



MEMBER NOTIFICATION

Risk Notice 2023-29 9 octobre 2023

Date de publication 9 octobre 2023

Date d'application 23 octobre 2023

Marchés Cash, Dérivés et Fixed Income

En application de l'Article 4.2.0.5 des Règles de la Compensation, LCH SA publie ci-après les abattements applicables à la valeur de marché du Collatéral en Valeurs Mobilières et l'Avis conformément à l'instruction IV.4-1 relative aux limites de Collatéral accepté en Couverture financière.

Cet Avis entrera en vigueur au 23 octobre 2023.

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I) Abattements applicables aux obligations acceptées en Collatéral

Conformément à l'article 20 de l'instruction IV.4-1, un abattement, déterminé par LCH comme suit, est appliqué sur la valeur des obligations acceptées en collatéral selon les classes définies ci-dessous et en fonction de leurs sensibilités.

ligible Government Securities	sk Notice - Margin Eligible Securities Collateral and Haircut Schedule		naircuts on	23/10/2023
		Buckets	Haircuts (Conventional Bonds)	Haircuts (Inflation Linked Bond
	Debt Securities issued by the Australian State:	11 business days and < = 0,5 year	0.50%	N/A
	Australian Treasury Bill (ACTB)	> 0.5 and <= 1 year	0.75%	N/A
	Australian Government Bond (ACGB)	> 1 and < = 3 years	1.25%	N/A
		> 3 and < = 5 years	2.25%	N/A
stralia		> 5 and < = 7 years	2.75%	N/A
		> 7 and < = 10 years	4.00%	N/A
		> 10 and < = 15 years	6.50%	N/A
		> 15 and < = 30 years	14.00%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt Securities issued by the Austrian State:			
	Austrian Treasury Bill (RATB)	4 business days and < = 0,5 year	0.50%	N/A
	Austrian Government Bond (RAGB)	> 0.5 and <= 1 year	0.75%	N/A
		> 1 and < = 3 years	1.50%	N/A
		> 3 and < = 5 years	2.50%	N/A
stria		> 5 and < = 7 years	3.00%	N/A
		> 7 and < = 10 years	3.75%	N/A
		> 10 and < = 15 years	5.50%	N/A
		> 15 and < = 30 years	12.25%	N/A
		> 30 and < = 50 years	16.50%	N/A
	Debt Securities issued by the Belgian state:	4 business days and <= 0,5 year	0.50%	N/A
	Belgian Treasury Bill (BGTB)	> 0.5 and <= 1 year	1.00%	N/A
	Belgian Government Bond (BGB)	> 1 and < = 3 years	2.00%	N/A
	Segui Seriment bond (boo)	> 3 and < = 5 years	2.75%	N/A
fgium		> 3 and < = 5 years > 5 and < = 7 years	4.25%	N/A N/A
S. W. C.		> 5 and < = 7 years > 7 and < = 10 years	5.25%	N/A N/A
			7.50%	N/A N/A
		> 10 and < = 15 years > 15 and < = 30 years	14.00%	N/A N/A
	Dobt Countries issued by the Con- fire Con-	> 30 and < = 50 years	18.75%	N/A
	Debt Securities issued by the Canadian State:	10 business days and < = 0,5 year	0.50%	N/A
	Canadian Treasury Bill (CTB)	> 0.5 and <= 1 year	0.50%	N/A
	Canadian Government Bond (CAN)	> 1 and < = 3 years	1.25%	N/A
		> 1 and < = 5 years > 3 and < = 5 years	2.00%	N/A
mada			2.50%	
		> 5 and < = 7 years	2.00.0	N/A
		> 7 and < = 10 years	3.25%	N/A
		> 10 and < = 15 years	4.75%	N/A
		> 15 and < = 30 years	9.75%	N/A
		> 30 and < = 50 years	13.00%	N/A
	Debt Securities issued by the Danish State:	6 business days and < = 0,5 year	0.50%	N/A
	Danish Treasury Bill (DGTB)	> 0.5 and <= 1 year	0.50%	N/A
	Danish Government Bond (DGB)	> 1 and < = 3 years	1.25%	N/A
		> 3 and < = 5 years	1.75%	N/A
enmark		> 5 and < = 7 years	2.50%	N/A
		> 7 and < = 10 years	3.50%	N/A
		> 10 and < = 15 years	5.25%	N/A
		> 15 and < = 30 years	12.50%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt Securities issued by the Finnish State:	4 business days and < = 0,5 year	0.50%	N/A
	Finnish Treasury Bill (RFTB)	>0.5 and <= 1 year	0.50%	N/A
	Finnish Government Bonds (RFGB)	> 1 and < = 3 years	1.25%	N/A
		> 3 and < = 5 years		
			2.00%	N/A
nland				
nland		> 5 and < = 7 years	2.75%	N/A
sland		> 5 and < = 7 years > 7 and < = 10 years	2.75% 3.75%	N/A N/A
sland		> 5 and <= 7 years > 7 and <= 10 years > 10 and <= 15 years	2.75% 3.75% 5.50%	N/A N/A N/A
aland		> 5 and <= 7 years > 7 and <= 10 years > 10 and <= 15 years > 15 and <= 30 years	2.75% 3.75% 5.50% 11.25%	N/A N/A N/A N/A
aland		> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years	2.75% 3.75% 5.50% 11.25% 15.00%	N/A N/A N/A N/A
nland	Debt Securities issued by the French state:	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year	2.75% 3.75% 5.50% 11.25% 15.00% 0.50%	N/A N/A N/A N/A N/A 0.75%
stand	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF)	> 5 and <= 7 years > 7 and <= 10 years > 10 and <= 15 years > 10 and <= 30 years > 15 and <= 50 years > 30 and <= 50 years 4 business days and <= 0,5 year > 0.5 and <= 1 year	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50%	N/A N/A N/A N/A N/A 0.75% 1.25%
aland	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel I/L (BTNS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < < 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel I/L (BTNS) Obligations Assimilables du Trésor (FRTR)	> 5 and <= 7 years > 7 and <= 10 years > 10 and <= 15 years > 15 and <= 30 years > 30 and <= 50 years > 30 and <= 50 years 4 business days and <= 0,5 year > 0.5 and <= 1 year > 1 and <= 3 years > 3 and <= 5 years > 3 and <= 5 years > 5 and <= 7 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel I/L (BTNS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and <= 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 3 and < = 7 years > 7 and < = 7 years > 7 and < = 7 years > 7 and < = 10 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel I/L (BTNS) Obligations Assimilables du Trésor (FRTR)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 years > 10 and < = 15 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50%	N/A N/A N/A N/A O.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel I/L (BTNS) Obligations Assimilables du Trésor (FRTR)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 10 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 3 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50%	N/A N/A N/A N/A O.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (JL (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 30 years > 30 and < = 50 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (JL (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State:	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 5 and < = 7 years > 10 and < = 10 years > 10 and < = 10 years > 15 and < = 30 years > 15 and < = 30 years > 30 and < = 50 years > 30 und < = 50 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 2.00% 2.75% 3.75% 5.50% 11.50% 0.50%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (JL (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 50 years > 30 and < = 50 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 50 years > 30 and < = 50 years > 30 usiness days and < = 0,5 year > 0.5 and < = 10 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 0.50% 0.50%	N/A N/A N/A N/A O.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 0.50%
	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (IZ (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IZ (BTNS) Obligations Assimilables du Trésor (FBTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzamweisungen (BKO)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 60,5 year > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 10 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 2.75% 3.75% 5.50% 11.50% 0.50% 0.50% 0.50%	N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00%
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ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IRTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesobligationen (DBL) Bundesobligationen I/L (OBLI) Deutsche Bundesrepublik (DBR)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 30 years > 30 and < = 50 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 2.75% 2.00% 2.75% 3.75% 5.50% 11.50% 15.50% 0.50% 0.50% 1.25% 2.00% 2.50% 0.50% 1.25%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25%
ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (JL (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzarweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (JCBL) Deutsche Bundesrepublik (DBR) Deutschland I/L (DBRI)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 13 and < = 50 years > 30 and < = 15 years > 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 7 years > 3 and < = 10 years > 10 and < = 10 years > 3 and < = 50 years > 5 and < = 7 years > 10 and < = 10 years > 10 and < = 30 years > 10 and < = 30 years > 30 and < = 50 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 15.50% 0.50% 1.25% 2.00% 2.50% 1.25% 2.00% 2.50% 3.50% 5.00% 1.25% 2.00% 2.50% 3.50% 5.00%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 6.25% 4.00% 18.75% 0.50% 1.75% 2.75% 2.75% 3.25% 4.25% 6.50% 11.25%
ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IRTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundescobligationen (IQEL) Bundescobligationen (IQEL) Deutsche Bundesrepublik (DBR) Deutsche Bundesrepublik (DBR) Deutscheland (I/L (DBRI)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 50 years > 30 and < = 50 years > 30 and < = 50 years > 30 and < = 50 years > 3 business days and < = 0,5 year > 1 and < = 3 years > 3 and < = 7 years > 3 and < = 10 years > 1 and < 3 years > 3 and < = 10 years > 1 and < 3 years > 10 and < 15 years > 5 and < = 10 years > 10 and < 15 years > 10 and < = 30 years > 30 and < = 50 years > 30 business days and < = 0,5 year	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 2.00% 2.75% 3.75% 5.50% 11.50% 0.50% 0.50% 0.50% 0.50% 0.50% 0.50% 0.50% 1.25% 2.00% 2.50% 3.50% 1.25% 2.00% 2.50% 3.50% 6.00%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 1.00% 18.75% 0.50% 1.00% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25% 6.50% 6.00%
ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IV. (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundeschatzanweisungen (BKO) Bundeschatzanweisungen (BKO) Bundescobligationen (OBL) Bundescobligationen (VL (OBLI) Deutsche Bundesrepublik (DBR) Deutschland I/L (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 7 years > 10 and < = 15 years > 30 and < = 50 years 3 business days and < = 0,5 year > 15 and < = 30 years > 3 and < = 5 years > 3 and < = 5 years > 15 and < = 10 years > 10 and < = 15 years > 15 and < = 10 years > 10 and < = 15 years > 15 and < = 10 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 30 years > 30 and < = 50 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 10 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 15.50% 0.50% 0.50% 1.25% 2.00% 0.50% 1.25% 2.00% 6.00% 6.00%	N/A N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 4.25% 6.50% 6.50% 6.00% 6.00%
ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IBTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzamweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (VI. (OBU) Deutsche Bundesrepublik (DBR) Deutschland I/L (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro (BOTS) Buoni del Tesoro (BOTS) Buoni del Tesoro (BOTS) Buoni del Tesoro (BOTS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 15.50% 0.50% 15.50% 0.50% 15.50% 0.50% 1.25% 2.00% 2.50% 3.50% 5.00% 6.00% 6.00% 6.00% 6.00%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 1.75% 0.50% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25% 6.00% 6.00% 6.00% 6.00% 7.00%
rmany	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (OBL) Deutsche Bundesrepublik (DBR) Deutschell (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (LETPS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 50 years > 30 and < = 50 years > 30 and < = 50 years 3 business days and < = 0,5 year > 1 and < = 3 years > 3 and < = 5 years > 15 and < = 3 years > 3 and < = 5 years > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 15 years > 3 and < = 5 years > 5 and < = 7 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years > 30 sond < = 50 years > 10 and < = 11 year > 10 and < = 11 year > 10 and < = 1 year > 10 and < = 1 year > 10 and < = 1 year	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 0.50% 0.50% 0.50% 0.50% 0.50% 1.25% 2.00% 2.50% 3.500 1.25% 1.25% 2.00% 2.50% 3.500 5.00% 6.00% 6.00% 6.00% 6.00% 9.00%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25% 6.50% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00%
rmany	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IBTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzamweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (VI. (OBU) Deutsche Bundesrepublik (DBR) Deutschland I/L (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro (BOTS) Buoni del Tesoro (BOTS) Buoni del Tesoro (BOTS) Buoni del Tesoro (BOTS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 15 years > 30 and < = 50 years 3 business days and < = 0,5 year > 10 and < = 15 years > 3 and < = 5 years > 3 and < = 5 years > 15 and < = 10 years > 10 and < = 15 years > 15 and < = 3 years > 3 and < = 5 years > 3 and < = 5 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 15 and < = 10 years > 15 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 15.50% 0.50% 0.50% 1.25% 2.00% 0.50% 1.25% 2.00% 0.50% 1.25% 2.00% 6.00% 6.00% 6.00% 7.00% 9.00%	N/A N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 4.25% 6.50% 6.00% 6.00% 7.00% 10.00% 10.00%
rmany	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (OBL) Deutsche Bundesrepublik (DBR) Deutschell (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (LETPS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 30 years > 15 and < = 50 years 4 business days and < = 0,5 year > 1.5 and < = 3 years > 1.5 and < = 3 years > 1.5 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 30 years > 30 and < = 50 years 3 business days and < = 0,5 year > 1.5 and < = 3 years > 3 and < = 7 years > 1.5 and < = 3 years > 1.5 and < = 3 years > 1.5 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 10 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 3 years > 3 and < = 5 years > 3 and < = 7 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 15.50% 0.50% 1.55% 2.00% 2.50% 1.55% 2.00% 2.50% 3.50% 5.00% 1.25% 2.00% 2.50% 3.50% 5.00% 1.25% 2.00% 2.50% 3.50% 5.00% 11.25% 11.50%	N/A N/A N/A N/A N/A N/A N/A 0.75% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 17.75% 3.25% 2.75% 3.25% 4.25% 6.50% 11.25% 6.50% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 1.00% 12.00% 14.25%
rmany	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (OBL) Deutsche Bundesrepublik (DBR) Deutschell (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (LETPS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 15 years > 30 and < = 50 years > 30 siniess days and < = 0,5 year > 1 and < = 3 years > 3 and < = 5 years > 10 and < = 10 years > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 10 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 0.50% 0.50% 1.25% 2.00% 2.50% 0.50% 1.25% 2.00% 2.50% 3.50% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 11.50% 11.50% 11.50% 11.50%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 3.25% 4.25% 6.50% 11.25% 6.50% 6.00%
nce	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundesobligationen (OBL) Bundesobligationen (OBL) Deutsche Bundesrepublik (DBR) Deutschell (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (LETPS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 15 years > 30 and < = 50 years 3 business days and < = 0,5 year > 10.5 and < = 17 years > 1 and < = 30 years > 3 and < = 50 years > 15 and < = 10 years > 3 and < = 5 years > 3 and < = 5 years > 5 and < = 7 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 15 and < = 30 years > 15 and < = 30 years > 30 and < = 50 years > 30 and < = 50 years > 3 and < = 5 years > 3 and < = 5 years > 3 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 3 and < = 10 years > 15 and < = 10 years > 10 and < = 15 years > 3 and < = 10 years > 10 and < = 15 years > 15 and < = 7 years > 10 and < = 10 years > 15 and < = 10 years > 15 and < = 3 years	2.75% 3.75% 5.50% 1.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 1.50% 0.50% 0.50% 0.50% 0.50% 0.50% 0.50% 0.50% 0.50% 0.50% 1.25% 2.00% 2.75% 2.00% 2.50% 3.50% 5.00% 1.25% 1.50% 6.00% 6.00% 6.00% 7.00% 9.00% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50% 11.50%	N/A N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 4.25% 6.50% 6.00% 6.00% 6.00% 7.00% 10.00% 11.25% 15.00% 10.00% 11.25% 15.75% 21.75%
nce	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (IRTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IRTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzamweisungen (BKO) Bundessobligationen (OBL) Bundesobligationen (OBL) Deutsche Bundesrepublik (DBR) Deutschland I/L (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (IRTPS) Buoni del Tesoro Poliennali (IVL) Certificati di Credito del Tesoro (CCTS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 15 years > 10 and < = 15 years > 30 and < = 50 years > 30 siniess days and < = 0,5 year > 1 and < = 3 years > 3 and < = 5 years > 10 and < = 10 years > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 10 and < = 10 years	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 11.50% 0.50% 0.50% 1.25% 2.00% 2.50% 0.50% 1.25% 2.00% 2.50% 3.50% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 11.50% 11.50% 11.50% 11.50%	N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 3.25% 4.25% 6.50% 11.25% 6.50% 6.00%
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ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (JL (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundessobligationen (OBL) Bundesobligationen (OBL) Deutsche Bundesrepublik (DBR) Deutsche Bundesrepublik (DBR) Deutscheld (JL (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (LL (BTPS) Certificati di Credito del Tesoro (CCTS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 7 years > 15 and < = 30 years > 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years 3 business days and < = 0,5 year > 15 and < = 10 years > 10 and < = 15 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 3 business days and < = 0,5 year > 15 and < = 10 years > 10 and < = 15 years > 30 and < = 50 years > 3 and < = 50 years > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 3 years > 15 and < = 3 years > 15 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 15 and < = 30 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 50 years > 15 and < = 50 years > 15 and < = 50 years	2.75% 3.75% 5.50% 1.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 1.50% 0.50% 0.50% 0.50% 0.50% 0.50% 1.25% 2.00% 2.75% 2.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 1.50% 1.50% 1.50% 1.50% 1.50% 6.00%	N/A N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25% 15.00% 6.00% 7.00% 10.00% 11.75% 2.75% 4.25% 6.50% 11.25% 15.00%
ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (BTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (JL (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzamweisungen (BKO) Bundessobligationen (OBL) Bundessobligationen (OBL) Bundessobligationen (JL (OBLI) Deutsche Bundesrepublik (DBR) Deutschland (JL (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (JL (BBPS) Certificati di Credito del Tesoro (CCTS)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 30 years > 15 and < = 50 years 4 business days and < = 0,5 year > 1.5 and < = 3 years > 1.5 and < = 3 years > 1.5 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 1.5 and < = 30 years > 1.5 and < = 3 years > 1.5 and < = 30 years > 1.5 and < = 30 years > 1.5 and < = 30 years > 1.5 and < = 3 years > 1.5 and < = 1 year > 1.5 and < = 10 years > 1.5 and < = 10	2.75% 3.75% 5.50% 11.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 1.50% 0.50% 1.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.00% 1.50%	N/A N/A N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 17.75% 3.25% 4.25% 6.50% 11.25% 6.50% 11.25% 15.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 17.75% 15.75% 15.75% 17.75% 17.70% 1
ance	Bons du Trésor à Taux Fixe et Intérêt Précompté (BTF) Bons du Trésor à Taux Fixe et Intérêt Annuel (IRTNS) Bons du Trésor à Taux Fixe et Intérêt Annuel (IV. (BTNS) Obligations Assimilables du Trésor (FRTR) Obligations Assimilables du Trésor I/L (FRTR) Debt Securities issued by the German Federal State: German Treasury Bill (BUBILL) Bundesschatzanweisungen (BKO) Bundessobligationen (OBL) Bundesobligationen (OBL) Bundesobligationen I/L (OBLI) Deutsche Bundesrepublik (DBR) Deutschland I/L (DBRI) Debt Securities issued by the Italian State: Buoni Ordinari del Tesoro (BOTS) Buoni del Tesoro Poliennali (BTPS) Buoni del Tesoro Poliennali (JL (BTPS) Certificati di Credito del Tesoro (CCTS) Debt Securities issued by the Japanese State: Japanese Treasury Bill (JGTB) Japanese Treasury Bill (JGTB) Japanese Treasury Bill (JGTB)	> 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years 4 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 7 years > 15 and < = 30 years > 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years 3 business days and < = 0,5 year > 15 and < = 10 years > 10 and < = 15 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 30 years > 30 and < = 50 years > 3 business days and < = 0,5 year > 15 and < = 10 years > 10 and < = 15 years > 30 and < = 50 years > 3 and < = 50 years > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 1 year > 1 and < = 3 years > 3 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 10 and < = 15 years > 15 and < = 3 years > 15 and < = 3 years > 15 and < = 5 years > 5 and < = 7 years > 7 and < = 10 years > 15 and < = 30 years > 10 and < = 15 years > 15 and < = 30 years > 15 and < = 50 years > 15 and < = 50 years > 15 and < = 50 years	2.75% 3.75% 5.50% 1.25% 15.00% 0.50% 0.50% 1.25% 2.00% 2.75% 3.75% 5.50% 1.50% 0.50% 0.50% 0.50% 0.50% 0.50% 1.25% 2.00% 2.75% 2.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 1.50% 1.50% 1.50% 1.50% 1.50% 6.00%	N/A N/A N/A N/A N/A N/A N/A 0.75% 1.25% 2.00% 3.00% 4.00% 5.00% 6.25% 14.00% 18.75% 0.50% 1.00% 1.75% 2.75% 3.25% 4.25% 6.50% 11.25% 15.00% 6.00% 7.00% 10.00% 11.75% 2.75% 4.25% 6.50% 11.25% 15.00%

		> 10 and < = 15 years	3.00%	N/A
		> 15 and < = 30 years	8.25%	N/A
		> 30 and < = 50 years	11.00%	N/A
	Debt Securities issued by the Dutch State:	10 business days and < = 0,5 year	0.50%	N/A
	Dutch Treasury Certificate (DTB)	> 0.5 and <= 1 year	0.50%	N/A
	Dutch Government Bond (NETHER)	> 1 and < = 3 years	1.25%	N/A
		> 3 and < = 5 years	2.00%	N/A
Netherlands		> 5 and < = 7 years	2.25%	N/A
		> 7 and < = 10 years	3.50%	N/A
		> 10 and < = 15 years	5.00%	N/A
		> 15 and < = 30 years	11.00%	N/A
		> 30 and < = 50 years	14.75%	N/A
	Debt Securities issued by the Norwegian State:	9 business days and < = 0,5 year	0.75%	N/A
	Norwegian Treasury Bill (NGTB)	>0.5 and <= 1 year	1.00%	N/A
	Norwegian Government Bond (NGB)	> 1 and < = 3 years	1.50%	N/A
		> 3 and < = 5 years	2.25%	N/A
Norway		> 5 and < = 7 years	3.00%	N/A
		> 7 and < = 10 years	4.00%	N/A
		> 10 and < = 15 years	6.25%	N/A
		> 15 and < = 30 years	N/A	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt securities issued by the Portuguese State	3 business days and < = 0,5 year	8.25%	N/A
	Portuguese Treasury Bill (PORTB)	> 0.5 and <= 1 year	11.50%	N/A
	Portuguese Government bond (PGB)	> 1 and < = 3 years	21.25%	N/A
	, , ,	> 3 and < = 5 years	27.25%	N/A
Portugal		> 5 and < = 7 years	32.25%	N/A
		> 7 and < = 10 years	32.25%	N/A
		> 10 and < = 15 years	32.25%	N/A
		> 15 and < = 30 years	47.00%	N/A
		> 30 and < = 50 years	54.00%	N/A
	Debt Securities issued by the Spanish State:	3 business days and < = 0,5 year	2.25%	2.25%
	Spanish Letras del Tesoro (SGLT)	> 0.5 and <= 1 year	3.00%	3.00%
	Spanish Government Bond (SPGB)	> 1 and < = 3 years	6.50%	6.50%
	Spanish Government Inflation Bond (SPGBEI)	> 3 and < = 5 years	9.25%	9.25%
Spain		> 5 and < = 7 years	10.50%	10.50%
		> 7 and < = 10 years	12.25%	12.25%
		> 10 and < = 15 years	15.25%	15.25%
		> 15 and < = 30 years	25.50%	25.50%
		> 30 and < = 50 years	31.50%	31.50%
	Debt Securities issued by the Swedish State:	4 business days and < = 0,5 year	0.50%	N/A
	Swedish Treasury Bill (SWTB)	> 0.5 and <= 1 year	0.50%	N/A
	Swedish Government Bond (SGB)	> 1 and < = 3 years	1.00%	N/A
		> 3 and < = 5 years	1.75%	N/A
Sweden		> 5 and < = 7 years	2.25%	N/A
		> 7 and < = 10 years	3.50%	N/A
		> 10 and < = 15 years	5.50%	N/A
		> 15 and < = 30 years	11.75%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt Securities issued by the Swiss State:	3 business days and < = 0,5 year	0.50%	N/A
	Swiss Treasury Bill (SWISTB)			
	Swiss Government Bond (SWISS)	> 0.5 and <= 1 year	0.50%	N/A
	and determinent being (arriag)	> 1 and < = 3 years	1.50%	N/A
		> 3 and <= 5 years	2.00%	N/A
Switzerland		> 5 and < = 7 years	2.50%	N/A
		> 7 and < = 10 years	3.50%	N/A
		> 10 and < = 15 years	6.00%	N/A
		> 15 and < = 30 years	13.50%	N/A
		> 30 and < = 50 years	18.00%	N/A
	Debt Securities issued by the United Kingdom State:	9 business days and < = 0,5 year	0.50%	N/A
	United Kingdom Treasury Bill (UKTB)	> 0.5 and <= 1 year	0.70%	N/A
	United Kingdom Gilt (UKT)	> 1 and < = 3 years	1.50%	N/A
		> 3 and < = 5 years	2.50%	N/A
UK		> 5 and < = 7 years	3.25%	N/A
		> 7 and < = 10 years	5.00%	N/A
		> 10 and < = 15 years	8.25%	N/A
		> 15 and < = 30 years	14.25%	N/A
		> 30 and <= 50 years	19.00%	N/A
	Debt Securities issued by the United States of America:	3 business days and < = 0,5 year	0.50%	N/A
	US Treasury Bills (B)	> 0.5 and <= 1 year	0.70%	N/A
		> 1 and < = 3 years	1.50%	N/A
		> 3 and < = 5 years	2.50%	N/A
			2 500/	N/A
USA		> 5 and < = 7 years	3.50%	N/A
USA		> 5 and < = 7 years > 7 and < = 10 years	5.00%	N/A
USA				
USA		> 7 and < = 10 years	5.00%	N/A
USA		> 7 and < = 10 years > 10 and < = 15 years	5.00% 7.50%	N/A N/A

Eligible Securities (Supra & Agenci	es)	Buckets	Haircuts	Haircuts (Inflation Linked Bonds)
	Debt securities issued by the Caisse d'Amortissement de la Dette Sociale (CADES):	3 business days and < = 0,5 year	1.00%	N/A
	CADES Bond (CADES)	> 0.5 and <= 1 year	1.25%	N/A
	CADES Floater (CADES)	> 1 and < = 3 years	1.75%	N/A
Caisse d'Amortissement de la Dette		> 3 and < = 5 years	3.00%	N/A
Sociale		> 5 and < = 7 years	4.00%	N/A
Sociale		> 7 and < = 10 years	5.00%	N/A
		> 10 and < = 15 years	8.00%	N/A
		> 15 and < = 30 years	15.75%	N/A
		> 30 and < = 50 years	N/A	N/A

	Debt securities issued by the European Financial Stability Facility:	4 business days and < = 0,5 year	1.50%	N/A
	European Financial Stability Facility bond (EFSF)	> 0.5 and <= 1 year	1.50%	N/A
		> 1 and < = 3 years	2.50%	N/A
		> 3 and < = 5 years	3.00%	N/A
European Financial Stability Facility		> 5 and < = 7 years	3.75%	N/A
coropean r maneral scalemey ruemey		> 7 and < = 10 years	8.00%	N/A
			8.25%	
		> 10 and < = 15 years		N/A
		> 15 and < = 30 years	16.50%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt securities issued by the European Investment Bank:	9 business days and < = 0,5 year	1.00%	N/A
	European Investment Bank bonds (EIB)	> 0.5 and <= 1 year	1.00%	N/A
	European Investment Bank Floater (EIB)	> 1 and < = 3 years	2.50%	N/A
		> 3 and < = 5 years	3.50%	N/A
European Investment Bank		> 5 and < = 7 years	4.50%	N/A
coropean investment bank			8.00%	N/A
		> 7 and < = 10 years		1.911
		> 10 and < = 15 years	11.50%	N/A
		> 15 and < = 30 years	16.25%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt securities issued by the European Union (EU):	12 business days and < = 0,5 year	1.00%	N/A
	European Union bonds (EU)	> 0.5 and <= 1 year	1.00%	N/A
	European Union bonds T-Bills (EUB)	> 1 and < = 3 years	1.75%	N/A
		> 3 and < = 5 years	2.75%	N/A
European Union				
European Union		> 5 and < = 7 years	4.50%	N/A
		> 7 and < = 10 years	8.00%	N/A
		> 10 and < = 15 years	8.00%	N/A
		> 15 and < = 30 years	15.25%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt securities issued by the International Bank for Reconstruction and Development :	12 business days and < = 0,5 year	1.00%	N/A
	International Bank for Reconstruction and Development Bond (IBRD)		2.00,0	
		> 0.5 and <= 1 year	1.00%	N/A
		> 1 and < = 3 years	1.75%	N/A
International Bank for Reconstruction		> 3 and < = 5 years	2.75%	N/A
and Development		> 5 and < = 7 years	4.50%	N/A
and Development		> 7 and < = 10 years	8.00%	N/A
				1.41.1
		> 10 and < = 15 years	8.00%	N/A
		> 15 and < = 30 years	15.25%	N/A
		> 30 and < = 50 years	N/A	N/A
	Debt securities issued by the European Stability Mechanism:	4 business days and < = 0,5 year	1.00%	N/A
	European Stability Mechanism Bond (ESM)	> 0.5 and <= 1 year	1.00%	N/A
	European Stability Mechanism T-bill (ESMTB)	> 1 and < = 3 years	1.50%	N/A
		> 3 and < = 5 years	2.75%	N/A
European Stability Mechanism		> 5 and < = 7 years	3.50%	N/A
		> 7 and < = 10 years	4.50%	N/A
		> 10 and < = 15 years	8.00%	N/A
		> 15 and < = 30 years	16.50%	N/A
		> 30 and <= 50 years	N/A	N/A
	Debt securities issued by the Landwirtschaftliche Rentenbank:	2 business days and < = 0.5 year	1.00%	N/A
	Landwirtschaftliche Rentenbank Bond (RENTEN).	> 0.5 and <= 1 year	1.25%	N/A N/A
	Landwirtschaftliche Rentenbank Bond (RENTEN).	> 1 and < = 1 year > 1 and < = 3 years	1.50%	N/A
	Sense in Sense in the neutral leave (neutral)	> 1 and < = 5 years > 3 and < = 5 years	2.75%	N/A N/A
Landwirtschaftliche Rentenbank		> 3 and < = 5 years > 5 and < = 7 years	3.50%	N/A N/A
Candwir Cychartische Rentenbank		> 5 and < = 7 years > 7 and < = 10 years	4.50%	N/A N/A
		> 10 and < = 15 years	8.00% 14.00%	N/A
		> 15 and c = 20 mass		N/A
		> 15 and < = 30 years		81 / 4
		> 30 and <= 50 years	N/A	N/A
	Debt securities issued by the Kreditanstalt für Wiederaufbau:	> 30 and <= 50 years 3 business days and <= 0,5 year	N/A 1.00%	N/A
	Kreditanstalt für Wiederaufbau Bond (KFW)	> 30 and <= 50 years 3 business days and <= 0,5 year > 0.5 and <= 1 year	N/A 1.00% 1.25%	N/A N/A
		> 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and < = 3 years	N/A 1.00% 1.25% 1.50%	N/A N/A N/A
	Kreditanstalt für Wiederaufbau Bond (KFW)	> 30 and < = 50 years 3 business days and < = 0,5 year > 0.5 and < = 1 year > 1 and <= 3 years > 3 and <= 5 years	N/A 1.00% 1.25% 1.50% 2.75%	N/A N/A N/A N/A
	Kreditanstalt für Wiederaufbau Bond (KFW)	> 30 and <= 50 years 3 business days and <= 0,5 year > 0.5 and <= 1 year > 1 and <= 3 years > 3 and <= 5 years > 5 and <= 7 years	N/A 1.00% 1.25% 1.50% 2.75% 3.50%	N/A N/A N/A N/A N/A
	Kreditanstalt für Wiederaufbau Bond (KFW)	> 30 and <= 50 years 3 business days and <= 0,5 year > 0.5 and <= 1 year > 1 and <= 3 years > 3 and <= 5 years > 5 and <= 7 years > 7 and <= 10 years	N/A 1.00% 1.25% 1.50% 2.75% 3.50% 4.50%	N/A N/A N/A N/A N/A
	Kreditanstalt für Wiederaufbau Bond (KFW)	> 30 and <= 50 years 3 business days and <= 0,5 year > 0.5 and <= 1 year > 1 and <= 3 years > 3 and <= 5 years > 5 and <= 7 years > 7 and <= 10 years > 10 and <= 15 years	N/A 1.00% 1.25% 1.50% 2.75% 3.50% 4.50% 8.00%	N/A N/A N/A N/A N/A N/A
	Kreditanstalt für Wiederaufbau Bond (KFW)	> 30 and <= 50 years 3 business days and <= 0,5 year > 0.5 and <= 1 year > 1 and <= 3 years > 3 and <= 5 years > 5 and <= 7 years > 7 and <= 10 years	N/A 1.00% 1.25% 1.50% 2.75% 3.50% 4.50%	N/A N/A N/A N/A N/A

II) Autres modalités

Conformément à l'article 13 de l'instruction IV.4-1 relative aux paiements en USD et GBP, LCH applique un abattement sur l'équivalent en euro calculé d'après le cours de change des devises.

De plus, conformément à l'Article 28 de l'Instruction IV.4-1, LCH peut, entre autres, prendre des mesures spécifiques. Les abattements sur les devises ainsi que les clauses spécifiques sont listés dans le tableau ci-dessous:

Other stipulations			
Equities	Stocks incorporated European index EURO STOXX 50 (Excluding Banking & Insurance stocks) will An haircut of 35 % is applied on shares accepted as collateral; Equity Securities not accepted for CDSClear Margins.	thin the limitsset out by LCH SA;	
Haircut allocation rule	For non-cash collateral lodged bilaterally, the duration is used to determine the haircut; For non-cash collateral lodged using triparty solution, the time to maturity is used to determine For Bonds Floater, the time to maturity is used to determine the haircut	e the haircut.	
Additional Haircuts	Certain collateral can from time to time be subject to additional haircuts above those stated.		
Excluded bonds instruments	LCH SA deems non eligible the following securities: - Zero coupon bonds (excluding T-Bills), stripped bonds and perpetual bonds - Bonds close to maturity - Optionable bonds (Sinkable, Callable, Putable) - Bonds not issued in the local country currency (e.g. France issuing USD debt)		
Concentration Limits	LCH SA reserves the right to manage specific concentrations in margin collateral in all circumstan directly with a view to re-alignment of their portfolio.	ices. Where positions are considered to b	e excessively concentrated, members will be contacted
	For payment in non EURO, LCH SA applies a haircut on the equivalent in EURO calculated from	the currency exchange rate the below in	cremental FX Haircut apply.
	Currency	FX HC	Minimum nominal Value in ccy
	AUD CAD	6.90% 4.50%	1,000 1,000

Currency Haircut	CHF	6.20%	1,000
arrency narreac	DKK	0.20%	1
	EUR	0.00%	1
	GBP	5.40%	1
	JPY	7.50%	50,000
	NOK	4.90%	1,000
	SEK	3.50%	5,000
	USD	4.80%	100
	To be eligible, securities need to have an Outstanding Amount above the following limits.		
	To be eligible, securities need to have an Outstanding Amount above the following limits.		
	A	Minimum oustanding amount in ccy	
	Currency	(Million)	
	AUD	750	
	CAD	750	
utstanding Amount	CHF	500	
restanding Amount	DKK	5,000	
	EUR	500	
	GBP	500	
	JPY	70,000	
	NOK	5,000	
	SEK	5,000	
	USD	500	
	For non-cash collateral lodged using triparty solution, same haircuts apply		
ri Party	For non-cash collateral lodged using triparty solution, the minimum Nominal value is defined in	the Triparty contract	
	The possibility to transfer non-cash collateral using the triparty solution is not available to the collateral using the triparty solution.		
		•	
ligible securities transferred as	USA Eligible Government Securities listed above only		
collateral on behalf of FCM/BD Clients	3.7.2.0		
	Debt	Min Maturity (in business days)	Max Maturity*
		Min Maturity (in business days)	Max Maturity* 30Y
	Debt Australia Austria	Min Maturity (in business days) 11 4	Max Maturity* 30Y 50Y
	Australia	11	30Y
	Australia Austria Belgium	11 4 4	30Y 50Y
	Australia Austria	11 4	30Y 50Y 50Y
	Australia Austria Belgium Canada	11 4 4 10	30Y 50Y 50Y 50Y
	Australia Austria Belgium Canada Denmark Finland	11 4 4 10 6	30Y 50Y 50Y 50Y 30Y 50Y
	Australia Austria Belgium Canada Denmark Finland France	11 4 4 10 6 4	30Y 50Y 50Y 50Y 30Y 50Y 50Y
	Australia Austria Belgium Canada Denmark Finland France Germany	11 4 4 10 6 4	30Y 50Y 50Y 50Y 30Y 50Y
	Australia Austria Belgium Canada Denmark Finland France Germany Italy	11 4 4 10 6 4 4 3	30Y 50Y 50Y 50Y 30Y 50Y 50Y 50Y
	Australia Austria Belgium Canada Denmark Finland France Germany	11 4 4 10 6 4 4 3 3	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y
	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland	11 4 4 10 6 4 4 3 3 6	30Y 50Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y 50Y
	Australia Austria Belgium Canada Demmark Finland France Germany Italy Japan Netherland Norway	11 4 4 10 6 4 4 3 3 6	30Y 50Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y
aturities	Australia Austria Belgium Canada Demmark Finland France Germany Italy Japan Netherland Norway Portugal	11 4 4 10 6 4 4 3 3 6 10 9	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
aturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain	11 4 4 10 6 4 4 3 3 6 10 9 3	30Y 50Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y 11Y 50Y 50Y
aturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden	11 4 4 10 6 4 4 3 3 6 10 9 3	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
aturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain	11 4 4 10 6 4 4 3 3 6 10 9 3 3	30Y 50Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y 11Y 50Y 50Y
aturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland	11 4 4 10 6 4 4 3 3 6 10 9 3 3 4	30Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
isturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 4 4 3	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
aturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES	11 4 4 10 6 4 4 3 3 6 10 9 3 3 4 3 9	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
aturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 3 4 3 3 3	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 11Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50
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aturities .	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 3 4 3 9	30Y 50Y 50Y 30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
laturities	Australia Austria Belgium Canada Demmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU IBRD	11 4 4 10 6 4 4 3 3 6 10 9 3 3 4 3 9 3 4 9 3 4 9	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
laturities	Australia Austria Belejium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU IBRD ESM	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 4 3 9 3 4 3 9 3 4 3 9 9	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
Taturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netheriand Norway Portugal Spain Sweden Switzerland UK UK USA CADES EFSF EIB EU IBRD ESM Rentenbank	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 3 4 3 9 12 12 12	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
faturities	Australia Austria Belejium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU IBRD ESM	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 4 3 9 3 4 3 9 3 4 3 9 9	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
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laturities	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netheriand Norway Portugal Spain Sweden Switzerland UK UK USA CADES EFSF EIB EU IBRD ESM Rentenbank	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 4 3 9 3 3 4 3 9 3 3 4 3 9 9 3 3 4 3 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
	Australia Austria Belgium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU IBRD ESM Rentenbank KFW	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 3 4 4 3 9 12 12 12 4 2 3	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5
aturities	Australia Austria Belejium Canada Denmark Finland France Germany Italy Japan Netherland Norway Portugal Spain Sweden Switzerland UK USA CADES EFSF EIB EU IBRD ESM Rentenbank KFW	11 4 4 10 6 4 4 4 3 3 6 10 9 3 3 3 4 4 3 9 12 12 12 4 2 3	30Y 50Y 50Y 50Y 50Y 50Y 50Y 50Y 5

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