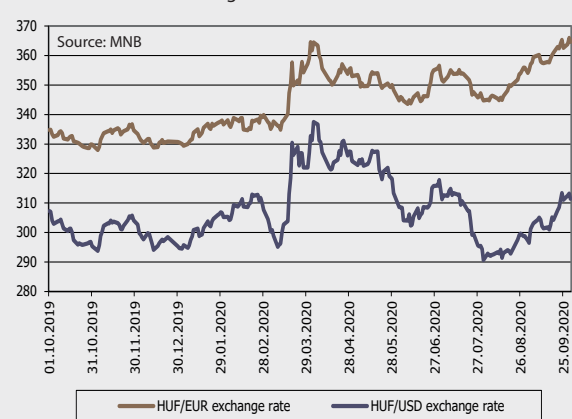
*Proportion of seasonally adjusted GDP

Source: KSH, MNB, PM, ÁKK

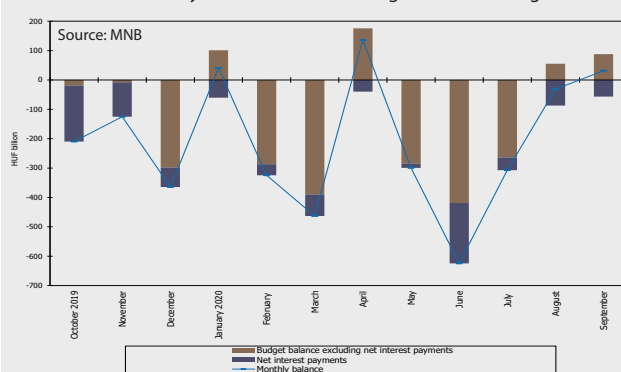
10-year Hungarian and eurozone benchmark yields during the last twelve months



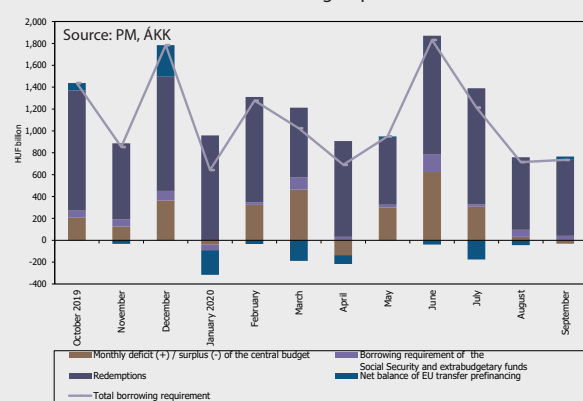
The exchange rate of the Hungarian Forint during the last twelve months



Monthly balance of the central government budget



Gross borrowing requirement



GOVERNMENT SECURITIES

CENTRAL GOVERNMENT GROSS DEBT

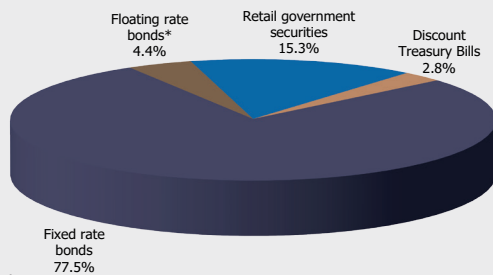
HUF BILLION

	2013	2014	2015	2016	2017	2018	2019	Q1 2020	Q2 2020	Q3 2020
1. Forint denominated debt	12,976.4	14,612.0	16,207.9	18,430.9	20,689.4	22,796.0	24,357.1	25,275.0	25,559.2	27,009.3
1.1. Loans	603.6	623.3	694.1	865.0	1,041.1	1,167.7	1,208.1	1,161.6	1,161.6	1,161.6
1.2. Government securities	12,372.8	13,988.7	15,513.8	17,565.8	19,648.3	21,628.3	23,149.0	24,113.4	24,397.6	25,847.7
1.2.1. Public issues	12,182.3	13,847.7	15,462.3	17,526.7	19,609.2	21,589.1	23,109.8	24,074.3	24,358.4	25,808.6
1.2.1.1. Bonds	8,588.8	9,848.0	11,043.4	11,562.4	11,767.1	12,836.1	13,378.5	14,090.6	14,668.8	16,285.5
1.2.1.1.2. Discount T-bills	1,904.9	1,588.6	901.6	896.4	1,039.2	1,237.3	657.3	880.1	824.7	726.8
1.2.1.3. Retail securities	1,688.5	2,411.1	3,517.4	5,067.9	6,802.9	7,515.7	9,074.0	9,103.6	8,864.9	8,796.2
1.2.2. Private placements	190.5	141.0	51.5	39.2	39.2	39.2	39.2	39.2	39.2	39.2
2. Foreign currency denominated debt*	8,904.9	8,957.9	7,735.8	6,256.5	5,782.5	5,724.8	5,121.2	4,786.1	6,042.5	6,276.3
2.1. Loans	2,735.6	2,164.3	1,696.8	1,101.6	929.1	795.0	825.4	899.4	966.6	1,033.5
2.1.1. Foreign loans	2,400.2	1,889.9	1,614.2	1,097.6	929.1	795.0	825.4	899.4	966.6	1,033.5
2.1.2. Domestic loans	335.4	274.4	82.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2. Government securities	6,169.3	6,793.6	6,039.0	5,154.9	4,853.5	4,929.8	4,295.8	3,886.7	5,075.9	5,242.8
2.2.1. Issued abroad	5,736.9	5,844.6	5,198.9	4,618.9	4,145.9	4,246.2	3,713.5	3,243.4	4,432.8	4,586.4
2.2.2. Issued domestically	432.5	948.9	840.1	536.0	707.6	683.6	582.3	643.3	643.1	656.4
Total	21,881.4	23,569.9	23,943.7	24,687.4	26,472.0	28,520.7	29,478.3	30,061.2	31,601.7	33,285.6
Other liabilities	117.3	311.2	756.0	742.7	274.2	167.4	203.7	325.7	251.5	209.1
Total central government debt	21,998.6	23,881.1	24,699.7	25,430.0	26,746.2	28,688.2	29,682.0	30,386.8	31,853.3	33,494.7
Marketable HUF debt (1.2.1.1+1.2.1.2+1.2.2)	10,684.2	11,577.6	11,996.5	12,498.0	12,845.5	14,112.6	14,075.0	15,009.9	15,532.7	17,051.5
Gross debt/GDP	72.6%	72.9%	70.7%	70.3%	68.2%	66.2%	62.5%	63.1%**	67.5%**	

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

** Taking into account of the rolling GDP current data.

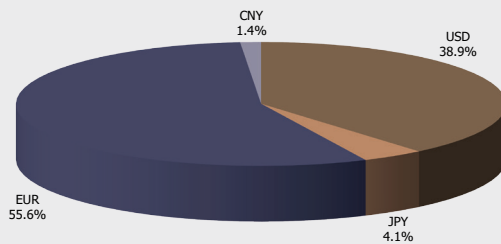
Composition of HUF government securities as at 30.09.2020



Source: ÁKK

* Without retail government securities.

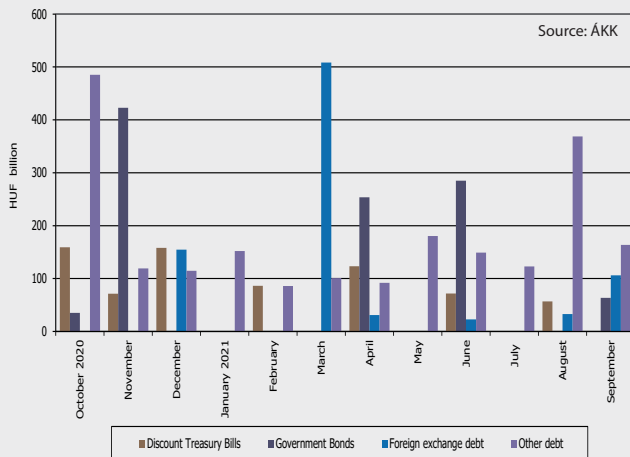
Currency composition of the foreign exchange debt portfolio before swaps as at 30.09.2020*



Source: ÁKK

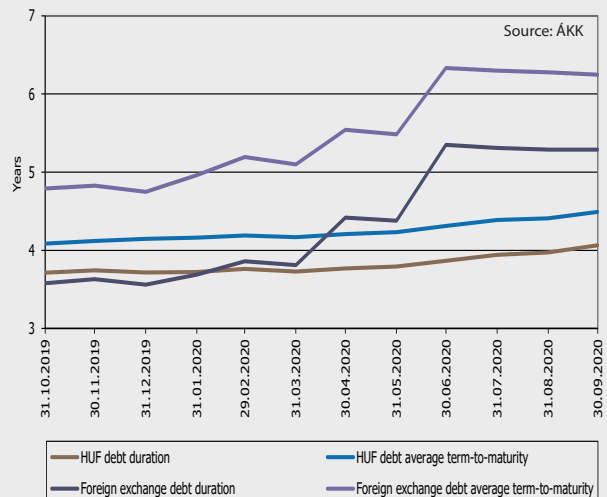
* Composition before swaps. By using cross-currency swaps, 100% of the actual foreign exchange debt of the central government was due in euros.

Maturity profile of the central government gross debt over the next 12 months, as at 30.09.2020



Source: ÁKK

Average term-to-maturity of the HUF and foreign currency debt portfolios



Source: ÁKK

GOVERNMENT SECURITIES

GOVERNMENT BOND AUCTION RESULTS

Government Bond	2023/C	2025/C	2030/A	2027/B	2023/C	2025/C	2041/A	2023/C	2025/C	2030/A	2027/B	2023/C	2025/C	2023/C
ISIN code	HU0000404280	HU0000404058	HU0000403696	HU0000404157	HU0000404280	HU0000404058	HU0000404165	HU0000404280	HU0000404058	HU0000403696	HU0000404157	HU0000404280	HU0000404058	HU0000404280
Maturity (in years)	3	5	10	7	3	5	20	3	5	10	7	3	5	3
Coupon	1.50%	1.00%	3.00%	0.16%	1.50%	1.00%	3.00%	1.50%	1.00%	3.00%	0.16%	1.50%	1.00%	1.50%
Auction	13th auction	23rd auction	33rd auction	9th auction	14th auction	24th auction	5th auction	15th auction	25th auction	34th auction	10th auction	16th auction	26th auction	17th auction
Date of auction	02.07.2020	02.07.2020	02.07.2020	08.07.2020	09.07.2020	09.07.2020	09.07.2020	16.07.2020	16.07.2020	16.07.2020	22.07.2020	23.07.2020	23.07.2020	30.07.2020
Date of financial settlement	08.07.2020	08.07.2020	08.07.2020	15.07.2020	15.07.2020	15.07.2020	15.07.2020	22.07.2020	22.07.2020	22.07.2020	29.07.2020	29.07.2020	29.07.2020	05.08.2020
Redemption date	23.08.2023	26.11.2025	21.08.2030	22.04.2027	23.08.2023	26.11.2025	25.04.2041	23.08.2023	26.11.2025	21.08.2030	22.04.2027	23.08.2023	26.11.2025	23.08.2023
Maximum annual yield (%) - ISMA	0.98	1.34	2.25	-	1.01	1.36	3.20	1.03	1.44	2.43	-	0.94	1.22	0.95
Minimum annual yield (%) - ISMA	0.95	1.25	2.10	-	0.95	1.33	3.15	1.00	1.40	2.40	-	0.92	1.18	0.91
Average annual yield (%) - ISMA	0.97	1.30	2.22	-	0.99	1.35	3.18	1.02	1.42	2.42	-	0.93	1.21	0.94
Maximum annual yield (%) - EHM	0.98	1.34	2.25	-	1.01	1.36	3.20	1.03	1.44	2.43	-	0.94	1.22	0.95
Minimum annual yield (%) - EHM	0.95	1.25	2.10	-	0.95	1.33	3.15	1.00	1.40	2.40	-	0.92	1.18	0.91
Average annual yield (%) - EHM	0.97	1.30	2.22	-	0.99	1.35	3.18	1.02	1.42	2.42	-	0.93	1.21	0.94
Maximum price (%)	101.6838	98.7085	108.1258	96.2500	101.6733	98.3060	97.7200	101.5105	97.9557	105.3146	96.4500	101.7442	99.0803	101.7637
Minimum price (%)	101.5911	98.2474	106.7174	96.0100	101.4887	98.1263	96.9800	101.4186	97.7537	105.0403	96.3000	101.6757	98.8747	101.6427
Average price (%)	101.6268	98.4419	106.9527	96.1000	101.5349	98.1924	97.2799	101.4511	97.8295	105.1516	96.3600	101.7001	98.9310	101.6720
Amount offered for sale (HUF million)	20,000.00	35,000.00	20,000.00	10,000.00	20,000.00	35,000.00	10,000.00	20,000.00	35,000.00	15,000.00	15,000.00	20,000.00	35,000.00	20,000.00
Amount of bids submitted (HUF million)	41,503.00	76,456.00	38,336.00	38,310.00	39,070.00	110,482.37	9,275.00	38,855.00	63,570.00	44,580.00	59,200.00	43,781.05	95,950.00	44,291.30
Amount of bids accepted (HUF million)	20,000.00	52,500.00	29,999.96	14,999.97	19,999.97	52,500.00	5,000.00	19,999.97	45,999.97	22,499.97	22,499.98	20,000.00	52,499.98	19,999.97
Bid-to-cover ratio	2.08	1.46	1.28	2.55	1.95	2.10	1.86	1.94	1.38	1.98	2.63	2.19	1.83	2.21
Bids submitted (pcs)	39	47	49	65	47	70	30	33	45	47	57	39	65	46
Bids accepted (pcs)	21	38	42	44	28	29	20	21	33	26	19	19	33	27
Tail (average price - minimum price)	0.04	0.19	0.24	0.09	0.05	0.07	0.32	0.03	0.08	0.11	0.06	0.02	0.06	0.03
Market sales (HUF million)	20,000.00	52,500.00	29,999.96	14,999.97	19,999.97	52,500.00	5,000.00	19,999.97	45,999.97	22,499.97	22,499.98	20,000.00	52,499.98	19,999.97
Non-competitive offer (HUF million)	6,000.00	12,180.00	6,710.27	5,819.77	3,363.79	20,609.05	0.00	5,118.59	16,831.37	8,161.76	8,759.98	6,687.58	16,876.46	3,798.41
Total amount sales (HUF million)	26,000.00	64,680.00	36,710.23	20,819.74	23,363.76	73,109.05	5,000.00	25,118.56	62,831.34	30,661.73	31,259.96	26,687.58	69,376.44	23,798.38

Government Bond	2025/C	2030/A	2027/B	2023/C	2025/C	2038/A	2023/C	2025/C	2030/A	2023/C	2025/C	2038/A	2023/C	2026/E	2031/A
ISIN code	HU0000404058	HU0000403696	HU0000404157	HU0000404280	HU0000404058	HU0000403555	HU0000404280	HU0000404058	HU0000403696	HU0000404280	HU0000404058	HU0000403555	HU0000404280	HU0000404611	HU0000403001
Maturity (in years)	5	10	7	3	5	15	3	5	10	3	5	15	3	5	10
Coupon	1.00%	3.00%	0.16%	1.50%	1.00%	3.00%	1.50%	1.00%	3.00%	1.50%	1.00%	3.00%	1.50%	1.50%	3.25%
Auction	27th auction	35th auction	11th auction	18th auction	28th auction	20th auction	19th auction	29th auction	36th auction	20th auction	30th auction	21st auction	21st auction	1st auction	31st auction
Date of auction	30.07.2020	30.07.2020	05.08.2020	06.08.2020	06.08.2020	06.08.2020	13.08.2020	13.08.2020	13.08.2020	19.08.2020	19.08.2020	19.08.2020	27.08.2020	27.08.2020	27.08.2020
Date of financial settlement	05.08.2020	05.08.2020	12.08.2020	12.08.2020	12.08.2020	12.08.2020	19.08.2020	19.08.2020	19.08.2020	26.08.2020	26.08.2020	26.08.2020	02.09.2020	02.09.2020	02.09.2020
Redemption date	26.11.2025	21.08.2030	22.04.2027	23.08.2023	26.11.2025	27.10.2038	23.08.2023	26.11.2025	21.08.2030	23.08.2023	26.11.2025	21.08.2030	23.08.2023	22.04.2026	22.10.2031
Maximum annual yield (%) - ISMA	1.25	2.09	-	0.96	1.30	2.64	1.02	1.49	2.20	1.11	1.58	2.90	1.11	1.66	2.26
Minimum annual yield (%) - ISMA	1.20	2.08	-	0.92	1.26	2.59	1.00	1.46	2.17	1.08	1.52	2.86	1.08	1.59	2.23
Average annual yield (%) - ISMA	1.23	2.08	-	0.94	1.29	2.63	1.01	1.48	2.18	1.10	1.55	2.88	1.10	1.63	2.24
Maximum annual yield (%) - EHM	1.25	2.10	-	0.96	1.30	2.64	1.02	1.49	2.20	1.11	1.58	2.90	1.11	1.66	2.26
Minimum annual yield (%) - EHM	1.20	2.08	-	0.92	1.26	2.59	1.00	1.46	2.17	1.08	1.52	2.86	1.08	1.59	2.23
Average annual yield (%) - EHM	1.24	2.08	-	0.94	1.29	2.63	1.01	1.48	2.18	1.10	1.55	2.88	1.10	1.63	2.24
Maximum price (%)	98.9802	108.2650	96.5000	101.7226	98.6805	105.8861	101.4598	97.6866	107.3800	101.2403	97.3982	101.9703	101.2220	99.5188	109.9703
Minimum price (%)	98.7265	108.1194	96.3300	101.6103	98.4789	105.1081	101.3999	97.5367	107.0990	101.1419	97.1100	101.3205	101.1267	99.1503	109.6480
Average price (%)	98.7994	108.2184	96.4000	101.6539	98.5489	105.3419	101.4253	97.5785	107.2867	101.1850	97.2573	101.7163	101.1546	99.3067	109.8208
Amount offered for sale (HUF million)	30,000.00	20,000.00	10,000.00	20,000.00	30,000.00	15,000.00	20,000.00	30,000.00	20,000.00	20,000.00	30,000.00	10,000.00	20,000.00	30,000.00	20,000.00
Amount of bids submitted (HUF million)	56,236.00	49,800.00	18,552.00	59,953.00	86,395.00	29,001.00	51,705.00	82,140.00	40,318.00	27,110.00	53,370.00	10,270.00	41,470.00	60,415.00	60,590.00
Amount of bids accepted (HUF million)	39,999.98	30,000.00	9,999.99	20,000.00	44,999.98	22,000.00	19,999.97	44,000.00	29,000.00	20,000.00	45,000.00	8,000.00	20,000.00	45,000.00	30,000.00
Bid-to-cover ratio	1.41	1.66	1.86	3.00	1.92	1.32	2.59	1.87	1.39	1.36	1.19	1.28	2.07	1.34	2.02
Bids submitted (pcs)	50	39	37	52	67	46	41	66	45	26	43	15	39	49	51
Bids accepted (pcs)	37	19	26	19	43	39	24	37	32	23	38	14	21	38	21
Tail (average price - minimum price)	0.07	0.10	0.07	0.04	0.07	0.23	0.03	0.04	0.19	0.04	0.15	0.40	0.03	0.16	0.17
Market sales (HUF million)	39,999.98	30,000.00	9,999.99	20,000.00	44,999.98	22,000.00	19,999.97	44,000.00	29,000.00	20,000.00	45,000.00	8,000.00	20,000.00	45,000.00	30,000.00
Non-competitive offer (HUF million)	6,735.82	6,400.00	2,319.99	3,120.00	13,980.74	4,539.60	4,219.31	16,473.00	3,327.20	6,236.00	4,600.00	0.00	2,480.00	400.00	6,189.00
Total amount sales (HUF million)	46,735.80	36,400.00	12,319.98	23,120.00	58,980.72	26,539.60	24,219.28	60,473.00	32,327.20	26,236.00	49,600.00	8,000.00	22,480.00	45,400.00	36,189.00

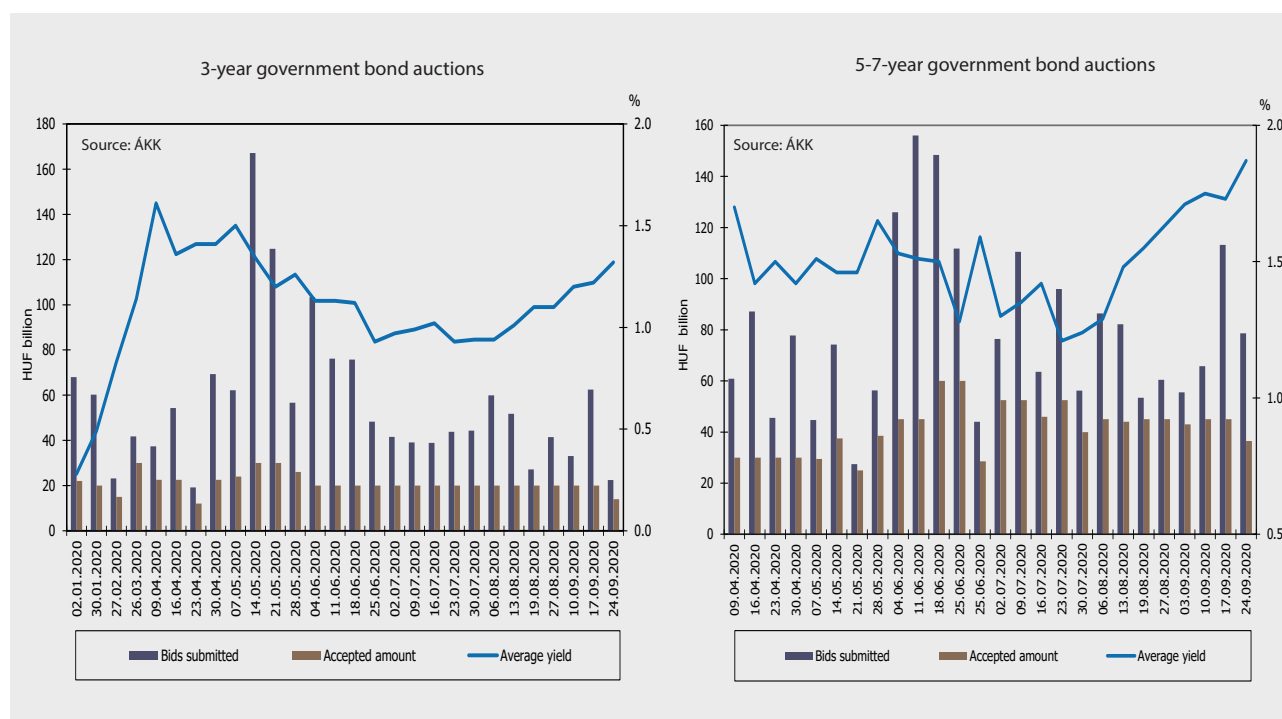
Source: ÁKK

GOVERNMENT SECURITIES

GOVERNMENT BOND AUCTION RESULTS

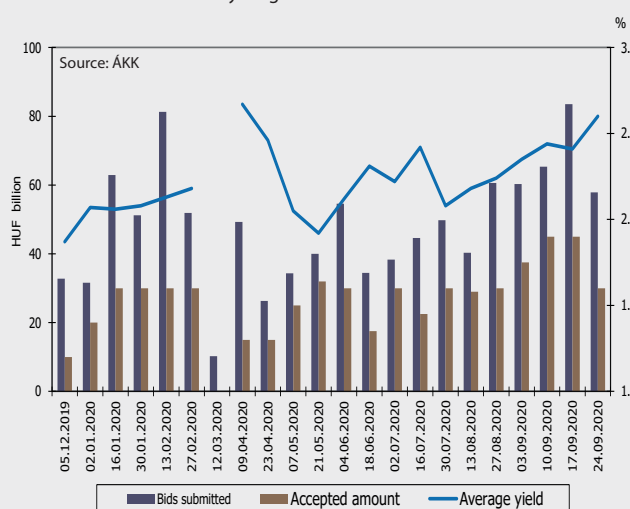
Government Bond	2027/B	2026/E	2031/A	2038/A	2023/C	2026/E	2031/A	2027/B	2023/C	2026/E	2031/A	2023/C	2026/E	2031/A	2027/B
ISIN code	HU0000404157	HU0000404611	HU0000403001	HU0000403555	HU0000404280	HU0000404611	HU0000403001	HU0000404157	HU0000404280	HU0000404611	HU0000403001	HU0000404280	HU0000404611	HU0000403001	HU0000404157
Maturity (in years)	7	5	10	15	3	5	10	7	3	5	10	3	5	10	7
Coupon	0.16%	1.50%	3.25%	3.00%	1.50%	1.50%	3.25%	0.16%	1.50%	1.50%	3.25%	1.50%	1.50%	3.25%	0.16%
Auction	12th auction	2nd auction	32nd auction	22nd auction	22nd auction	3rd auction	33rd auction	13th auction	23rd auction	4th auction	34th auction	24th auction	5th auction	35th auction	14th auction
Date of auction	02.09.2020	03.09.2020	03.09.2020	03.09.2020	10.09.2020	10.09.2020	10.09.2020	16.09.2020	17.09.2020	17.09.2020	17.09.2020	24.09.2020	24.09.2020	24.09.2020	30.09.2020
Date of financial settlement	09.09.2020	09.09.2020	09.09.2020	09.09.2020	16.09.2020	16.09.2020	16.09.2020	23.09.2020	23.09.2020	23.09.2020	23.09.2020	30.09.2020	30.09.2020	30.09.2020	07.10.2020
Redemption date	22.04.2027	22.04.2026	22.10.2031	27.10.2038	23.08.2023	22.04.2026	22.10.2031	22.04.2027	23.08.2023	22.04.2026	22.10.2031	23.08.2023	22.04.2026	22.10.2031	22.04.2027
Maximum annual yield (%) - ISMA	-	1.73	2.36	2.77	1.21	1.77	2.46	-	1.23	1.75	2.42	1.34	1.89	2.61	-
Minimum annual yield (%) - ISMA	-	1.68	2.31	2.70	1.16	1.72	2.42	-	1.22	1.71	2.39	1.28	1.83	2.57	-
Average annual yield (%) - ISMA	-	1.71	2.35	2.75	1.20	1.75	2.44	-	1.22	1.73	2.41	1.32	1.87	2.60	-
Maximum annual yield (%) - EHM	-	1.73	2.36	2.77	1.21	1.77	2.46	-	1.23	1.75	2.41	1.34	1.89	2.61	-
Minimum annual yield (%) - EHM	-	1.68	2.31	2.70	1.16	1.72	2.42	-	1.22	1.71	2.39	1.28	1.83	2.57	-
Average annual yield (%) - EHM	-	1.71	2.35	2.75	1.20	1.75	2.44	-	1.22	1.72	2.40	1.32	1.87	2.60	-
Maximum price (%)	96.6100	99.0421	109.1204	104.2703	100.9748	98.8356	107.9914	96.4700	100.8055	98.9000	108.3003	100.6206	98.2695	106.4903	96.6300
Minimum price (%)	96.4000	98.7783	108.6111	103.2391	100.8307	98.5723	107.5883	96.3100	100.7700	98.6822	108.0298	100.4373	97.9591	106.0784	96.3800
Average price (%)	96.4700	98.8987	108.7262	103.5319	100.8691	98.6790	107.7422	96.3300	100.7988	98.8115	108.1228	100.5068	98.0531	106.2035	96.4400
Amount offered for sale (HUF million)	15,000.00	30,000.00	25,000.00	20,000.00	20,000.00	30,000.00	30,000.00	15,000.00	20,000.00	30,000.00	30,000.00	20,000.00	30,000.00	30,000.00	15,000.00
Amount of bids submitted (HUF million)	43,237.00	55,524.00	60,278.07	32,910.40	33,096.00	65,800.00	65,370.00	20,865.00	62,490.00	113,210.00	83,500.00	22,480.00	78,645.00	57,895.00	47,950.00
Amount of bids accepted (HUF million)	22,500.00	42,999.97	37,500.00	30,000.00	20,000.00	44,999.96	44,999.97	16,500.00	19,999.99	45,000.00	45,000.00	14,000.00	36,500.00	30,000.00	22,499.99
Bid-to-cover ratio	1.92	1.29	1.61	1.10	1.65	1.46	1.45	1.26	3.12	2.52	1.86	1.61	2.15	1.93	2.13
Bids submitted (pcs)	57	52	62	33	38	70	80	28	37	63	68	29	81	63	36
Bids accepted (pcs)	36	37	40	28	27	51	50	15	8	23	30	17	37	35	12
Tail (average price - minimum price)	0.07	0.12	0.12	0.29	0.04	0.11	0.15	0.02	0.03	0.13	0.09	0.07	0.09	0.13	0.06
Market sales (HUF million)	22,500.00	42,999.97	37,500.00	30,000.00	20,000.00	44,999.96	44,999.97	16,500.00	19,999.99	45,000.00	45,000.00	14,000.00	36,500.00	30,000.00	22,499.99
Non-competitive offer (HUF million)	7,527.20	11,428.67	5,798.07	2,994.16	3,020.00	14,553.37	6,962.58	6,254.00	6,500.00	17,360.00	17,310.00	0.00	12,680.00	10,798.00	8,146.66
Total amount sales (HUF million)	30,027.20	54,428.64	43,298.07	32,994.16	23,020.00	59,553.33	51,962.55	22,754.00	26,499.99	62,360.00	62,310.00	14,000.00	49,180.00	40,798.00	30,646.65

Source: ÁKK

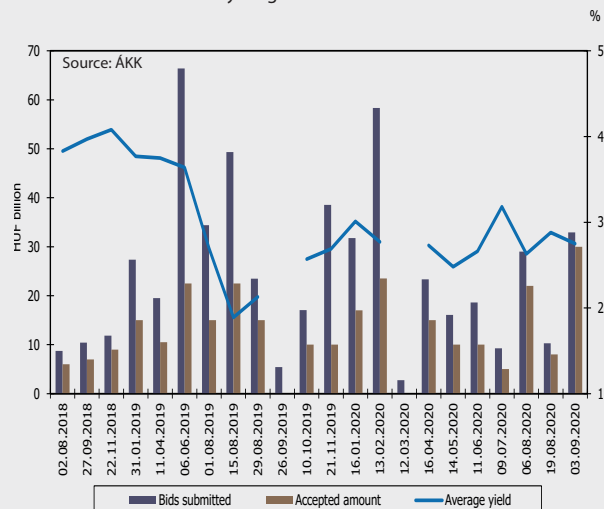


GOVERNMENT SECURITIES

10-year government bond auctions



15-20-year government bond auctions

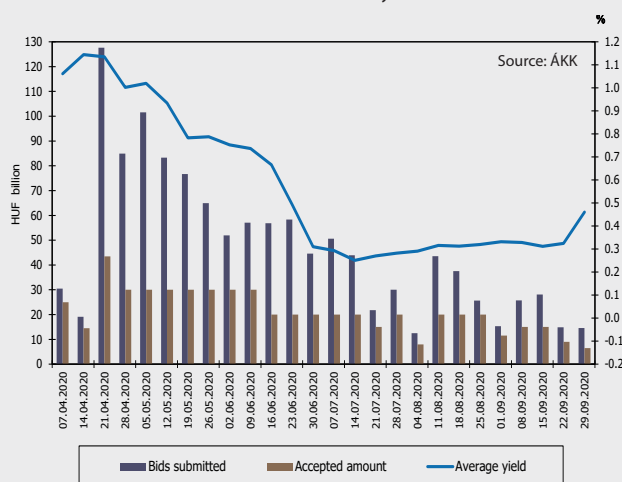


INTEREST RATE RESETS OF FLOATING RATE GOVERNMENT BONDS IN Q3 2020

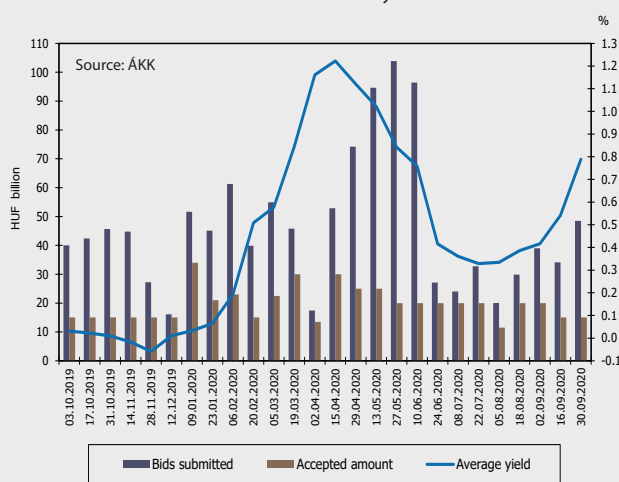
Government bond	Date of interest rate reset	Interest period		Date of interest payment	Reset interest rate	Interest payable
2022/I	27.07.2020	29.07.2020	29.07.2021	29.07.2021	5.65%	5.65%
2023/B	23.07.2020	26.07.2020	26.10.2020	26.10.2020	0.63%	0.16%
2027/B	19.07.2020	22.07.2020	22.10.2020	22.10.2020	0.70%	0.18%
2021/K	19.08.2020	26.08.2020	26.08.2021	26.08.2021	4.50%	4.50%
2024/N	24.08.2020	26.08.2020	26.08.2021	26.08.2021	2.86%	2.90%
2021/A	20.09.2020	23.09.2020	23.12.2020	23.12.2020	0.63%	0.16%
2022/N	18.09.2020	20.09.2020	20.09.2021	20.09.2021	2.92%	2.96%
2022/L	17.09.2020	21.09.2020	21.09.2021	21.09.2021	4.80%	4.80%
2023/J	24.09.2020	28.09.2020	28.09.2021	28.09.2021	4.80%	4.80%
2024/J	21.09.2020	25.09.2020	25.09.2021	27.09.2021	5.10%	5.10%
2026/N	21.09.2020	22.09.2020	22.09.2021	22.09.2021	3.17%	3.21%

Source: ÁKK

3-month Discount Treasury Bill auctions



12-month Discount Treasury Bill auctions

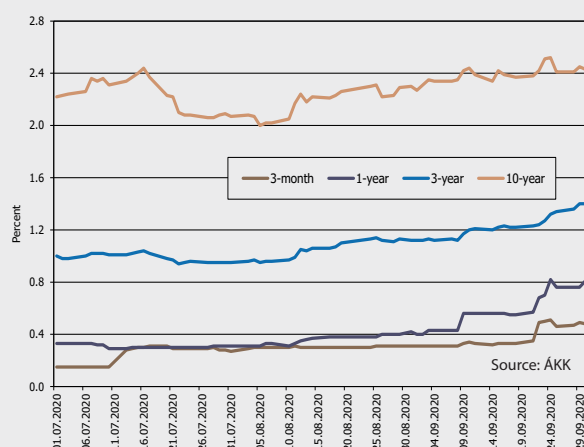


GOVERNMENT SECURITIES

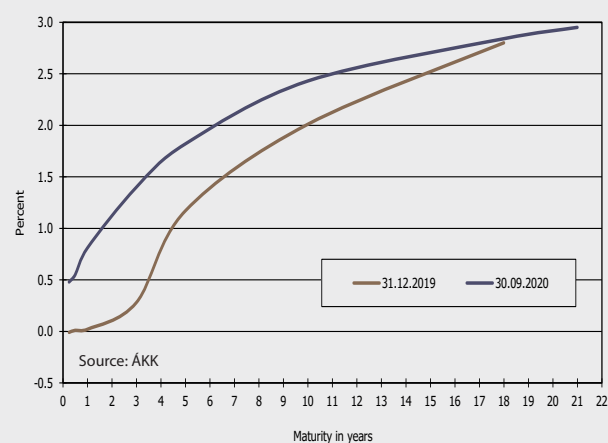
PRIMARY DEALERS - AS AT 30 SEPTEMBER 2020

BNP Paribas SA	J.P. Morgan Securities Plc.
CIB Bank Zrt.	K&H Bank Zrt.
CITIBANK Europe Plc. Hungarian Branch	MTB Magyar Takarékszövetkezeti Bank Zrt.
Deutsche Bank AG London Branch	MKB Bank Nyrt.
ERSTE Befektetési Zrt.	OTP Bank Nyrt.
Goldman Sachs International	Raiffeisen Bank Zrt.
ING Bank N.V. Hungarian Branch	UniCredit Bank Hungary Zrt.

Benchmark yields in the past three months

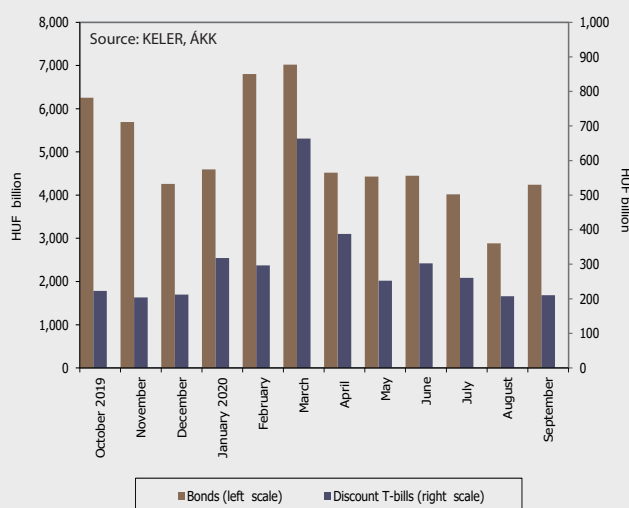


Benchmark yield curves

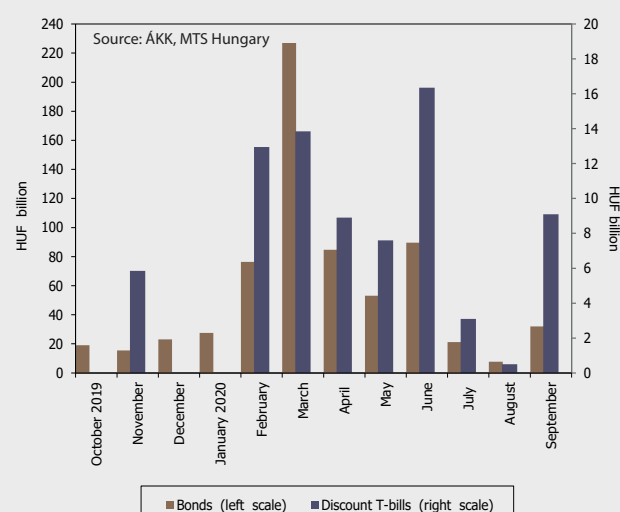


The range of reference government securities has been expanded with the 20-year government bond from 20 May 2020.

Secondary market trading of Hungarian government securities (OTC)

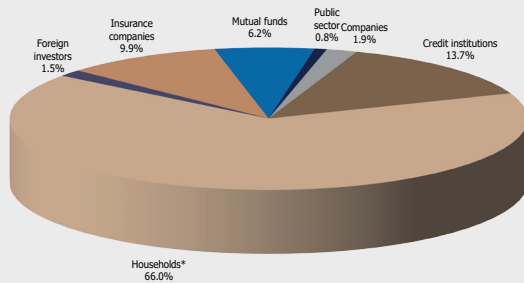


Secondary market trading of Hungarian government securities (MTS Hungary trading)



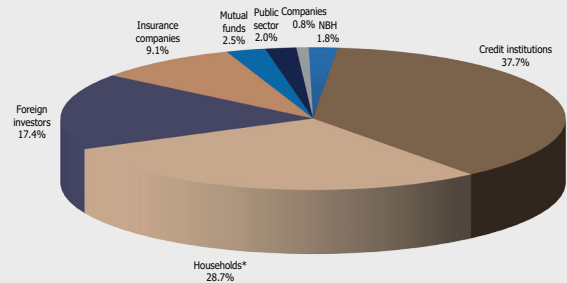
GOVERNMENT SECURITIES

Breakdown of government securities with maturity up to one year by investor sector in Q3 2020



Source: ÁKK

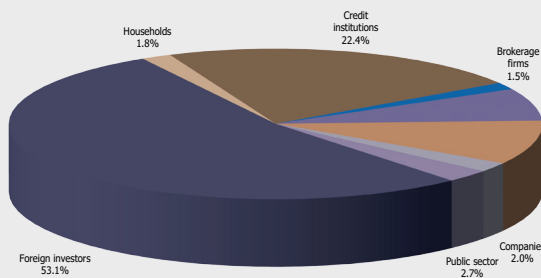
Breakdown of government securities with a maturity of over one year by investor sector in Q3 2020



Source: ÁKK

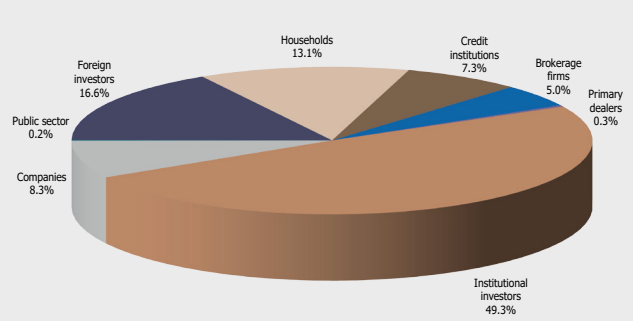
*Government securities with a maturity of up to one year and with a maturity of over one year, the stock of Households also includes the stock of non-profit institutions serving households.

Breakdown of primary dealers' secondary market turnover in government bonds by investor groups in Q3 2020



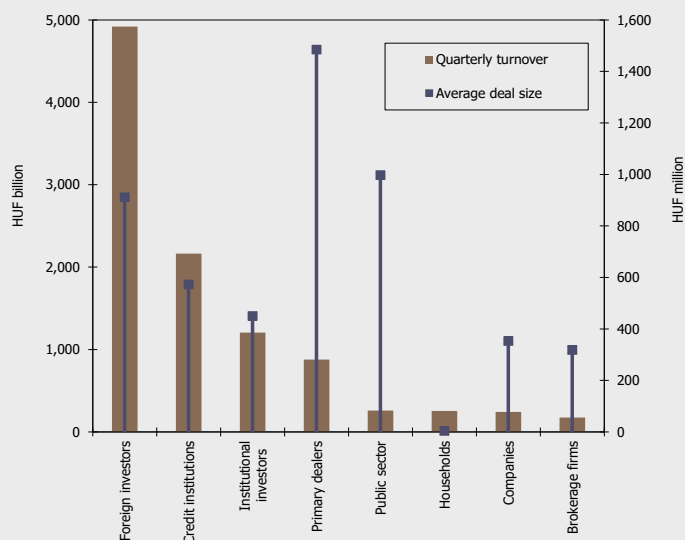
Source: ÁKK

Breakdown of primary dealers' secondary market turnover in Discount Treasury Bills by investor groups in Q3 2020



Source: ÁKK

Primary dealers' trading with different investor groups in Q3



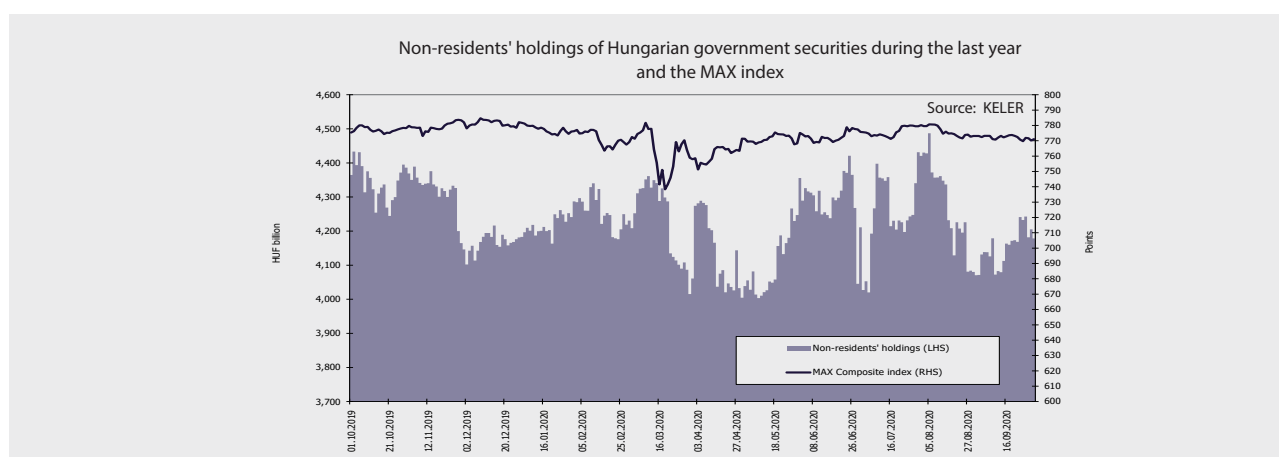
Source: ÁKK

Government securities with the highest secondary market turnover in Q3 2020

Government security	Date of redemption	Turnover (HUF billion)
2025/C	26.11.2025	2,026.9
2030/A	21.08.2030	844.7
2023/C	23.08.2023	837.8
2031/A	22.10.2031	657.0
2022/B	26.10.2022	497.2
2026/D	22.12.2026	484.8
2022/C	24.08.2022	378.3
2026/E	22.04.2026	363.9
2038/A	27.10.2038	332.6
2027/B	22.04.2027	312.8

Source: ÁKK

GOVERNMENT SECURITIES



HUNGARIAN GOVERNMENT SECURITIES INDICES

	Value of the index					Annual yield earned on the index portfolio			
	MAX index	RMAX index	MAX Composite index	ZMAX index	HMAX index*	MAX index	RMAX index	MAX Composite index	ZMAX index
30.06.2020	823.3362	555.7759	777.4039	537.4991	99.8910	3.15%	0.27%	2.90%	0.31%
31.07.2020	826.4422	555.7402	780.2318	537.4624	100.3626	2.05%	0.21%	1.90%	0.27%
31.08.2020	818.5647	555.6859	773.0917	537.5495	99.1454	-0.54%	0.21%	-0.53%	0.30%
30.09.2020	816.2733	555.0061	771.0372	537.5156	98.9392	-0.57%	0.06%	-0.56%	0.29%

* HMAX government bond index with a maturity of over three years was introduced from 01.01.2020.

Source: ÁKK

OUTSTANDING AMOUNT OF BENCHMARK GOVERNMENT BOND SERIES IN Q3 2020

Government bond	HUF billion		
	31.07.2020	31.08.2020	30.09.2020
2022/C	366.94	336.20	326.53
2024/C	1,137.02	1,136.93	1,136.82
2030/A	1,014.49	1,083.35	1,083.24
2038/A	267.60	302.23	340.29
2041/A	51.30	64.34	75.37

* The 20-year Hungarian Government Bond was added to the list of the benchmark securities from 20 May 2020.

Source: ÁKK

REUTERS PAGES (CODES)

main page: HUTREASURY

Auction results are available from 11.30 (CET)	
HUISSUE	Publication of the following issues and 1-year Hungarian Government Security underwriting and results
HUAUCTION01	Discount T-bill auction results
HUAUCTION02	Government Bond auction results
HUAUCTION03	Non-competitive fixed rate bonds offer
HUAUCTION04	Non-competitive floating rate bonds
HUBUYBACK	Government Bond buyback auction results
HUEXCHANGE	Government Bond exchange auction results
Secondary market data	
HUBONDFIX	Benchmark yield fixing (updated during 14.00 -14.30CET)
HUBONDAKK, HUBONDAKK4	Best morning secondary market quotations
HUBONDAKK2, HUBONDAKK3	Best afternoon secondary market quotations
HUBONINDEX1	Hungarian Government Total Return Index (MAX), updated during 14.00-14.30 CET
HUBONINDEX2	Benchmark Indices for Government Bonds BMX3Y-15Y (updated during 14.00-14.30 CET)
HUMAXCOMP, HUMAXCOMP2	Hungarian Government Total Return Index (MAX) statistics
HUAKK01, HUAKK02, HUAKK03, HUAKK04	MAX Composite Index
Other	
HUFLOATER	Interest rate reset of floating rate bonds
HUBONDINFO	Primary Dealers

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