

RISK MANAGEMENT PARAMETERS APPLIED TO ELIGIBLE COLLATERAL ACCEPTED BY THE MNB FROM 1 SEPTEMBER 2021

After reviewing the security categories used in the daily revaluation of collateral, the MNB has changed the acceptance ratios applied, with effect from 1 September 2021.

The MNB has set the size of new haircuts (i.e. those applied for the first time in the end-of-day revaluation of eligible securities on 31 August 2021) in effect from 1 September 2021 by residual maturity and security categories as follows:

Table 1: Baseline haircut table

Ma- turity (years)	L1		L2			L3			L4			L5	L6			L7			L8	L9
	Fixed	Zero	Fixed	Zero	Var.	Fixed	Zero	Var.	Fixed	Zero	Var.		Fixed	Zero	Var.	Fixed	Zero	Var.		
0-0.5	0.5%	0.5%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	40%	3.5%	3.5%	3.5%	4.5%	4.5%	4.5%	5%	10%
0.5-1	1.0%	1.0%	1.5%	1.5%	1.5%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%		4.0%	4.0%	4.0%	5.5%	5.5%	5.5%		
1-3	2.5%	2.5%	5.5%	5.5%	2.5%	6.5%	6.5%	2.5%	5.5%	5.5%	2.0%		5.5%	5.5%	5.0%	8.5%	8.5%	7.5%	15%	20%
3-5	4.5%	4.5%	9.0%	9.5%	3.0%	10.5%	11.0%	3.5%	9.0%	9.0%	2.5%		7.0%	7.0%	6.0%	11.5%	11.5%	10.0%	25%	30%
5-7	6.0%	6.0%	12.0%	13.0%	4.0%	14.0%	14.5%	4.0%	11.5%	12.0%	3.0%		8.5%	9.0%	7.5%	14.5%	15.0%	12.5%	30%	40%
7-10	7.5%	8.0%	15.5%	17.0%	5.0%	18.0%	19.5%	5.0%	15.0%	16.0%	4.0%		11.0%	11.5%	9.0%	18.5%	20.0%	16.0%	45%	50%
10-	9.5%	11.5%	20.0%	23.5%	6.0%	22.5%	26.0%	6.5%	19.0%	22.0%	5.0%		14.0%	15.5%	11.0%	24.5%	28.0%	20.5%		

Table 2: Green securities haircut table

Ma- turity (years)	L1		L2			L3			L4			L6			L7			L8
	Fixed	Zero	Fixed	Zero	Var.													
0,0,5	0.5%	0.5%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	3.0%	3.0%	3.0%	3.5%	3.5%	3.5%	4.0%
0,5-1	1.0%	1.0%	1.0%	1.0%	1.0%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	3.0%	3.0%	3.0%	4.5%	4.5%	4.5%	
1-3	2.0%	2.0%	4.5%	4.5%	2.0%	5.0%	5.0%	2.0%	4.5%	4.5%	1.5%	4.5%	4.5%	4.0%	7.0%	7.0%	6.0%	12.0%
3-5	3.5%	3.5%	7.0%	7.5%	2.5%	8.5%	9.0%	3.0%	7.0%	7.0%	2.0%	5.5%	5.5%	5.0%	9.0%	9.0%	8.0%	20.0%
5-7	5.0%	5.0%	9.5%	10.5%	3.0%	11.0%	11.5%	3.0%	9.0%	9.5%	2.5%	7.0%	7.0%	6.0%	11.5%	12.0%	10.0%	25.0%
7-10	6.0%	6.5%	12.5%	13.5%	4.0%	14.5%	15.5%	4.0%	12.0%	13.0%	3.0%	9.0%	9.0%	7.0%	15.0%	16.0%	13.0%	40.0%
10-	7.5%	9.0%	16.0%	19.0%	5.0%	18.0%	21.0%	5.0%	15.0%	17.5%	4.0%	11.0%	12.5%	9.0%	19.5%	23.0%	16.5%	

Table 3: L9 supplementary table

Classification		L9
Currency	HUF	+0%p
	EUR	+5%p
	Other	+6%p
Credit risk (IFRS)	Stage1	+0%p
	Stage2	+30%p

where

Security category L1: comprises Hungarian government securities for which primary dealers provide two-way quotes on a continuous basis as well as securities previously belonging to this category but excluded as they were nearing maturity, and highly liquid publicly issued forint-denominated fixed or zero coupon Hungarian government securities with a residual maturity of maximum three months.

Security category L2: comprises forint-denominated corporate bonds and mortgage bonds, bonds issued by the National Deposit Insurance Fund and the Investor Protection Fund under the unconditional payment guarantee of the Hungarian State, as well as the securities where the payment obligations arising from the security are covered by the Hungarian State's unconditional payment guarantee to the debit of the central budget in accordance with the provisions of the law, in conformity with 6.1.3 of the Terms and Conditions of the operations of the central bank in forint and foreign currency markets, with contracted market makers accepted by the MNB.

The money market counterparty or the issuer may initiate at the MNB the (re)allocation of the securities to category L2 by describing the requirement and sending the relevant documents to fedezetek@mnbb.hu in the form of an electronic document supplied with qualified electronic signature or with advanced electronic signature based on a qualified certificate. The MNB makes the decision on the classification of the securities to Security category L2 considering in particular the following securities liquidity aspects:

- number of market makers;
- independence of the market makers from the issuer;
- minimum quote size (the volume at the given price for which the market maker commits to conclude deals);
- maximum simultaneous bid and offer yield spread of the quotes;
- mandatory minimum quotation hours.

If based on the documentation submitted by the money market counterparty the MNB accepts the quote for the securities and thereby the classification of the securities to Security category L2, the MNB will determine the applied acceptance ratio based on the haircuts applicable to Security category L2 from the sixth working day after the submission of the documents confirming the quote, at the latest.

Security category L3: comprises unquoted – or the quotes of which are not accepted by the MNB – forint-denominated corporate bonds and mortgage bonds, bonds issued by the National Deposit Insurance Fund and the Investor Protection Fund under the unconditional payment guarantee of the Hungarian State, as well as the securities, where the payment obligations arising from the security are covered by the Hungarian State's unconditional payment guarantee to the debit of the central budget in accordance with the provisions of the law, in conformity with 6.1.3 of the Terms and Conditions of the operations of the central bank forint and foreign currency markets.

Security category L4: comprises forint-denominated Hungarian government securities not included in category L1. The variable coupon and inflation-indexed forint-denominated government securities are included in this category.

Security category L5: comprises forint and foreign currency-denominated securities according to point 6.1.1. of the Terms and Conditions of the Operations of the Central Bank in Forint and Foreign Currency Markets with limited marketability with institutional investors under the Act on Capital Market.

Security category L6: comprises Hungarian government securities denominated in currencies other than the forint. In the case of Hungarian government securities denominated in currencies other than the euro, a 1 percentage point additional haircut is added to those applied to security category L6.

Security category L7: comprises corporate bonds denominated in currencies other than the forint. In the case of corporate bonds denominated in currencies other than the euro, a 1 percentage point additional haircut is added to those applied to security category L7.

Security category L8: comprises securities in conformity with 6.1.4 of the Terms and Conditions of the operations of the central bank forint and foreign currency markets.

Asset category L9: comprises assets in conformity with 6.6 of the Terms and Conditions of the operations of the central bank forint and foreign currency markets.

In the case of eligible collaterals the Baseline haircut table (Table 1) is to be used. If other special conditions also exist, the supplementary haircut tables should be used as well. (Tables 2 and 3)

- Green securities (Table 2): Haircut table to be applied to green securities. Green securities are securities that comply with the sustainable finance guidelines set by an international organisation under the MNB Decree on the forint maturity mismatch of credit institutions and such compliance is certified by an external party – independent of the issuer – included in the list publicly disclosed by that international organisation, and the MNB accepts the certificate of compliance. The issuer or the money market counterparty may initiate the acceptance of the securities as Green securities by describing the requirement and sending the relevant certificates to fedezetek@mnbb.hu in the form of an electronic document supplied with qualified electronic

signature or with advanced electronic signature based on a qualified certificate. If based on the submitted documentation the MNB accepts the classification of the securities as green, MNB will determine the applied acceptance ratios based on the haircuts applicable to Green securities from the sixth working day after the submission of the relevant documents, at the latest.

- Corporate receivables (Table 3): The haircut applied in L9 is calculated as the sum of three factors. The supplementary haircut depending on credit quality and on the currency (Table 3) is added to the baseline haircut depending on the maturity (Table 1).

A bond is a zero coupon bond if it has only one cash flow element.

Inflation-indexed bonds are treated as fixed coupon securities according to the type of interest.

The initial price underlying the acceptance ratios – depending on the market of the given securities group – is the discounted reference gross bid market price of the security on the business day preceding the settlement day of the central bank transaction or the price calculated on the basis of the yield curve estimated by the MNB (fair-value). The acceptance ratios of the assets in L9 asset category are calculated based on the accepted outstanding nominal amount.

Matters not regulated in this announcement shall be governed by the provisions of the Terms and Conditions of the Operations of the Central Bank in Forint and Foreign Currency Markets.

Budapest, 2 August 2021

MAGYAR NEMZETI BANK