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⁽¹⁾ Text with EEA relevance.

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⁽¹⁾ Text with EEA relevance.

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⁽¹⁾ Text with EEA relevance.

II

(Non-legislative acts)

REGULATIONS

COMMISSION DELEGATED REGULATION (EU) 2018/728

of 24 January 2018

supplementing Regulation (EU) No 575/2013 of the European Parliament and of the Council with regard to regulatory technical standards for procedures for excluding transactions with non-financial counterparties established in a third country from the own funds requirement for credit valuation adjustment risk

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation (EU) No 648/2012 ⁽¹⁾, and in particular the fourth subparagraph of Article 382(5) thereof,

Whereas:

- (1) Pursuant to point (a) of Article 382(4) of Regulation (EU) No 575/2013, transactions between an institution, on the one hand, and a non-financial counterparty as defined in point (9) of Article 2 of Regulation (EU) No 648/2012 of the European Parliament and of the Council ⁽²⁾, on the other hand, that do not exceed the clearing threshold referred to in Article 10(3) and Article 10(4) of that Regulation (EU) No 648/2012, are excluded from the own funds requirements for credit valuation adjustment (CVA) risk, irrespective of whether that non-financial counterparty is established in the Union or in a third country.
- (2) Point (9) of Article 2 of Regulation (EU) No 648/2012 defines a 'non-financial counterparty' as an undertaking established in the Union. As a result, the clearing threshold referred to in Article 10(1) of that Regulation does not apply to non-financial counterparties established in a third country.
- (3) Article 382(4) of Regulation (EU) No 575/2013 does not differentiate between non-financial counterparties established in the Union and non-financial counterparties established in a third country. To ensure a level playing field, the same rules should apply to non-financial counterparties established in the Union and non-financial counterparties established in a third country.
- (4) Article 11 of Commission Delegated Regulation (EU) No 149/2013 ⁽³⁾ sets out clearing threshold values per class of OTC derivatives, as required by point (b) of Article 10(4) of Regulation (EU) No 648/2012. Recital 25 of Delegated Regulation (EU) No 149/2013 clarifies that the 'excess of one of the values set for a class of OTC derivatives should trigger the excess of the clearing threshold for all classes'.

⁽¹⁾ OJ L 176, 27.6.2013, p. 338.

⁽²⁾ Regulation (EU) No 648/2012 of the European Parliament and of the Council of 4 July 2012 on OTC derivatives, central counterparties and trade repositories (OJ L 201, 27.7.2012, p. 1).

⁽³⁾ Commission Delegated Regulation (EU) No 149/2013 of 19 December 2012 supplementing Regulation (EU) No 648/2012 of the European Parliament and of the Council with regard to regulatory technical standards on indirect clearing arrangements, the clearing obligation, the public register, access to a trading venue, non-financial counterparties, and risk mitigation techniques for OTC derivatives contracts not cleared by a CCP (OJ L 52, 23.2.2013, p. 11).

- (5) For a contract to be exempt until the date of its maturity, as laid down in the last subparagraph of Article 382(4) of Regulation (EU) No 575/2013, it should be sufficient that the requirements of that Regulation are met at contract inception. There might be cases, however, where an institution enters into trades with a given non-financial counterparty very frequently, and in some cases, on a daily basis. Verification of whether the status of the non-financial counterparty established in a third country is accurately reflected in the institution's own funds requirements for CVA risk may in those cases impose a disproportionate burden on the institution. It is therefore appropriate to provide for an alternative in the form of an annual verification of the status of the non-financial counterparty established in a third country. The frequency of verification should be increased to quarterly, however, where the gross notional amount of transactions for a class of OTC derivatives by a non-financial counterparty is close to exceeding the clearing threshold for that class. That should allow for more frequent monitoring of whether that clearing threshold has been exceeded, given the higher likelihood that this will be the case.
- (6) Article 382(4)(a) of Regulation (EU) No 575/2013 states that transactions with non-financial counterparties, that do not exceed the clearing threshold specified in paragraphs 3 and 4 of Article 10 of Regulation (EU) No 648/2012, shall be excluded from the own funds requirements for CVA risk. Therefore, where, following the assessment set out in Regulation (EU) No 575/2013, an institution discovers that one of its counterparties established in a third country either does not qualify as a non-financial counterparty or where the transactions concerned exceed the clearing threshold as specified therein, the institution is required to compute own funds requirements for CVA risk in accordance with Title VI of that Regulation for all OTC derivative instruments with that counterparty that fall within the scope of Article 382(1) of that Regulation.
- (7) This Regulation is based on the draft regulatory technical standards developed in cooperation with the European Securities and Markets Authority and submitted by the European Banking Authority to the Commission.
- (8) The European Banking Authority has conducted open public consultations on the draft regulatory technical standards on which this Regulation is based, analysed the potential related costs and benefits, and requested the opinion of the Banking Stakeholder Group established in accordance with Article 37 of Regulation (EU) No 1093/2010 ⁽¹⁾,

HAS ADOPTED THIS REGULATION:

Article 1

1. For the purposes of point (a) of Article 382(4) of Regulation (EU) No 575/2013, institutions shall consider as non-financial counterparties established in a third country, counterparties that meet both of the following conditions:
- (a) they are established in a third country;
- (b) they would qualify as a non-financial counterparty within the meaning of point (9) of Article 2 of Regulation (EU) No 648/2012 if they were established in the Union.
2. Institutions shall verify whether a counterparty is a non-financial counterparty established in a third country:
- (a) at trade inception when trading with a new counterparty;
- (b) on an annual basis for existing counterparties;
- (c) where there is reason to believe that the counterparty is no longer a non-financial counterparty established in a third country.
3. Institutions shall substantiate their opinion that an undertaking is a non-financial counterparty established in a third country.

Article 2

1. For the purpose of excluding transactions with a non-financial counterparty established in a third country from the own funds requirements for CVA risk in accordance with point (a) of Article 382(4) of Regulation (EU) No 575/2013, institutions shall verify, for each class of OTC derivative contracts referred to in Article 11 of Delegated

⁽¹⁾ Regulation (EU) No 1093/2010 of the European Parliament and of the Council of 24 November 2010 establishing a European Supervisory Authority (European Banking Authority), amending Decision No 716/2009/EC and repealing Commission Decision 2009/78/EC (OJ L 331, 15.12.2010, p. 12).

Regulation (EU) No 149/2013, that the gross notional value of the OTC derivative contracts of that non-financial counterparty within that class does not exceed the relevant clearing threshold referred to in Article 11 of that Regulation.

2. Institutions shall carry out the verification referred to in paragraph 1 in one of the following cases:

- (a) at the inception of each new trade with that counterparty;
- (b) on a periodic basis.

3. For the purpose of point (b) of paragraph 2, the periodic verification shall be performed in accordance with one of the following frequencies:

- (a) on an annual basis;
- (b) on a quarterly basis, where for any of the classes of OTC derivatives the gross notional value of OTC derivatives transactions of the non-financial counterparty established in a third country is greater than 75 % of the clearing threshold value for that class referred to in Article 11 of Delegated Regulation (EU) No 149/2013.

4. Institutions shall substantiate their opinion that, for each class of OTC derivatives contracts referred to in Article 11 of Delegated Regulation (EU) No 149/2013, the gross notional value of the OTC derivative contracts of a non-financial counterparty established in a third country, for that class, does not exceed the corresponding clearing threshold referred to in that Article.

Article 3

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 24 January 2018.

For the Commission
The President
Jean-Claude JUNCKER

COMMISSION DELEGATED REGULATION (EU) 2018/729**of 26 February 2018****amending Regulation (EC) No 273/2004 of the European Parliament and of the Council and Council Regulation (EC) No 111/2005 as regards the inclusion of certain drug precursors in the list of scheduled substances****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 273/2004 of the European Parliament and of the Council of 11 February 2004 on drug precursors ⁽¹⁾, and in particular Article 15 thereof,

Having regard to Council Regulation (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Union and third countries in drug precursors ⁽²⁾, and in particular Article 30a thereof,

Whereas:

- (1) Annex I to Regulation (EC) No 273/2004 and the Annex to Regulation (EC) No 111/2005 each contain a list of scheduled substances which are subject to a number of harmonised control and monitoring measures provided for by those Regulations.
- (2) By means of Decisions 60/12/EC and 60/13/EC of the Commission on Narcotic Drugs of the United Nations, taken at its sixtieth session on 16 March 2017, 4-anilino-N-phenethylpiperidine (ANPP) and N-phenethyl-4-piperidone (NPP) have been added to Table I of the United Nations Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances of 19 December 1988 ⁽³⁾ (the '1988 UN Convention').
- (3) The purpose of Regulation (EC) No 273/2004 and Regulation (EC) No 111/2005 is to implement Article 12 of the 1988 UN Convention in the Union. ANPP and NPP should consequently be added to Annex I to Regulation (EC) No 273/2004 and to the Annex to Regulation (EC) No 111/2005.
- (4) The scheduled substances listed in those Annexes are divided into categories for which different measures apply, so as to achieve a proportionate balance between the level of threat posed by each specific substance and the burden on licit trade. The strictest control and monitoring measures apply to substances of category 1. For example, substances of category 1 need to be stored in secured premises and each operator dealing with these substances needs a licence.
- (5) ANPP is an immediate precursor of fentanyl and acetyl fentanyl. NPP can either be used as a starting material for ANPP, which can subsequently be synthesised into fentanyl, or it can be a direct precursor of a number of fentanyl analogues. In other words, both substances can be easily transformed into fentanyl or fentanyl analogues.
- (6) The misuse and abuse of fentanyl and fentanyl analogues are causing serious social and public health problems (in particular, a growing number of overdose deaths) in some regions of the Union. There are indications that substantial illegal fentanyl manufacture on the basis of ANPP and NPP is taking place in the Union. To address this problem, import controls on ANPP and NPP should be introduced.
- (7) There is only limited lawful production, trade and use of ANPP and NPP in the Union. The scheduling of these substances in category 1 would consequently entail only a limited extra administrative burden for economic operators and competent authorities in the Union. Moreover, consultation with economic operators and Member States showed that there is a clear preference for listing both substances as category 1 substances in the Regulations.
- (8) In the light of the considerations in recitals 5, 6 and 7, ANPP and NPP should be scheduled as category 1 substances in Annex I to Regulation (EC) No 273/2004 and in the Annex to Regulation (EC) No 111/2005.

⁽¹⁾ OJ L 47, 18.2.2004, p. 1.

⁽²⁾ OJ L 22, 26.1.2005, p. 1.

⁽³⁾ OJ L 326, 24.11.1990, p. 57.

- (9) Regulation (EC) No 273/2004 and Regulation (EC) No 111/2005 should therefore be amended accordingly.
- (10) Given there is some lawful production, trade and use of ANPP and NPP in the Union, economic operators and competent authorities should be given sufficient time to adapt to the amendments made by this Regulation.
- (11) Regulation (EC) No 273/2004 and Regulation (EC) No 111/2005 jointly implement certain provisions of the 1988 UN Convention. In view of the close material link between those two Regulations it is justified to adopt the amendments by way of one single delegated act,

HAS ADOPTED THIS REGULATION:

Article 1

Amendment to Regulation (EC) No 273/2004

In Annex I to Regulation (EC) No 273/2004, in the table for Category 1 scheduled substances, the following entries are inserted in the list of substances in the appropriate place sequentially according to their CN Code:

Substance	CN designation (if different)	CN code	CAS No
'4-anilino-N-phenethylpiperidine (ANPP)		2933 39 99	21409-26-7
N-phenethyl-4-piperidone (NPP)		2933 39 99	39742-60-4'.

Article 2

Amendment to Regulation (EC) No 111/2005

In the Annex to Regulation (EC) No 111/2005, in the table for Category 1 scheduled substances, the following entries are inserted in the list of substances in the appropriate place sequentially according to their CN Code:

Substance	CN designation (if different)	CN code	CAS No
'4-anilino-N-phenethylpiperidine (ANPP)		2933 39 99	21409-26-7
N-phenethyl-4-piperidone (NPP)		2933 39 99	39742-60-4'.

Article 3

Entry into force and application

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 7 July 2018.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 26 February 2018.

For the Commission
The President
Jean-Claude JUNCKER

COMMISSION IMPLEMENTING REGULATION (EU) 2018/730**of 4 May 2018****laying down technical information for the calculation of technical provisions and basic own funds for reporting with reference dates from 31 March 2018 until 29 June 2018 in accordance with Directive 2009/138/EC of the European Parliament and of the Council on the taking-up and pursuit of the business of Insurance and Reinsurance****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2009/138/EC of the European Parliament and of the Council of 25 November 2009 on the taking-up and pursuit of the business of Insurance and Reinsurance (Solvency II) ⁽¹⁾, and in particular the third subparagraph of Article 77e(2) thereof,

Whereas:

- (1) In order to ensure uniform conditions for the calculation of technical provisions and basic own funds by insurance and reinsurance undertakings for the purposes of Directive 2009/138/EC, technical information on relevant risk-free interest rate term structures, fundamental spreads for the calculation of the matching adjustment and volatility adjustments should be laid down for every reference date.
- (2) Insurance and re-insurance undertakings should use the technical information, which is based on market data related to the end of the last month preceding the first reporting reference date to which this Regulation applies. On 6 April 2018, the European Insurance and Occupational Pensions Authority provided the Commission with the technical information related to end of March 2018 market data. That information was published on 6 April 2018 in accordance with Article 77e(1) of Directive 2009/138/EC.
- (3) Given the need for the immediate availability of the technical information, it is important that this Regulation enters into force as a matter of urgency.
- (4) For prudential reasons it is necessary that insurance and reinsurance undertakings use the same technical information for calculating technical provisions and basic own funds irrespective of the date on which they report to their competent authorities. This Regulation should therefore apply from the first reporting reference date to which this Regulation applies.
- (5) To provide legal certainty as soon as possible, it is duly justified on imperative grounds of urgency related to the availability of the relevant risk-free interest rate term structure that measures provided for in this Regulation be adopted in accordance with Article 8, in conjunction with Article 4, of Regulation (EU) No 182/2011 of the European Parliament and of the Council ⁽²⁾,

HAS ADOPTED THIS REGULATION:

Article 1

1. Insurance and reinsurance undertakings shall use the technical information referred to in paragraph 2 when calculating technical provisions and basic own funds for reporting with reference dates from 31 March 2018 until 29 June 2018.
2. For each relevant currency, the technical information used to calculate the best estimate in accordance with Article 77 of Directive 2009/138/EC, the matching adjustment in accordance with Article 77c of that Directive and the volatility adjustment in accordance with Article 77d of that Directive shall be the following:
 - (a) the relevant risk-free rate term structures set out in Annex I;
 - (b) the fundamental spreads for the calculation of the matching adjustment set out in Annex II;
 - (c) for each relevant national insurance market, the volatility adjustments set out in Annex III.

⁽¹⁾ OJ L 335, 17.12.2009, p. 1.

⁽²⁾ Regulation (EU) No 182/2011 of the European Parliament and of the Council of 16 February 2011 laying down the rules and general principles concerning mechanisms for control by Member States of the Commission's exercise of implementing powers (OJ L 55, 28.2.2011, p. 13).

Article 2

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 31 March 2018.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 4 May 2018.

For the Commission

The President

Jean-Claude JUNKER

ANNEX I

Relevant risk-free interest rate term structures to calculate the best estimate, without any matching adjustment or volatility adjustment

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
1	– 0,362 %	0,918 %	– 0,372 %	0,021 %	– 0,450 %	0,056 %
2	– 0,258 %	1,171 %	– 0,268 %	0,547 %	– 0,263 %	0,322 %
3	– 0,083 %	1,336 %	– 0,093 %	0,724 %	– 0,025 %	0,579 %
4	0,104 %	1,454 %	0,094 %	1,027 %	0,198 %	0,833 %
5	0,285 %	1,537 %	0,274 %	1,348 %	0,410 %	1,138 %
6	0,418 %	1,589 %	0,408 %	1,710 %	0,592 %	1,439 %
7	0,556 %	1,624 %	0,546 %	1,966 %	0,756 %	1,695 %
8	0,672 %	1,654 %	0,662 %	2,158 %	0,901 %	1,888 %
9	0,783 %	1,683 %	0,773 %	2,309 %	1,027 %	2,020 %
10	0,884 %	1,712 %	0,874 %	2,453 %	1,133 %	2,129 %
11	0,975 %	1,742 %	0,965 %	2,585 %	1,277 %	2,226 %
12	1,056 %	1,770 %	1,045 %	2,703 %	1,441 %	2,314 %
13	1,127 %	1,794 %	1,117 %	2,809 %	1,604 %	2,393 %
14	1,186 %	1,820 %	1,176 %	2,904 %	1,757 %	2,465 %
15	1,233 %	1,852 %	1,222 %	2,988 %	1,897 %	2,532 %
16	1,266 %	1,891 %	1,256 %	3,063 %	2,024 %	2,593 %
17	1,293 %	1,937 %	1,283 %	3,130 %	2,138 %	2,650 %
18	1,320 %	1,986 %	1,309 %	3,189 %	2,242 %	2,703 %
19	1,350 %	2,038 %	1,339 %	3,243 %	2,335 %	2,752 %
20	1,387 %	2,090 %	1,376 %	3,292 %	2,419 %	2,799 %
21	1,431 %	2,142 %	1,421 %	3,337 %	2,496 %	2,842 %
22	1,482 %	2,194 %	1,472 %	3,378 %	2,566 %	2,883 %
23	1,537 %	2,245 %	1,528 %	3,415 %	2,630 %	2,921 %
24	1,595 %	2,295 %	1,585 %	3,450 %	2,689 %	2,957 %
25	1,653 %	2,344 %	1,643 %	3,482 %	2,743 %	2,991 %
26	1,711 %	2,390 %	1,702 %	3,512 %	2,793 %	3,024 %
27	1,770 %	2,436 %	1,761 %	3,540 %	2,839 %	3,054 %
28	1,827 %	2,480 %	1,818 %	3,566 %	2,882 %	3,083 %
29	1,883 %	2,522 %	1,875 %	3,591 %	2,922 %	3,111 %
30	1,938 %	2,562 %	1,930 %	3,614 %	2,959 %	3,137 %
31	1,991 %	2,601 %	1,983 %	3,636 %	2,994 %	3,162 %
32	2,043 %	2,639 %	2,035 %	3,656 %	3,027 %	3,186 %
33	2,093 %	2,675 %	2,086 %	3,675 %	3,058 %	3,208 %
34	2,141 %	2,709 %	2,134 %	3,694 %	3,087 %	3,230 %
35	2,188 %	2,742 %	2,181 %	3,711 %	3,114 %	3,250 %
36	2,233 %	2,774 %	2,226 %	3,727 %	3,140 %	3,270 %
37	2,276 %	2,805 %	2,269 %	3,743 %	3,165 %	3,289 %
38	2,318 %	2,834 %	2,311 %	3,758 %	3,188 %	3,307 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
39	2,358 %	2,862 %	2,351 %	3,772 %	3,210 %	3,324 %
40	2,396 %	2,889 %	2,390 %	3,785 %	3,231 %	3,341 %
41	2,433 %	2,915 %	2,427 %	3,798 %	3,251 %	3,357 %
42	2,469 %	2,940 %	2,463 %	3,811 %	3,270 %	3,372 %
43	2,503 %	2,964 %	2,497 %	3,822 %	3,288 %	3,386 %
44	2,536 %	2,988 %	2,531 %	3,834 %	3,305 %	3,400 %
45	2,568 %	3,010 %	2,562 %	3,845 %	3,322 %	3,414 %
46	2,599 %	3,031 %	2,593 %	3,855 %	3,337 %	3,427 %
47	2,628 %	3,052 %	2,623 %	3,865 %	3,352 %	3,439 %
48	2,657 %	3,072 %	2,651 %	3,875 %	3,367 %	3,451 %
49	2,684 %	3,091 %	2,679 %	3,884 %	3,381 %	3,463 %
50	2,710 %	3,109 %	2,705 %	3,893 %	3,394 %	3,474 %
51	2,736 %	3,127 %	2,731 %	3,901 %	3,407 %	3,485 %
52	2,760 %	3,144 %	2,755 %	3,910 %	3,419 %	3,495 %
53	2,784 %	3,161 %	2,779 %	3,918 %	3,431 %	3,506 %
54	2,807 %	3,177 %	2,802 %	3,925 %	3,443 %	3,515 %
55	2,829 %	3,192 %	2,824 %	3,933 %	3,454 %	3,525 %
56	2,850 %	3,207 %	2,846 %	3,940 %	3,464 %	3,534 %
57	2,871 %	3,222 %	2,866 %	3,947 %	3,475 %	3,543 %
58	2,891 %	3,236 %	2,886 %	3,954 %	3,484 %	3,551 %
59	2,910 %	3,249 %	2,906 %	3,960 %	3,494 %	3,559 %
60	2,929 %	3,262 %	2,925 %	3,966 %	3,503 %	3,567 %
61	2,947 %	3,275 %	2,943 %	3,973 %	3,512 %	3,575 %
62	2,965 %	3,287 %	2,960 %	3,979 %	3,521 %	3,582 %
63	2,982 %	3,299 %	2,978 %	3,984 %	3,529 %	3,590 %
64	2,998 %	3,311 %	2,994 %	3,990 %	3,537 %	3,597 %
65	3,014 %	3,322 %	3,010 %	3,995 %	3,545 %	3,604 %
66	3,030 %	3,333 %	3,026 %	4,001 %	3,553 %	3,610 %
67	3,045 %	3,344 %	3,041 %	4,006 %	3,560 %	3,617 %
68	3,059 %	3,354 %	3,056 %	4,011 %	3,567 %	3,623 %
69	3,074 %	3,364 %	3,070 %	4,015 %	3,574 %	3,629 %
70	3,087 %	3,374 %	3,084 %	4,020 %	3,581 %	3,635 %
71	3,101 %	3,383 %	3,097 %	4,025 %	3,588 %	3,641 %
72	3,114 %	3,392 %	3,110 %	4,029 %	3,594 %	3,646 %
73	3,127 %	3,401 %	3,123 %	4,033 %	3,600 %	3,652 %
74	3,139 %	3,410 %	3,136 %	4,038 %	3,606 %	3,657 %
75	3,151 %	3,418 %	3,148 %	4,042 %	3,612 %	3,662 %
76	3,163 %	3,427 %	3,160 %	4,046 %	3,618 %	3,668 %
77	3,174 %	3,435 %	3,171 %	4,050 %	3,624 %	3,672 %
78	3,186 %	3,442 %	3,182 %	4,053 %	3,629 %	3,677 %
79	3,196 %	3,450 %	3,193 %	4,057 %	3,634 %	3,682 %
80	3,207 %	3,458 %	3,204 %	4,061 %	3,640 %	3,686 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
81	3,217 %	3,465 %	3,214 %	4,064 %	3,645 %	3,691 %
82	3,228 %	3,472 %	3,224 %	4,068 %	3,650 %	3,695 %
83	3,237 %	3,479 %	3,234 %	4,071 %	3,654 %	3,700 %
84	3,247 %	3,486 %	3,244 %	4,074 %	3,659 %	3,704 %
85	3,256 %	3,492 %	3,253 %	4,078 %	3,664 %	3,708 %
86	3,266 %	3,499 %	3,263 %	4,081 %	3,668 %	3,712 %
87	3,275 %	3,505 %	3,272 %	4,084 %	3,673 %	3,716 %
88	3,283 %	3,511 %	3,280 %	4,087 %	3,677 %	3,719 %
89	3,292 %	3,517 %	3,289 %	4,090 %	3,681 %	3,723 %
90	3,300 %	3,523 %	3,297 %	4,093 %	3,685 %	3,727 %
91	3,309 %	3,529 %	3,306 %	4,095 %	3,689 %	3,730 %
92	3,317 %	3,535 %	3,314 %	4,098 %	3,693 %	3,734 %
93	3,324 %	3,540 %	3,322 %	4,101 %	3,697 %	3,737 %
94	3,332 %	3,546 %	3,329 %	4,103 %	3,701 %	3,740 %
95	3,340 %	3,551 %	3,337 %	4,106 %	3,704 %	3,744 %
96	3,347 %	3,556 %	3,344 %	4,109 %	3,708 %	3,747 %
97	3,354 %	3,561 %	3,352 %	4,111 %	3,711 %	3,750 %
98	3,361 %	3,566 %	3,359 %	4,113 %	3,715 %	3,753 %
99	3,368 %	3,571 %	3,366 %	4,116 %	3,718 %	3,756 %
100	3,375 %	3,576 %	3,372 %	4,118 %	3,722 %	3,759 %
101	3,382 %	3,580 %	3,379 %	4,120 %	3,725 %	3,762 %
102	3,388 %	3,585 %	3,386 %	4,123 %	3,728 %	3,765 %
103	3,395 %	3,589 %	3,392 %	4,125 %	3,731 %	3,767 %
104	3,401 %	3,594 %	3,398 %	4,127 %	3,734 %	3,770 %
105	3,407 %	3,598 %	3,405 %	4,129 %	3,737 %	3,773 %
106	3,413 %	3,602 %	3,411 %	4,131 %	3,740 %	3,775 %
107	3,419 %	3,607 %	3,417 %	4,133 %	3,743 %	3,778 %
108	3,425 %	3,611 %	3,423 %	4,135 %	3,746 %	3,780 %
109	3,431 %	3,615 %	3,428 %	4,137 %	3,749 %	3,783 %
110	3,436 %	3,619 %	3,434 %	4,139 %	3,751 %	3,785 %
111	3,442 %	3,623 %	3,439 %	4,141 %	3,754 %	3,788 %
112	3,447 %	3,626 %	3,445 %	4,143 %	3,757 %	3,790 %
113	3,452 %	3,630 %	3,450 %	4,145 %	3,759 %	3,792 %
114	3,458 %	3,634 %	3,455 %	4,147 %	3,762 %	3,795 %
115	3,463 %	3,637 %	3,461 %	4,148 %	3,764 %	3,797 %
116	3,468 %	3,641 %	3,466 %	4,150 %	3,767 %	3,799 %
117	3,473 %	3,644 %	3,471 %	4,152 %	3,769 %	3,801 %
118	3,478 %	3,648 %	3,476 %	4,153 %	3,772 %	3,803 %
119	3,483 %	3,651 %	3,480 %	4,155 %	3,774 %	3,805 %
120	3,487 %	3,655 %	3,485 %	4,157 %	3,776 %	3,807 %
121	3,492 %	3,658 %	3,490 %	4,158 %	3,779 %	3,809 %
122	3,496 %	3,661 %	3,494 %	4,160 %	3,781 %	3,811 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
123	3,501 %	3,664 %	3,499 %	4,161 %	3,783 %	3,813 %
124	3,505 %	3,667 %	3,503 %	4,163 %	3,785 %	3,815 %
125	3,510 %	3,670 %	3,508 %	4,164 %	3,787 %	3,817 %
126	3,514 %	3,673 %	3,512 %	4,166 %	3,789 %	3,819 %
127	3,518 %	3,676 %	3,516 %	4,167 %	3,791 %	3,821 %
128	3,522 %	3,679 %	3,520 %	4,169 %	3,793 %	3,822 %
129	3,526 %	3,682 %	3,524 %	4,170 %	3,795 %	3,824 %
130	3,530 %	3,685 %	3,528 %	4,172 %	3,797 %	3,826 %
131	3,534 %	3,688 %	3,532 %	4,173 %	3,799 %	3,828 %
132	3,538 %	3,690 %	3,536 %	4,174 %	3,801 %	3,829 %
133	3,542 %	3,693 %	3,540 %	4,176 %	3,803 %	3,831 %
134	3,546 %	3,696 %	3,544 %	4,177 %	3,805 %	3,833 %
135	3,550 %	3,698 %	3,548 %	4,178 %	3,807 %	3,834 %
136	3,553 %	3,701 %	3,551 %	4,179 %	3,808 %	3,836 %
137	3,557 %	3,704 %	3,555 %	4,181 %	3,810 %	3,837 %
138	3,560 %	3,706 %	3,559 %	4,182 %	3,812 %	3,839 %
139	3,564 %	3,709 %	3,562 %	4,183 %	3,814 %	3,840 %
140	3,567 %	3,711 %	3,566 %	4,184 %	3,815 %	3,842 %
141	3,571 %	3,713 %	3,569 %	4,185 %	3,817 %	3,843 %
142	3,574 %	3,716 %	3,572 %	4,187 %	3,819 %	3,845 %
143	3,578 %	3,718 %	3,576 %	4,188 %	3,820 %	3,846 %
144	3,581 %	3,720 %	3,579 %	4,189 %	3,822 %	3,848 %
145	3,584 %	3,723 %	3,582 %	4,190 %	3,823 %	3,849 %
146	3,587 %	3,725 %	3,585 %	4,191 %	3,825 %	3,851 %
147	3,590 %	3,727 %	3,589 %	4,192 %	3,826 %	3,852 %
148	3,593 %	3,729 %	3,592 %	4,193 %	3,828 %	3,853 %
149	3,597 %	3,731 %	3,595 %	4,194 %	3,829 %	3,855 %
150	3,600 %	3,734 %	3,598 %	4,195 %	3,831 %	3,856 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
1	– 0,412 %	0,853 %	2,355 %	1,208 %	4,679 %	1,123 %
2	– 0,308 %	1,018 %	2,817 %	1,365 %	4,740 %	1,399 %
3	– 0,133 %	1,131 %	3,252 %	1,659 %	4,820 %	1,564 %
4	0,054 %	1,212 %	3,632 %	2,004 %	4,867 %	1,702 %
5	0,234 %	1,255 %	3,934 %	2,312 %	4,900 %	1,820 %
6	0,367 %	1,294 %	4,118 %	2,554 %	4,933 %	1,919 %
7	0,505 %	1,328 %	4,236 %	2,776 %	4,970 %	1,997 %
8	0,621 %	1,359 %	4,332 %	2,917 %	5,000 %	2,060 %
9	0,732 %	1,388 %	4,425 %	3,026 %	5,015 %	2,112 %
10	0,833 %	1,409 %	4,498 %	3,130 %	5,018 %	2,160 %
11	0,924 %	1,432 %	4,551 %	3,219 %	5,014 %	2,211 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
12	1,004 %	1,447 %	4,588 %	3,292 %	5,004 %	2,265 %
13	1,075 %	1,458 %	4,613 %	3,354 %	4,990 %	2,320 %
14	1,135 %	1,466 %	4,629 %	3,407 %	4,974 %	2,374 %
15	1,181 %	1,473 %	4,639 %	3,453 %	4,956 %	2,427 %
16	1,214 %	1,477 %	4,644 %	3,493 %	4,937 %	2,480 %
17	1,241 %	1,480 %	4,644 %	3,528 %	4,917 %	2,530 %
18	1,267 %	1,481 %	4,642 %	3,560 %	4,897 %	2,579 %
19	1,297 %	1,480 %	4,638 %	3,587 %	4,876 %	2,625 %
20	1,335 %	1,481 %	4,632 %	3,612 %	4,856 %	2,670 %
21	1,380 %	1,477 %	4,624 %	3,635 %	4,836 %	2,713 %
22	1,432 %	1,470 %	4,615 %	3,655 %	4,816 %	2,754 %
23	1,488 %	1,461 %	4,606 %	3,674 %	4,797 %	2,794 %
24	1,546 %	1,452 %	4,596 %	3,691 %	4,778 %	2,831 %
25	1,606 %	1,444 %	4,586 %	3,706 %	4,760 %	2,867 %
26	1,666 %	1,438 %	4,576 %	3,720 %	4,742 %	2,901 %
27	1,725 %	1,432 %	4,566 %	3,734 %	4,725 %	2,934 %
28	1,784 %	1,425 %	4,555 %	3,746 %	4,708 %	2,965 %
29	1,841 %	1,417 %	4,545 %	3,757 %	4,692 %	2,995 %
30	1,897 %	1,407 %	4,534 %	3,767 %	4,676 %	3,024 %
31	1,951 %	1,394 %	4,524 %	3,777 %	4,661 %	3,051 %
32	2,004 %	1,380 %	4,514 %	3,786 %	4,646 %	3,077 %
33	2,055 %	1,367 %	4,504 %	3,795 %	4,632 %	3,102 %
34	2,104 %	1,355 %	4,495 %	3,803 %	4,618 %	3,126 %
35	2,152 %	1,345 %	4,485 %	3,811 %	4,605 %	3,149 %
36	2,198 %	1,336 %	4,476 %	3,818 %	4,592 %	3,171 %
37	2,242 %	1,329 %	4,467 %	3,824 %	4,580 %	3,192 %
38	2,284 %	1,321 %	4,458 %	3,831 %	4,568 %	3,212 %
39	2,325 %	1,311 %	4,450 %	3,837 %	4,557 %	3,231 %
40	2,364 %	1,297 %	4,442 %	3,842 %	4,546 %	3,250 %
41	2,402 %	1,280 %	4,434 %	3,848 %	4,535 %	3,268 %
42	2,439 %	1,262 %	4,426 %	3,853 %	4,525 %	3,285 %
43	2,474 %	1,245 %	4,419 %	3,858 %	4,515 %	3,301 %
44	2,507 %	1,229 %	4,411 %	3,862 %	4,506 %	3,317 %
45	2,540 %	1,216 %	4,404 %	3,867 %	4,497 %	3,332 %
46	2,571 %	1,207 %	4,397 %	3,871 %	4,488 %	3,347 %
47	2,601 %	1,202 %	4,391 %	3,875 %	4,479 %	3,361 %
48	2,630 %	1,203 %	4,384 %	3,879 %	4,471 %	3,375 %
49	2,658 %	1,208 %	4,378 %	3,882 %	4,463 %	3,388 %
50	2,685 %	1,219 %	4,372 %	3,886 %	4,455 %	3,400 %
51	2,710 %	1,235 %	4,366 %	3,889 %	4,448 %	3,412 %
52	2,735 %	1,256 %	4,361 %	3,893 %	4,441 %	3,424 %
53	2,760 %	1,281 %	4,355 %	3,896 %	4,434 %	3,436 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
54	2,783 %	1,308 %	4,350 %	3,899 %	4,427 %	3,447 %
55	2,805 %	1,337 %	4,345 %	3,901 %	4,420 %	3,457 %
56	2,827 %	1,368 %	4,340 %	3,904 %	4,414 %	3,468 %
57	2,848 %	1,399 %	4,335 %	3,907 %	4,408 %	3,477 %
58	2,869 %	1,432 %	4,330 %	3,909 %	4,402 %	3,487 %
59	2,888 %	1,465 %	4,326 %	3,912 %	4,396 %	3,496 %
60	2,907 %	1,498 %	4,321 %	3,914 %	4,390 %	3,505 %
61	2,926 %	1,532 %	4,317 %	3,917 %	4,385 %	3,514 %
62	2,944 %	1,565 %	4,313 %	3,919 %	4,380 %	3,523 %
63	2,961 %	1,598 %	4,309 %	3,921 %	4,375 %	3,531 %
64	2,978 %	1,631 %	4,305 %	3,923 %	4,370 %	3,539 %
65	2,994 %	1,663 %	4,301 %	3,925 %	4,365 %	3,547 %
66	3,010 %	1,695 %	4,297 %	3,927 %	4,360 %	3,554 %
67	3,025 %	1,727 %	4,294 %	3,929 %	4,356 %	3,561 %
68	3,040 %	1,758 %	4,290 %	3,931 %	4,351 %	3,568 %
69	3,055 %	1,788 %	4,287 %	3,933 %	4,347 %	3,575 %
70	3,069 %	1,818 %	4,283 %	3,934 %	4,343 %	3,582 %
71	3,083 %	1,847 %	4,280 %	3,936 %	4,339 %	3,589 %
72	3,096 %	1,876 %	4,277 %	3,938 %	4,335 %	3,595 %
73	3,109 %	1,904 %	4,274 %	3,939 %	4,331 %	3,601 %
74	3,122 %	1,932 %	4,271 %	3,941 %	4,327 %	3,607 %
75	3,134 %	1,959 %	4,268 %	3,942 %	4,323 %	3,613 %
76	3,146 %	1,985 %	4,265 %	3,944 %	4,320 %	3,619 %
77	3,158 %	2,011 %	4,262 %	3,945 %	4,316 %	3,624 %
78	3,169 %	2,036 %	4,260 %	3,946 %	4,313 %	3,630 %
79	3,180 %	2,061 %	4,257 %	3,948 %	4,310 %	3,635 %
80	3,191 %	2,085 %	4,255 %	3,949 %	4,306 %	3,640 %
81	3,201 %	2,108 %	4,252 %	3,950 %	4,303 %	3,645 %
82	3,212 %	2,132 %	4,250 %	3,952 %	4,300 %	3,650 %
83	3,222 %	2,154 %	4,247 %	3,953 %	4,297 %	3,655 %
84	3,232 %	2,176 %	4,245 %	3,954 %	4,294 %	3,660 %
85	3,241 %	2,198 %	4,243 %	3,955 %	4,291 %	3,664 %
86	3,251 %	2,219 %	4,240 %	3,956 %	4,289 %	3,669 %
87	3,260 %	2,240 %	4,238 %	3,957 %	4,286 %	3,673 %
88	3,269 %	2,260 %	4,236 %	3,958 %	4,283 %	3,677 %
89	3,277 %	2,280 %	4,234 %	3,959 %	4,281 %	3,681 %
90	3,286 %	2,299 %	4,232 %	3,960 %	4,278 %	3,685 %
91	3,294 %	2,318 %	4,230 %	3,961 %	4,276 %	3,689 %
92	3,303 %	2,337 %	4,228 %	3,962 %	4,273 %	3,693 %
93	3,311 %	2,355 %	4,226 %	3,963 %	4,271 %	3,697 %
94	3,318 %	2,373 %	4,224 %	3,964 %	4,268 %	3,701 %
95	3,326 %	2,390 %	4,222 %	3,965 %	4,266 %	3,705 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
96	3,334 %	2,407 %	4,221 %	3,966 %	4,264 %	3,708 %
97	3,341 %	2,424 %	4,219 %	3,967 %	4,262 %	3,712 %
98	3,348 %	2,440 %	4,217 %	3,968 %	4,259 %	3,715 %
99	3,355 %	2,456 %	4,215 %	3,969 %	4,257 %	3,719 %
100	3,362 %	2,472 %	4,214 %	3,969 %	4,255 %	3,722 %
101	3,369 %	2,488 %	4,212 %	3,970 %	4,253 %	3,725 %
102	3,376 %	2,503 %	4,211 %	3,971 %	4,251 %	3,728 %
103	3,382 %	2,518 %	4,209 %	3,972 %	4,249 %	3,731 %
104	3,388 %	2,532 %	4,207 %	3,973 %	4,247 %	3,734 %
105	3,395 %	2,547 %	4,206 %	3,973 %	4,245 %	3,737 %
106	3,401 %	2,561 %	4,205 %	3,974 %	4,244 %	3,740 %
107	3,407 %	2,575 %	4,203 %	3,975 %	4,242 %	3,743 %
108	3,413 %	2,588 %	4,202 %	3,975 %	4,240 %	3,746 %
109	3,419 %	2,601 %	4,200 %	3,976 %	4,238 %	3,749 %
110	3,424 %	2,615 %	4,199 %	3,977 %	4,237 %	3,752 %
111	3,430 %	2,627 %	4,198 %	3,977 %	4,235 %	3,754 %
112	3,436 %	2,640 %	4,196 %	3,978 %	4,233 %	3,757 %
113	3,441 %	2,652 %	4,195 %	3,979 %	4,232 %	3,760 %
114	3,446 %	2,665 %	4,194 %	3,979 %	4,230 %	3,762 %
115	3,452 %	2,677 %	4,192 %	3,980 %	4,228 %	3,765 %
116	3,457 %	2,688 %	4,191 %	3,981 %	4,227 %	3,767 %
117	3,462 %	2,700 %	4,190 %	3,981 %	4,225 %	3,769 %
118	3,467 %	2,711 %	4,189 %	3,982 %	4,224 %	3,772 %
119	3,472 %	2,722 %	4,188 %	3,982 %	4,222 %	3,774 %
120	3,476 %	2,733 %	4,186 %	3,983 %	4,221 %	3,776 %
121	3,481 %	2,744 %	4,185 %	3,983 %	4,220 %	3,779 %
122	3,486 %	2,755 %	4,184 %	3,984 %	4,218 %	3,781 %
123	3,490 %	2,765 %	4,183 %	3,985 %	4,217 %	3,783 %
124	3,495 %	2,776 %	4,182 %	3,985 %	4,216 %	3,785 %
125	3,499 %	2,786 %	4,181 %	3,986 %	4,214 %	3,787 %
126	3,504 %	2,796 %	4,180 %	3,986 %	4,213 %	3,789 %
127	3,508 %	2,805 %	4,179 %	3,987 %	4,212 %	3,791 %
128	3,512 %	2,815 %	4,178 %	3,987 %	4,210 %	3,794 %
129	3,516 %	2,825 %	4,177 %	3,988 %	4,209 %	3,795 %
130	3,520 %	2,834 %	4,176 %	3,988 %	4,208 %	3,797 %
131	3,524 %	2,843 %	4,175 %	3,989 %	4,207 %	3,799 %
132	3,528 %	2,852 %	4,174 %	3,989 %	4,205 %	3,801 %
133	3,532 %	2,861 %	4,173 %	3,989 %	4,204 %	3,803 %
134	3,536 %	2,870 %	4,172 %	3,990 %	4,203 %	3,805 %
135	3,540 %	2,879 %	4,171 %	3,990 %	4,202 %	3,807 %
136	3,544 %	2,887 %	4,170 %	3,991 %	4,201 %	3,809 %
137	3,547 %	2,896 %	4,170 %	3,991 %	4,200 %	3,810 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
138	3,551 %	2,904 %	4,169 %	3,992 %	4,199 %	3,812 %
139	3,555 %	2,912 %	4,168 %	3,992 %	4,198 %	3,814 %
140	3,558 %	2,920 %	4,167 %	3,993 %	4,197 %	3,815 %
141	3,562 %	2,928 %	4,166 %	3,993 %	4,196 %	3,817 %
142	3,565 %	2,936 %	4,165 %	3,993 %	4,195 %	3,819 %
143	3,568 %	2,944 %	4,165 %	3,994 %	4,194 %	3,820 %
144	3,572 %	2,952 %	4,164 %	3,994 %	4,193 %	3,822 %
145	3,575 %	2,959 %	4,163 %	3,995 %	4,192 %	3,824 %
146	3,578 %	2,967 %	4,162 %	3,995 %	4,191 %	3,825 %
147	3,582 %	2,974 %	4,161 %	3,995 %	4,190 %	3,827 %
148	3,585 %	2,981 %	4,161 %	3,996 %	4,189 %	3,828 %
149	3,588 %	2,988 %	4,160 %	3,996 %	4,188 %	3,830 %
150	3,591 %	2,995 %	4,159 %	3,996 %	4,187 %	3,831 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
1	– 0,739 %	1,934 %	1,209 %	1,884 %	2,511 %	4,407 %
2	– 0,610 %	2,034 %	1,381 %	1,980 %	2,913 %	4,756 %
3	– 0,453 %	2,145 %	1,550 %	2,095 %	3,178 %	5,183 %
4	– 0,299 %	2,251 %	1,735 %	2,159 %	3,400 %	5,440 %
5	– 0,176 %	2,335 %	1,886 %	2,187 %	3,610 %	5,714 %
6	– 0,053 %	2,425 %	2,018 %	2,215 %	3,784 %	5,910 %
7	0,063 %	2,497 %	2,129 %	2,241 %	3,924 %	6,198 %
8	0,147 %	2,562 %	2,221 %	2,267 %	4,035 %	6,327 %
9	0,230 %	2,619 %	2,299 %	2,298 %	4,124 %	6,325 %
10	0,310 %	2,661 %	2,372 %	2,321 %	4,194 %	6,419 %
11	0,379 %	2,707 %	2,441 %	2,349 %	4,249 %	6,503 %
12	0,443 %	2,754 %	2,506 %	2,378 %	4,292 %	6,552 %
13	0,498 %	2,795 %	2,563 %	2,399 %	4,327 %	6,574 %
14	0,545 %	2,829 %	2,616 %	2,416 %	4,354 %	6,576 %
15	0,598 %	2,856 %	2,666 %	2,431 %	4,376 %	6,563 %
16	0,641 %	2,877 %	2,713 %	2,445 %	4,394 %	6,540 %
17	0,674 %	2,893 %	2,757 %	2,457 %	4,408 %	6,509 %
18	0,699 %	2,904 %	2,800 %	2,466 %	4,420 %	6,471 %
19	0,719 %	2,913 %	2,841 %	2,469 %	4,429 %	6,430 %
20	0,734 %	2,920 %	2,880 %	2,467 %	4,437 %	6,386 %
21	0,746 %	2,925 %	2,917 %	2,460 %	4,443 %	6,341 %
22	0,758 %	2,928 %	2,952 %	2,449 %	4,448 %	6,294 %
23	0,772 %	2,928 %	2,986 %	2,437 %	4,452 %	6,247 %
24	0,790 %	2,925 %	3,018 %	2,426 %	4,454 %	6,200 %
25	0,813 %	2,919 %	3,048 %	2,416 %	4,457 %	6,153 %
26	0,843 %	2,910 %	3,077 %	2,410 %	4,458 %	6,107 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
27	0,877 %	2,900 %	3,105 %	2,407 %	4,459 %	6,062 %
28	0,914 %	2,891 %	3,131 %	2,407 %	4,460 %	6,018 %
29	0,953 %	2,884 %	3,156 %	2,412 %	4,460 %	5,976 %
30	0,994 %	2,882 %	3,181 %	2,421 %	4,460 %	5,934 %
31	1,036 %	2,884 %	3,204 %	2,435 %	4,460 %	5,894 %
32	1,078 %	2,890 %	3,226 %	2,453 %	4,459 %	5,855 %
33	1,119 %	2,899 %	3,247 %	2,473 %	4,459 %	5,818 %
34	1,161 %	2,911 %	3,267 %	2,495 %	4,458 %	5,781 %
35	1,202 %	2,924 %	3,286 %	2,519 %	4,457 %	5,747 %
36	1,242 %	2,939 %	3,304 %	2,543 %	4,456 %	5,713 %
37	1,281 %	2,955 %	3,322 %	2,569 %	4,455 %	5,680 %
38	1,319 %	2,971 %	3,339 %	2,594 %	4,453 %	5,649 %
39	1,356 %	2,988 %	3,355 %	2,620 %	4,452 %	5,619 %
40	1,392 %	3,005 %	3,371 %	2,646 %	4,451 %	5,590 %
41	1,427 %	3,023 %	3,386 %	2,672 %	4,449 %	5,563 %
42	1,461 %	3,040 %	3,400 %	2,697 %	4,448 %	5,536 %
43	1,494 %	3,058 %	3,414 %	2,722 %	4,447 %	5,510 %
44	1,526 %	3,075 %	3,428 %	2,747 %	4,445 %	5,485 %
45	1,556 %	3,092 %	3,441 %	2,771 %	4,444 %	5,461 %
46	1,586 %	3,109 %	3,453 %	2,794 %	4,443 %	5,438 %
47	1,615 %	3,126 %	3,465 %	2,817 %	4,441 %	5,416 %
48	1,643 %	3,142 %	3,476 %	2,840 %	4,440 %	5,395 %
49	1,670 %	3,158 %	3,487 %	2,862 %	4,439 %	5,374 %
50	1,696 %	3,173 %	3,498 %	2,883 %	4,437 %	5,355 %
51	1,721 %	3,188 %	3,508 %	2,904 %	4,436 %	5,335 %
52	1,745 %	3,203 %	3,518 %	2,924 %	4,435 %	5,317 %
53	1,769 %	3,218 %	3,528 %	2,943 %	4,434 %	5,299 %
54	1,792 %	3,232 %	3,537 %	2,963 %	4,432 %	5,282 %
55	1,814 %	3,245 %	3,546 %	2,981 %	4,431 %	5,265 %
56	1,835 %	3,259 %	3,555 %	2,999 %	4,430 %	5,249 %
57	1,856 %	3,272 %	3,563 %	3,016 %	4,429 %	5,234 %
58	1,876 %	3,284 %	3,572 %	3,033 %	4,428 %	5,218 %
59	1,895 %	3,296 %	3,579 %	3,050 %	4,427 %	5,204 %
60	1,914 %	3,308 %	3,587 %	3,066 %	4,425 %	5,190 %
61	1,932 %	3,320 %	3,594 %	3,081 %	4,424 %	5,176 %
62	1,950 %	3,331 %	3,602 %	3,096 %	4,423 %	5,163 %
63	1,967 %	3,342 %	3,609 %	3,111 %	4,422 %	5,150 %
64	1,984 %	3,353 %	3,615 %	3,125 %	4,421 %	5,138 %
65	2,000 %	3,363 %	3,622 %	3,139 %	4,420 %	5,126 %
66	2,016 %	3,373 %	3,628 %	3,153 %	4,419 %	5,114 %
67	2,031 %	3,383 %	3,635 %	3,166 %	4,418 %	5,103 %
68	2,046 %	3,393 %	3,641 %	3,179 %	4,417 %	5,091 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
69	2,060 %	3,402 %	3,646 %	3,191 %	4,417 %	5,081 %
70	2,074 %	3,411 %	3,652 %	3,203 %	4,416 %	5,070 %
71	2,088 %	3,420 %	3,658 %	3,215 %	4,415 %	5,060 %
72	2,101 %	3,429 %	3,663 %	3,226 %	4,414 %	5,050 %
73	2,114 %	3,437 %	3,668 %	3,237 %	4,413 %	5,041 %
74	2,126 %	3,445 %	3,673 %	3,248 %	4,412 %	5,031 %
75	2,138 %	3,453 %	3,678 %	3,259 %	4,412 %	5,022 %
76	2,150 %	3,461 %	3,683 %	3,269 %	4,411 %	5,013 %
77	2,162 %	3,468 %	3,688 %	3,279 %	4,410 %	5,005 %
78	2,173 %	3,476 %	3,693 %	3,289 %	4,409 %	4,996 %
79	2,184 %	3,483 %	3,697 %	3,298 %	4,409 %	4,988 %
80	2,195 %	3,490 %	3,701 %	3,308 %	4,408 %	4,980 %
81	2,206 %	3,497 %	3,706 %	3,317 %	4,407 %	4,972 %
82	2,216 %	3,504 %	3,710 %	3,326 %	4,407 %	4,965 %
83	2,226 %	3,510 %	3,714 %	3,334 %	4,406 %	4,957 %
84	2,236 %	3,517 %	3,718 %	3,343 %	4,405 %	4,950 %
85	2,245 %	3,523 %	3,722 %	3,351 %	4,405 %	4,943 %
86	2,254 %	3,529 %	3,726 %	3,359 %	4,404 %	4,936 %
87	2,264 %	3,535 %	3,729 %	3,367 %	4,403 %	4,929 %
88	2,272 %	3,541 %	3,733 %	3,375 %	4,403 %	4,923 %
89	2,281 %	3,546 %	3,736 %	3,382 %	4,402 %	4,916 %
90	2,290 %	3,552 %	3,740 %	3,390 %	4,402 %	4,910 %
91	2,298 %	3,557 %	3,743 %	3,397 %	4,401 %	4,904 %
92	2,306 %	3,563 %	3,747 %	3,404 %	4,401 %	4,898 %
93	2,314 %	3,568 %	3,750 %	3,411 %	4,400 %	4,892 %
94	2,322 %	3,573 %	3,753 %	3,418 %	4,399 %	4,886 %
95	2,329 %	3,578 %	3,756 %	3,424 %	4,399 %	4,881 %
96	2,337 %	3,583 %	3,759 %	3,431 %	4,398 %	4,875 %
97	2,344 %	3,588 %	3,762 %	3,437 %	4,398 %	4,870 %
98	2,351 %	3,592 %	3,765 %	3,443 %	4,397 %	4,864 %
99	2,358 %	3,597 %	3,768 %	3,450 %	4,397 %	4,859 %
100	2,365 %	3,602 %	3,771 %	3,456 %	4,397 %	4,854 %
101	2,372 %	3,606 %	3,774 %	3,461 %	4,396 %	4,849 %
102	2,379 %	3,610 %	3,776 %	3,467 %	4,396 %	4,844 %
103	2,385 %	3,615 %	3,779 %	3,473 %	4,395 %	4,839 %
104	2,392 %	3,619 %	3,782 %	3,478 %	4,395 %	4,835 %
105	2,398 %	3,623 %	3,784 %	3,484 %	4,394 %	4,830 %
106	2,404 %	3,627 %	3,787 %	3,489 %	4,394 %	4,825 %
107	2,410 %	3,631 %	3,789 %	3,494 %	4,394 %	4,821 %
108	2,416 %	3,635 %	3,791 %	3,499 %	4,393 %	4,817 %
109	2,422 %	3,638 %	3,794 %	3,505 %	4,393 %	4,812 %
110	2,427 %	3,642 %	3,796 %	3,509 %	4,392 %	4,808 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
111	2,433 %	3,646 %	3,798 %	3,514 %	4,392 %	4,804 %
112	2,439 %	3,649 %	3,801 %	3,519 %	4,392 %	4,800 %
113	2,444 %	3,653 %	3,803 %	3,524 %	4,391 %	4,796 %
114	2,449 %	3,657 %	3,805 %	3,528 %	4,391 %	4,792 %
115	2,454 %	3,660 %	3,807 %	3,533 %	4,391 %	4,788 %
116	2,460 %	3,663 %	3,809 %	3,537 %	4,390 %	4,784 %
117	2,465 %	3,667 %	3,811 %	3,542 %	4,390 %	4,781 %
118	2,470 %	3,670 %	3,813 %	3,546 %	4,389 %	4,777 %
119	2,474 %	3,673 %	3,815 %	3,550 %	4,389 %	4,773 %
120	2,479 %	3,676 %	3,817 %	3,554 %	4,389 %	4,770 %
121	2,484 %	3,679 %	3,819 %	3,558 %	4,389 %	4,766 %
122	2,488 %	3,682 %	3,821 %	3,562 %	4,388 %	4,763 %
123	2,493 %	3,685 %	3,823 %	3,566 %	4,388 %	4,760 %
124	2,498 %	3,688 %	3,825 %	3,570 %	4,388 %	4,756 %
125	2,502 %	3,691 %	3,827 %	3,574 %	4,387 %	4,753 %
126	2,506 %	3,694 %	3,828 %	3,578 %	4,387 %	4,750 %
127	2,511 %	3,697 %	3,830 %	3,582 %	4,387 %	4,747 %
128	2,515 %	3,699 %	3,832 %	3,585 %	4,386 %	4,744 %
129	2,519 %	3,702 %	3,834 %	3,589 %	4,386 %	4,740 %
130	2,523 %	3,705 %	3,835 %	3,592 %	4,386 %	4,737 %
131	2,527 %	3,707 %	3,837 %	3,596 %	4,386 %	4,734 %
132	2,531 %	3,710 %	3,838 %	3,599 %	4,385 %	4,732 %
133	2,535 %	3,713 %	3,840 %	3,603 %	4,385 %	4,729 %
134	2,539 %	3,715 %	3,842 %	3,606 %	4,385 %	4,726 %
135	2,542 %	3,718 %	3,843 %	3,609 %	4,385 %	4,723 %
136	2,546 %	3,720 %	3,845 %	3,613 %	4,384 %	4,720 %
137	2,550 %	3,722 %	3,846 %	3,616 %	4,384 %	4,718 %
138	2,553 %	3,725 %	3,848 %	3,619 %	4,384 %	4,715 %
139	2,557 %	3,727 %	3,849 %	3,622 %	4,384 %	4,712 %
140	2,561 %	3,729 %	3,851 %	3,625 %	4,383 %	4,710 %
141	2,564 %	3,732 %	3,852 %	3,628 %	4,383 %	4,707 %
142	2,567 %	3,734 %	3,853 %	3,631 %	4,383 %	4,705 %
143	2,571 %	3,736 %	3,855 %	3,634 %	4,383 %	4,702 %
144	2,574 %	3,738 %	3,856 %	3,637 %	4,382 %	4,700 %
145	2,577 %	3,741 %	3,857 %	3,640 %	4,382 %	4,697 %
146	2,581 %	3,743 %	3,859 %	3,642 %	4,382 %	4,695 %
147	2,584 %	3,745 %	3,860 %	3,645 %	4,382 %	4,693 %
148	2,587 %	3,747 %	3,861 %	3,648 %	4,381 %	4,690 %
149	2,590 %	3,749 %	3,863 %	3,651 %	4,381 %	4,688 %
150	2,593 %	3,751 %	3,864 %	3,653 %	4,381 %	4,686 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
1	1,701 %	6,558 %	7,822 %	0,296 %	1,978 %	6,674 %
2	2,060 %	6,744 %	7,533 %	0,397 %	2,126 %	6,684 %
3	2,243 %	6,947 %	7,359 %	0,483 %	2,278 %	6,800 %
4	2,339 %	7,126 %	7,329 %	0,559 %	2,416 %	6,938 %
5	2,412 %	7,273 %	7,339 %	0,629 %	2,548 %	7,080 %
6	2,462 %	7,394 %	7,398 %	0,707 %	2,668 %	7,227 %
7	2,496 %	7,480 %	7,481 %	0,763 %	2,778 %	7,365 %
8	2,523 %	7,554 %	7,565 %	0,833 %	2,874 %	7,487 %
9	2,553 %	7,607 %	7,646 %	0,900 %	2,957 %	7,600 %
10	2,594 %	7,640 %	7,719 %	0,950 %	3,030 %	7,702 %
11	2,647 %	7,649 %	7,785 %	1,014 %	3,101 %	7,802 %
12	2,697 %	7,638 %	7,844 %	1,090 %	3,167 %	7,898 %
13	2,733 %	7,614 %	7,896 %	1,173 %	3,222 %	7,986 %
14	2,762 %	7,581 %	7,944 %	1,260 %	3,269 %	8,060 %
15	2,788 %	7,540 %	7,988 %	1,348 %	3,310 %	8,112 %
16	2,816 %	7,495 %	8,028 %	1,435 %	3,345 %	8,137 %
17	2,846 %	7,447 %	8,061 %	1,520 %	3,376 %	8,141 %
18	2,876 %	7,397 %	8,085 %	1,603 %	3,404 %	8,128 %
19	2,906 %	7,346 %	8,097 %	1,683 %	3,429 %	8,102 %
20	2,936 %	7,295 %	8,094 %	1,759 %	3,453 %	8,066 %
21	2,966 %	7,244 %	8,077 %	1,833 %	3,474 %	8,023 %
22	2,995 %	7,193 %	8,047 %	1,904 %	3,494 %	7,974 %
23	3,023 %	7,144 %	8,007 %	1,971 %	3,513 %	7,922 %
24	3,051 %	7,095 %	7,961 %	2,035 %	3,530 %	7,867 %
25	3,078 %	7,048 %	7,909 %	2,097 %	3,547 %	7,811 %
26	3,104 %	7,002 %	7,853 %	2,155 %	3,562 %	7,754 %
27	3,129 %	6,958 %	7,795 %	2,211 %	3,576 %	7,696 %
28	3,153 %	6,915 %	7,735 %	2,264 %	3,590 %	7,640 %
29	3,176 %	6,873 %	7,675 %	2,315 %	3,603 %	7,584 %
30	3,199 %	6,833 %	7,614 %	2,364 %	3,615 %	7,529 %
31	3,220 %	6,795 %	7,554 %	2,410 %	3,627 %	7,475 %
32	3,241 %	6,758 %	7,495 %	2,454 %	3,638 %	7,422 %
33	3,261 %	6,722 %	7,437 %	2,496 %	3,648 %	7,371 %
34	3,280 %	6,688 %	7,380 %	2,536 %	3,658 %	7,322 %
35	3,298 %	6,655 %	7,325 %	2,575 %	3,668 %	7,274 %
36	3,316 %	6,623 %	7,271 %	2,612 %	3,677 %	7,228 %
37	3,333 %	6,593 %	7,219 %	2,647 %	3,686 %	7,183 %
38	3,350 %	6,563 %	7,169 %	2,681 %	3,694 %	7,140 %
39	3,365 %	6,535 %	7,120 %	2,713 %	3,702 %	7,099 %
40	3,381 %	6,508 %	7,073 %	2,744 %	3,710 %	7,059 %
41	3,395 %	6,482 %	7,027 %	2,773 %	3,717 %	7,020 %
42	3,409 %	6,457 %	6,983 %	2,802 %	3,724 %	6,983 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
43	3,423 %	6,433 %	6,941 %	2,829 %	3,731 %	6,948 %
44	3,436 %	6,410 %	6,901 %	2,855 %	3,738 %	6,913 %
45	3,448 %	6,387 %	6,861 %	2,881 %	3,744 %	6,880 %
46	3,461 %	6,366 %	6,823 %	2,905 %	3,750 %	6,848 %
47	3,472 %	6,345 %	6,787 %	2,928 %	3,756 %	6,817 %
48	3,484 %	6,325 %	6,752 %	2,951 %	3,761 %	6,788 %
49	3,494 %	6,306 %	6,718 %	2,972 %	3,767 %	6,759 %
50	3,505 %	6,288 %	6,685 %	2,993 %	3,772 %	6,732 %
51	3,515 %	6,270 %	6,654 %	3,013 %	3,777 %	6,705 %
52	3,525 %	6,253 %	6,624 %	3,032 %	3,782 %	6,680 %
53	3,534 %	6,236 %	6,594 %	3,051 %	3,787 %	6,655 %
54	3,544 %	6,220 %	6,566 %	3,069 %	3,791 %	6,631 %
55	3,552 %	6,204 %	6,539 %	3,087 %	3,796 %	6,608 %
56	3,561 %	6,189 %	6,512 %	3,103 %	3,800 %	6,586 %
57	3,569 %	6,175 %	6,487 %	3,120 %	3,804 %	6,564 %
58	3,577 %	6,161 %	6,462 %	3,135 %	3,808 %	6,544 %
59	3,585 %	6,147 %	6,438 %	3,151 %	3,812 %	6,523 %
60	3,593 %	6,134 %	6,415 %	3,165 %	3,816 %	6,504 %
61	3,600 %	6,121 %	6,393 %	3,180 %	3,820 %	6,485 %
62	3,607 %	6,109 %	6,371 %	3,194 %	3,823 %	6,467 %
63	3,614 %	6,097 %	6,350 %	3,207 %	3,827 %	6,449 %
64	3,621 %	6,085 %	6,330 %	3,220 %	3,830 %	6,432 %
65	3,627 %	6,074 %	6,310 %	3,233 %	3,833 %	6,415 %
66	3,633 %	6,063 %	6,291 %	3,245 %	3,836 %	6,399 %
67	3,640 %	6,053 %	6,272 %	3,257 %	3,839 %	6,384 %
68	3,646 %	6,042 %	6,254 %	3,268 %	3,842 %	6,368 %
69	3,651 %	6,032 %	6,237 %	3,280 %	3,845 %	6,354 %
70	3,657 %	6,023 %	6,220 %	3,290 %	3,848 %	6,339 %
71	3,662 %	6,013 %	6,203 %	3,301 %	3,851 %	6,325 %
72	3,668 %	6,004 %	6,187 %	3,311 %	3,854 %	6,312 %
73	3,673 %	5,995 %	6,172 %	3,321 %	3,856 %	6,298 %
74	3,678 %	5,986 %	6,156 %	3,331 %	3,859 %	6,286 %
75	3,683 %	5,978 %	6,141 %	3,341 %	3,861 %	6,273 %
76	3,688 %	5,970 %	6,127 %	3,350 %	3,864 %	6,261 %
77	3,692 %	5,962 %	6,113 %	3,359 %	3,866 %	6,249 %
78	3,697 %	5,954 %	6,099 %	3,368 %	3,868 %	6,238 %
79	3,701 %	5,946 %	6,086 %	3,376 %	3,871 %	6,226 %
80	3,706 %	5,939 %	6,073 %	3,385 %	3,873 %	6,215 %
81	3,710 %	5,931 %	6,060 %	3,393 %	3,875 %	6,205 %
82	3,714 %	5,924 %	6,048 %	3,401 %	3,877 %	6,194 %
83	3,718 %	5,917 %	6,036 %	3,409 %	3,879 %	6,184 %
84	3,722 %	5,911 %	6,024 %	3,416 %	3,881 %	6,174 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
85	3,726 %	5,904 %	6,013 %	3,424 %	3,883 %	6,164 %
86	3,730 %	5,897 %	6,001 %	3,431 %	3,885 %	6,155 %
87	3,733 %	5,891 %	5,990 %	3,438 %	3,887 %	6,145 %
88	3,737 %	5,885 %	5,980 %	3,445 %	3,889 %	6,136 %
89	3,740 %	5,879 %	5,969 %	3,452 %	3,891 %	6,127 %
90	3,744 %	5,873 %	5,959 %	3,458 %	3,892 %	6,119 %
91	3,747 %	5,867 %	5,949 %	3,465 %	3,894 %	6,110 %
92	3,750 %	5,862 %	5,939 %	3,471 %	3,896 %	6,102 %
93	3,754 %	5,856 %	5,929 %	3,477 %	3,897 %	6,094 %
94	3,757 %	5,851 %	5,920 %	3,483 %	3,899 %	6,086 %
95	3,760 %	5,846 %	5,911 %	3,489 %	3,901 %	6,078 %
96	3,763 %	5,840 %	5,902 %	3,495 %	3,902 %	6,071 %
97	3,766 %	5,835 %	5,893 %	3,501 %	3,904 %	6,063 %
98	3,769 %	5,830 %	5,884 %	3,507 %	3,905 %	6,056 %
99	3,772 %	5,825 %	5,876 %	3,512 %	3,907 %	6,049 %
100	3,774 %	5,821 %	5,868 %	3,517 %	3,908 %	6,042 %
101	3,777 %	5,816 %	5,860 %	3,523 %	3,909 %	6,035 %
102	3,780 %	5,811 %	5,852 %	3,528 %	3,911 %	6,028 %
103	3,782 %	5,807 %	5,844 %	3,533 %	3,912 %	6,021 %
104	3,785 %	5,803 %	5,836 %	3,538 %	3,913 %	6,015 %
105	3,787 %	5,798 %	5,829 %	3,543 %	3,915 %	6,009 %
106	3,790 %	5,794 %	5,821 %	3,547 %	3,916 %	6,002 %
107	3,792 %	5,790 %	5,814 %	3,552 %	3,917 %	5,996 %
108	3,795 %	5,786 %	5,807 %	3,557 %	3,918 %	5,990 %
109	3,797 %	5,782 %	5,800 %	3,561 %	3,920 %	5,984 %
110	3,799 %	5,778 %	5,793 %	3,566 %	3,921 %	5,979 %
111	3,802 %	5,774 %	5,786 %	3,570 %	3,922 %	5,973 %
112	3,804 %	5,770 %	5,780 %	3,574 %	3,923 %	5,967 %
113	3,806 %	5,766 %	5,773 %	3,579 %	3,924 %	5,962 %
114	3,808 %	5,763 %	5,767 %	3,583 %	3,925 %	5,956 %
115	3,810 %	5,759 %	5,761 %	3,587 %	3,926 %	5,951 %
116	3,812 %	5,756 %	5,754 %	3,591 %	3,928 %	5,946 %
117	3,814 %	5,752 %	5,748 %	3,595 %	3,929 %	5,941 %
118	3,816 %	5,749 %	5,743 %	3,598 %	3,930 %	5,936 %
119	3,818 %	5,745 %	5,737 %	3,602 %	3,931 %	5,931 %
120	3,820 %	5,742 %	5,731 %	3,606 %	3,932 %	5,926 %
121	3,822 %	5,739 %	5,725 %	3,610 %	3,933 %	5,921 %
122	3,824 %	5,736 %	5,720 %	3,613 %	3,934 %	5,917 %
123	3,826 %	5,733 %	5,714 %	3,617 %	3,934 %	5,912 %
124	3,828 %	5,729 %	5,709 %	3,620 %	3,935 %	5,907 %
125	3,829 %	5,726 %	5,704 %	3,624 %	3,936 %	5,903 %
126	3,831 %	5,723 %	5,698 %	3,627 %	3,937 %	5,899 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
127	3,833 %	5,720 %	5,693 %	3,630 %	3,938 %	5,894 %
128	3,835 %	5,718 %	5,688 %	3,634 %	3,939 %	5,890 %
129	3,836 %	5,715 %	5,683 %	3,637 %	3,940 %	5,886 %
130	3,838 %	5,712 %	5,678 %	3,640 %	3,941 %	5,882 %
131	3,839 %	5,709 %	5,674 %	3,643 %	3,942 %	5,878 %
132	3,841 %	5,706 %	5,669 %	3,646 %	3,942 %	5,874 %
133	3,843 %	5,704 %	5,664 %	3,649 %	3,943 %	5,870 %
134	3,844 %	5,701 %	5,660 %	3,652 %	3,944 %	5,866 %
135	3,846 %	5,698 %	5,655 %	3,655 %	3,945 %	5,862 %
136	3,847 %	5,696 %	5,651 %	3,658 %	3,946 %	5,858 %
137	3,849 %	5,693 %	5,646 %	3,661 %	3,946 %	5,854 %
138	3,850 %	5,691 %	5,642 %	3,664 %	3,947 %	5,851 %
139	3,852 %	5,688 %	5,638 %	3,667 %	3,948 %	5,847 %
140	3,853 %	5,686 %	5,633 %	3,669 %	3,948 %	5,844 %
141	3,854 %	5,684 %	5,629 %	3,672 %	3,949 %	5,840 %
142	3,856 %	5,681 %	5,625 %	3,675 %	3,950 %	5,837 %
143	3,857 %	5,679 %	5,621 %	3,677 %	3,951 %	5,833 %
144	3,858 %	5,677 %	5,617 %	3,680 %	3,951 %	5,830 %
145	3,860 %	5,674 %	5,613 %	3,682 %	3,952 %	5,827 %
146	3,861 %	5,672 %	5,609 %	3,685 %	3,953 %	5,823 %
147	3,862 %	5,670 %	5,606 %	3,687 %	3,953 %	5,820 %
148	3,864 %	5,668 %	5,602 %	3,690 %	3,954 %	5,817 %
149	3,865 %	5,666 %	5,598 %	3,692 %	3,955 %	5,814 %
150	3,866 %	5,664 %	5,594 %	3,695 %	3,955 %	5,811 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
1	6,112 %	3,265 %	3,557 %	6,720 %	1,584 %	1,742 %
2	6,987 %	3,379 %	3,577 %	6,534 %	1,777 %	1,918 %
3	7,760 %	3,469 %	3,604 %	6,589 %	1,904 %	2,019 %
4	8,343 %	3,551 %	3,636 %	6,722 %	2,007 %	2,081 %
5	8,735 %	3,632 %	3,666 %	6,840 %	2,087 %	2,122 %
6	9,009 %	3,664 %	3,724 %	6,926 %	2,167 %	2,151 %
7	9,199 %	3,683 %	3,787 %	6,983 %	2,243 %	2,171 %
8	9,336 %	3,714 %	3,837 %	7,026 %	2,308 %	2,188 %
9	9,442 %	3,750 %	3,881 %	7,053 %	2,366 %	2,205 %
10	9,528 %	3,786 %	3,926 %	7,059 %	2,419 %	2,228 %
11	9,568 %	3,817 %	3,973 %	7,044 %	2,470 %	2,255 %
12	9,568 %	3,845 %	4,023 %	7,013 %	2,520 %	2,278 %
13	9,539 %	3,869 %	4,073 %	6,970 %	2,570 %	2,291 %
14	9,488 %	3,890 %	4,124 %	6,919 %	2,616 %	2,297 %
15	9,422 %	3,909 %	4,176 %	6,863 %	2,657 %	2,298 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
16	9,344 %	3,927 %	4,230 %	6,804 %	2,690 %	2,297 %
17	9,259 %	3,943 %	4,283 %	6,742 %	2,718 %	2,297 %
18	9,168 %	3,958 %	4,332 %	6,680 %	2,744 %	2,301 %
19	9,074 %	3,971 %	4,375 %	6,618 %	2,769 %	2,309 %
20	8,978 %	3,984 %	4,411 %	6,555 %	2,794 %	2,323 %
21	8,882 %	3,996 %	4,439 %	6,494 %	2,820 %	2,344 %
22	8,786 %	4,007 %	4,460 %	6,434 %	2,848 %	2,371 %
23	8,692 %	4,017 %	4,475 %	6,376 %	2,876 %	2,401 %
24	8,599 %	4,027 %	4,486 %	6,319 %	2,903 %	2,433 %
25	8,509 %	4,036 %	4,493 %	6,264 %	2,931 %	2,467 %
26	8,421 %	4,045 %	4,497 %	6,211 %	2,959 %	2,502 %
27	8,336 %	4,053 %	4,499 %	6,159 %	2,986 %	2,537 %
28	8,253 %	4,061 %	4,498 %	6,110 %	3,012 %	2,572 %
29	8,173 %	4,069 %	4,496 %	6,062 %	3,038 %	2,607 %
30	8,097 %	4,076 %	4,493 %	6,016 %	3,062 %	2,641 %
31	8,023 %	4,083 %	4,489 %	5,972 %	3,087 %	2,675 %
32	7,952 %	4,089 %	4,484 %	5,930 %	3,110 %	2,707 %
33	7,884 %	4,095 %	4,478 %	5,889 %	3,133 %	2,739 %
34	7,818 %	4,101 %	4,472 %	5,850 %	3,155 %	2,770 %
35	7,755 %	4,107 %	4,466 %	5,813 %	3,176 %	2,800 %
36	7,695 %	4,112 %	4,459 %	5,777 %	3,196 %	2,829 %
37	7,637 %	4,118 %	4,453 %	5,742 %	3,216 %	2,858 %
38	7,581 %	4,123 %	4,446 %	5,709 %	3,235 %	2,885 %
39	7,528 %	4,127 %	4,439 %	5,677 %	3,253 %	2,911 %
40	7,477 %	4,132 %	4,432 %	5,647 %	3,271 %	2,936 %
41	7,428 %	4,137 %	4,425 %	5,617 %	3,288 %	2,961 %
42	7,381 %	4,141 %	4,418 %	5,589 %	3,304 %	2,984 %
43	7,336 %	4,145 %	4,411 %	5,562 %	3,320 %	3,007 %
44	7,292 %	4,149 %	4,405 %	5,536 %	3,335 %	3,029 %
45	7,250 %	4,153 %	4,398 %	5,511 %	3,350 %	3,050 %
46	7,210 %	4,157 %	4,392 %	5,486 %	3,364 %	3,070 %
47	7,172 %	4,160 %	4,386 %	5,463 %	3,377 %	3,090 %
48	7,134 %	4,164 %	4,380 %	5,441 %	3,391 %	3,109 %
49	7,099 %	4,167 %	4,374 %	5,419 %	3,403 %	3,127 %
50	7,064 %	4,170 %	4,368 %	5,398 %	3,415 %	3,145 %
51	7,031 %	4,173 %	4,362 %	5,378 %	3,427 %	3,162 %
52	6,999 %	4,177 %	4,357 %	5,359 %	3,439 %	3,178 %
53	6,968 %	4,180 %	4,351 %	5,340 %	3,450 %	3,194 %
54	6,939 %	4,182 %	4,346 %	5,322 %	3,461 %	3,210 %
55	6,910 %	4,185 %	4,341 %	5,305 %	3,471 %	3,224 %
56	6,882 %	4,188 %	4,336 %	5,288 %	3,481 %	3,239 %
57	6,855 %	4,190 %	4,332 %	5,272 %	3,491 %	3,253 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
58	6,830 %	4,193 %	4,327 %	5,256 %	3,500 %	3,266 %
59	6,805 %	4,195 %	4,322 %	5,241 %	3,509 %	3,279 %
60	6,780 %	4,198 %	4,318 %	5,226 %	3,518 %	3,292 %
61	6,757 %	4,200 %	4,314 %	5,212 %	3,526 %	3,304 %
62	6,734 %	4,202 %	4,310 %	5,198 %	3,535 %	3,316 %
63	6,712 %	4,205 %	4,306 %	5,185 %	3,543 %	3,327 %
64	6,691 %	4,207 %	4,302 %	5,172 %	3,551 %	3,339 %
65	6,670 %	4,209 %	4,298 %	5,159 %	3,558 %	3,349 %
66	6,650 %	4,211 %	4,294 %	5,147 %	3,565 %	3,360 %
67	6,631 %	4,213 %	4,291 %	5,135 %	3,573 %	3,370 %
68	6,612 %	4,215 %	4,287 %	5,124 %	3,580 %	3,380 %
69	6,593 %	4,217 %	4,284 %	5,112 %	3,586 %	3,390 %
70	6,576 %	4,218 %	4,281 %	5,102 %	3,593 %	3,399 %
71	6,558 %	4,220 %	4,277 %	5,091 %	3,599 %	3,408 %
72	6,542 %	4,222 %	4,274 %	5,081 %	3,605 %	3,417 %
73	6,525 %	4,224 %	4,271 %	5,071 %	3,611 %	3,426 %
74	6,509 %	4,225 %	4,268 %	5,061 %	3,617 %	3,434 %
75	6,494 %	4,227 %	4,265 %	5,051 %	3,623 %	3,442 %
76	6,479 %	4,228 %	4,263 %	5,042 %	3,629 %	3,450 %
77	6,464 %	4,230 %	4,260 %	5,033 %	3,634 %	3,458 %
78	6,449 %	4,231 %	4,257 %	5,024 %	3,639 %	3,465 %
79	6,436 %	4,233 %	4,255 %	5,016 %	3,645 %	3,473 %
80	6,422 %	4,234 %	4,252 %	5,008 %	3,650 %	3,480 %
81	6,409 %	4,236 %	4,250 %	4,999 %	3,655 %	3,487 %
82	6,396 %	4,237 %	4,247 %	4,991 %	3,659 %	3,494 %
83	6,383 %	4,238 %	4,245 %	4,984 %	3,664 %	3,500 %
84	6,371 %	4,240 %	4,242 %	4,976 %	3,669 %	3,507 %
85	6,359 %	4,241 %	4,240 %	4,969 %	3,673 %	3,513 %
86	6,347 %	4,242 %	4,238 %	4,962 %	3,677 %	3,519 %
87	6,335 %	4,243 %	4,236 %	4,955 %	3,682 %	3,526 %
88	6,324 %	4,245 %	4,234 %	4,948 %	3,686 %	3,532 %
89	6,313 %	4,246 %	4,232 %	4,941 %	3,690 %	3,537 %
90	6,302 %	4,247 %	4,230 %	4,934 %	3,694 %	3,543 %
91	6,292 %	4,248 %	4,228 %	4,928 %	3,698 %	3,549 %
92	6,282 %	4,249 %	4,226 %	4,922 %	3,702 %	3,554 %
93	6,271 %	4,250 %	4,224 %	4,915 %	3,705 %	3,559 %
94	6,262 %	4,251 %	4,222 %	4,909 %	3,709 %	3,565 %
95	6,252 %	4,252 %	4,220 %	4,904 %	3,713 %	3,570 %
96	6,243 %	4,253 %	4,218 %	4,898 %	3,716 %	3,575 %
97	6,233 %	4,254 %	4,217 %	4,892 %	3,720 %	3,579 %
98	6,224 %	4,255 %	4,215 %	4,887 %	3,723 %	3,584 %
99	6,215 %	4,256 %	4,213 %	4,881 %	3,726 %	3,589 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
100	6,207 %	4,257 %	4,212 %	4,876 %	3,729 %	3,594 %
101	6,198 %	4,258 %	4,210 %	4,871 %	3,733 %	3,598 %
102	6,190 %	4,259 %	4,208 %	4,865 %	3,736 %	3,603 %
103	6,182 %	4,260 %	4,207 %	4,860 %	3,739 %	3,607 %
104	6,174 %	4,261 %	4,205 %	4,856 %	3,742 %	3,611 %
105	6,166 %	4,262 %	4,204 %	4,851 %	3,745 %	3,615 %
106	6,158 %	4,262 %	4,203 %	4,846 %	3,748 %	3,619 %
107	6,150 %	4,263 %	4,201 %	4,841 %	3,750 %	3,623 %
108	6,143 %	4,264 %	4,200 %	4,837 %	3,753 %	3,627 %
109	6,136 %	4,265 %	4,198 %	4,832 %	3,756 %	3,631 %
110	6,129 %	4,266 %	4,197 %	4,828 %	3,759 %	3,635 %
111	6,121 %	4,266 %	4,196 %	4,824 %	3,761 %	3,639 %
112	6,115 %	4,267 %	4,194 %	4,819 %	3,764 %	3,642 %
113	6,108 %	4,268 %	4,193 %	4,815 %	3,766 %	3,646 %
114	6,101 %	4,268 %	4,192 %	4,811 %	3,769 %	3,650 %
115	6,095 %	4,269 %	4,191 %	4,807 %	3,771 %	3,653 %
116	6,088 %	4,270 %	4,189 %	4,803 %	3,774 %	3,656 %
117	6,082 %	4,271 %	4,188 %	4,799 %	3,776 %	3,660 %
118	6,076 %	4,271 %	4,187 %	4,795 %	3,778 %	3,663 %
119	6,069 %	4,272 %	4,186 %	4,792 %	3,781 %	3,666 %
120	6,063 %	4,273 %	4,185 %	4,788 %	3,783 %	3,669 %
121	6,058 %	4,273 %	4,184 %	4,784 %	3,785 %	3,673 %
122	6,052 %	4,274 %	4,182 %	4,781 %	3,787 %	3,676 %
123	6,046 %	4,274 %	4,181 %	4,777 %	3,789 %	3,679 %
124	6,040 %	4,275 %	4,180 %	4,774 %	3,791 %	3,682 %
125	6,035 %	4,276 %	4,179 %	4,770 %	3,793 %	3,685 %
126	6,029 %	4,276 %	4,178 %	4,767 %	3,796 %	3,688 %
127	6,024 %	4,277 %	4,177 %	4,764 %	3,798 %	3,690 %
128	6,019 %	4,277 %	4,176 %	4,761 %	3,799 %	3,693 %
129	6,014 %	4,278 %	4,175 %	4,757 %	3,801 %	3,696 %
130	6,008 %	4,278 %	4,174 %	4,754 %	3,803 %	3,699 %
131	6,003 %	4,279 %	4,173 %	4,751 %	3,805 %	3,701 %
132	5,998 %	4,280 %	4,172 %	4,748 %	3,807 %	3,704 %
133	5,993 %	4,280 %	4,172 %	4,745 %	3,809 %	3,707 %
134	5,989 %	4,281 %	4,171 %	4,742 %	3,811 %	3,709 %
135	5,984 %	4,281 %	4,170 %	4,739 %	3,812 %	3,712 %
136	5,979 %	4,282 %	4,169 %	4,736 %	3,814 %	3,714 %
137	5,975 %	4,282 %	4,168 %	4,734 %	3,816 %	3,717 %
138	5,970 %	4,283 %	4,167 %	4,731 %	3,818 %	3,719 %
139	5,966 %	4,283 %	4,166 %	4,728 %	3,819 %	3,721 %
140	5,961 %	4,284 %	4,165 %	4,725 %	3,821 %	3,724 %
141	5,957 %	4,284 %	4,165 %	4,723 %	3,823 %	3,726 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
142	5,953 %	4,284 %	4,164 %	4,720 %	3,824 %	3,728 %
143	5,948 %	4,285 %	4,163 %	4,717 %	3,826 %	3,731 %
144	5,944 %	4,285 %	4,162 %	4,715 %	3,827 %	3,733 %
145	5,940 %	4,286 %	4,161 %	4,712 %	3,829 %	3,735 %
146	5,936 %	4,286 %	4,161 %	4,710 %	3,830 %	3,737 %
147	5,932 %	4,287 %	4,160 %	4,707 %	3,832 %	3,739 %
148	5,928 %	4,287 %	4,159 %	4,705 %	3,833 %	3,741 %
149	5,924 %	4,288 %	4,158 %	4,703 %	3,835 %	3,743 %
150	5,920 %	4,288 %	4,158 %	4,700 %	3,836 %	3,745 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
1	15,680 %	2,334 %	– 0,069 %
2	15,518 %	2,498 %	– 0,050 %
3	15,039 %	2,581 %	– 0,034 %
4	14,462 %	2,612 %	– 0,015 %
5	13,447 %	2,626 %	0,008 %
6	13,099 %	2,639 %	0,034 %
7	12,961 %	2,653 %	0,063 %
8	12,571 %	2,670 %	0,094 %
9	12,026 %	2,687 %	0,127 %
10	11,479 %	2,702 %	0,162 %
11	11,008 %	2,723 %	0,200 %
12	10,610 %	2,732 %	0,240 %
13	10,268 %	2,740 %	0,279 %
14	9,970 %	2,751 %	0,319 %
15	9,708 %	2,761 %	0,358 %
16	9,474 %	2,769 %	0,395 %
17	9,266 %	2,775 %	0,431 %
18	9,077 %	2,779 %	0,466 %
19	8,906 %	2,781 %	0,498 %
20	8,750 %	2,782 %	0,529 %
21	8,607 %	2,781 %	0,558 %
22	8,476 %	2,778 %	0,584 %
23	8,354 %	2,775 %	0,607 %
24	8,241 %	2,771 %	0,625 %
25	8,136 %	2,767 %	0,640 %
26	8,039 %	2,762 %	0,650 %
27	7,948 %	2,757 %	0,660 %
28	7,862 %	2,751 %	0,671 %
29	7,782 %	2,745 %	0,687 %
30	7,706 %	2,739 %	0,709 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
31	7,635 %	2,733 %	0,737 %
32	7,568 %	2,727 %	0,771 %
33	7,504 %	2,721 %	0,808 %
34	7,444 %	2,714 %	0,849 %
35	7,387 %	2,708 %	0,891 %
36	7,333 %	2,702 %	0,935 %
37	7,282 %	2,696 %	0,979 %
38	7,233 %	2,690 %	1,023 %
39	7,186 %	2,684 %	1,067 %
40	7,142 %	2,678 %	1,111 %
41	7,100 %	2,672 %	1,154 %
42	7,059 %	2,666 %	1,197 %
43	7,020 %	2,660 %	1,238 %
44	6,983 %	2,656 %	1,279 %
45	6,948 %	2,653 %	1,319 %
46	6,914 %	2,652 %	1,357 %
47	6,881 %	2,652 %	1,395 %
48	6,850 %	2,654 %	1,432 %
49	6,819 %	2,658 %	1,467 %
50	6,790 %	2,665 %	1,502 %
51	6,763 %	2,673 %	1,535 %
52	6,736 %	2,683 %	1,568 %
53	6,710 %	2,695 %	1,599 %
54	6,685 %	2,707 %	1,630 %
55	6,661 %	2,721 %	1,660 %
56	6,637 %	2,735 %	1,689 %
57	6,615 %	2,750 %	1,716 %
58	6,593 %	2,765 %	1,744 %
59	6,572 %	2,780 %	1,770 %
60	6,552 %	2,796 %	1,795 %
61	6,532 %	2,812 %	1,820 %
62	6,513 %	2,827 %	1,844 %
63	6,495 %	2,843 %	1,867 %
64	6,477 %	2,858 %	1,890 %
65	6,460 %	2,874 %	1,912 %
66	6,443 %	2,889 %	1,933 %
67	6,427 %	2,904 %	1,954 %
68	6,411 %	2,919 %	1,974 %
69	6,395 %	2,933 %	1,994 %
70	6,380 %	2,948 %	2,013 %
71	6,366 %	2,962 %	2,032 %
72	6,352 %	2,976 %	2,050 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
73	6,338 %	2,989 %	2,067 %
74	6,325 %	3,003 %	2,084 %
75	6,312 %	3,016 %	2,101 %
76	6,299 %	3,029 %	2,117 %
77	6,287 %	3,041 %	2,133 %
78	6,275 %	3,054 %	2,149 %
79	6,263 %	3,066 %	2,164 %
80	6,251 %	3,078 %	2,178 %
81	6,240 %	3,089 %	2,193 %
82	6,229 %	3,100 %	2,207 %
83	6,219 %	3,112 %	2,220 %
84	6,208 %	3,122 %	2,234 %
85	6,198 %	3,133 %	2,247 %
86	6,188 %	3,143 %	2,260 %
87	6,179 %	3,154 %	2,272 %
88	6,169 %	3,164 %	2,284 %
89	6,160 %	3,173 %	2,296 %
90	6,151 %	3,183 %	2,308 %
91	6,142 %	3,192 %	2,319 %
92	6,134 %	3,202 %	2,330 %
93	6,125 %	3,211 %	2,341 %
94	6,117 %	3,219 %	2,352 %
95	6,109 %	3,228 %	2,362 %
96	6,101 %	3,237 %	2,373 %
97	6,093 %	3,245 %	2,383 %
98	6,085 %	3,253 %	2,392 %
99	6,078 %	3,261 %	2,402 %
100	6,071 %	3,269 %	2,411 %
101	6,063 %	3,276 %	2,421 %
102	6,056 %	3,284 %	2,430 %
103	6,050 %	3,291 %	2,439 %
104	6,043 %	3,299 %	2,447 %
105	6,036 %	3,306 %	2,456 %
106	6,030 %	3,313 %	2,464 %
107	6,023 %	3,320 %	2,473 %
108	6,017 %	3,326 %	2,481 %
109	6,011 %	3,333 %	2,489 %
110	6,005 %	3,339 %	2,496 %
111	5,999 %	3,346 %	2,504 %
112	5,993 %	3,352 %	2,512 %
113	5,988 %	3,358 %	2,519 %
114	5,982 %	3,364 %	2,526 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
115	5,976 %	3,370 %	2,533 %
116	5,971 %	3,376 %	2,540 %
117	5,966 %	3,382 %	2,547 %
118	5,960 %	3,387 %	2,554 %
119	5,955 %	3,393 %	2,561 %
120	5,950 %	3,398 %	2,567 %
121	5,945 %	3,404 %	2,574 %
122	5,940 %	3,409 %	2,580 %
123	5,936 %	3,414 %	2,586 %
124	5,931 %	3,419 %	2,592 %
125	5,926 %	3,424 %	2,598 %
126	5,922 %	3,429 %	2,604 %
127	5,917 %	3,434 %	2,610 %
128	5,913 %	3,439 %	2,616 %
129	5,908 %	3,444 %	2,622 %
130	5,904 %	3,448 %	2,627 %
131	5,900 %	3,453 %	2,633 %
132	5,896 %	3,457 %	2,638 %
133	5,891 %	3,462 %	2,644 %
134	5,887 %	3,466 %	2,649 %
135	5,883 %	3,471 %	2,654 %
136	5,879 %	3,475 %	2,659 %
137	5,876 %	3,479 %	2,664 %
138	5,872 %	3,483 %	2,669 %
139	5,868 %	3,487 %	2,674 %
140	5,864 %	3,491 %	2,679 %
141	5,861 %	3,495 %	2,683 %
142	5,857 %	3,499 %	2,688 %
143	5,853 %	3,503 %	2,693 %
144	5,850 %	3,507 %	2,697 %
145	5,846 %	3,510 %	2,702 %
146	5,843 %	3,514 %	2,706 %
147	5,840 %	3,518 %	2,711 %
148	5,836 %	3,521 %	2,715 %
149	5,833 %	3,525 %	2,719 %
150	5,830 %	3,528 %	2,723 %

ANNEX II

Fundamental spreads for the calculation of the matching adjustment

The fundamental spreads set out in this Annex are expressed in basis points and do not include any increase in accordance with Article 77c(1)(c) of Directive 2009/138/EC.

1. Exposures to central governments and central banks

The fundamental spreads apply to exposures denominated in all currencies.

The fundamental spreads for durations from 11 to 30 years are equal to the fundamental spreads for duration 10 years.

Duration (in years)	Austria	Belgium	Bulgaria	Croatia	Czech Republic	Cyprus	Denmark
1	0	0	33	5	0	27	1
2	0	0	41	5	1	44	1
3	0	1	46	5	3	50	0
4	0	3	50	5	4	50	0
5	1	4	54	5	6	54	0
6	1	5	57	5	8	56	0
7	2	6	60	5	10	57	0
8	3	7	62	5	12	56	0
9	3	8	64	5	13	53	0
10	4	9	66	5	14	52	0

Duration (in years)	Estonia	Finland	France	Germany	Greece	Hungary	Ireland
1	0	0	0	0	418	4	17
2	0	0	0	0	256	4	24
3	1	0	0	0	226	4	27
4	3	0	0	0	196	4	28
5	4	0	0	0	179	4	29
6	5	0	0	0	175	4	30
7	6	0	0	0	172	4	31
8	7	0	1	0	177	2	32
9	8	1	3	0	178	1	33
10	9	1	3	0	181	4	33

Duration (in years)	Italy	Latvia	Lithuania	Luxembourg	Malta	Netherlands	Poland
1	6	5	5	0	17	0	4
2	14	12	12	0	24	0	4
3	18	15	16	0	27	0	4
4	20	17	18	0	28	0	4
5	22	19	20	0	29	0	4

Duration (in years)	Italy	Latvia	Lithuania	Luxembourg	Malta	Netherlands	Poland
6	23	21	21	0	30	0	4
7	25	22	23	0	31	0	4
8	26	23	24	1	32	0	4
9	28	24	25	2	33	0	4
10	29	25	26	3	33	0	4

Duration (in years)	Portugal	Romania	Slovakia	Slovenia	Spain	Sweden	United Kingdom
1	27	10	13	20	5	0	0
2	44	18	17	23	12	0	0
3	50	20	19	28	16	0	0
4	50	22	21	32	18	0	0
5	54	23	22	36	20	0	0
6	56	25	24	39	21	0	0
7	57	26	25	41	23	0	0
8	56	28	26	42	24	0	0
9	53	29	26	43	25	0	0
10	52	27	27	42	26	0	0

Duration (in years)	Liechtenstein	Norway	Switzerland	Australia	Brazil	Canada	Chile
1	0	0	0	0	12	0	17
2	0	0	0	0	12	0	19
3	0	0	0	0	12	0	18
4	0	0	0	0	12	0	18
5	0	0	0	0	12	0	16
6	0	0	0	0	12	0	15
7	0	0	0	0	12	0	14
8	0	0	0	0	12	0	15
9	0	0	0	0	12	0	16
10	0	0	0	0	12	0	13

Duration (in years)	China	Colombia	Hong Kong	India	Japan	Malaysia	Mexico
1	0	11	0	9	0	0	9
2	0	18	0	9	0	0	9
3	1	30	0	9	0	0	10
4	2	38	0	9	0	0	10
5	2	40	0	9	0	0	10
6	3	43	0	9	0	0	10
7	3	45	0	9	0	0	10
8	7	43	0	9	0	0	10
9	5	40	0	9	1	0	10
10	5	43	0	9	1	0	10

Duration (in years)	New Zealand	Russia	Singapore	South Africa	South Korea	Thailand	Taiwan
1	0	0	0	4	10	0	4
2	0	0	0	7	12	0	4
3	0	0	0	7	12	0	4
4	0	0	0	6	14	0	4
5	0	2	0	5	15	0	4
6	0	5	0	5	15	0	4
7	0	8	0	7	16	0	4
8	0	13	0	8	16	0	4
9	0	19	0	8	16	0	4
10	0	19	0	9	16	0	4

Duration (in years)	United States
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0

2. Exposures to financial institutions

2.1 Euro

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	6	21	47	125	239	575	1 181
2	6	21	47	125	239	575	970
3	7	23	47	117	235	571	804
4	8	26	50	119	234	570	674
5	10	28	55	122	234	570	572
6	11	31	59	126	234	570	570
7	12	33	61	129	234	570	570
8	12	34	60	127	234	570	570
9	12	35	60	126	234	570	570
10	13	36	60	126	234	570	570
11	13	37	60	126	234	570	570
12	14	38	60	126	234	570	570
13	14	38	60	126	234	570	570
14	14	39	60	126	234	570	570

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
15	14	39	60	126	234	570	570
16	14	39	60	126	234	570	570
17	14	38	60	126	234	570	570
18	14	38	60	126	234	570	570
19	14	39	60	126	234	570	570
20	15	39	60	126	234	570	570
21	15	39	60	126	234	570	570
22	16	39	60	126	234	570	570
23	17	39	60	126	234	570	570
24	18	39	60	126	234	570	570
25	18	39	60	126	234	570	570
26	19	39	60	126	234	570	570
27	20	39	60	126	234	570	570
28	21	39	60	126	234	570	570
29	21	39	60	126	234	570	570
30	22	39	60	126	234	570	570

2.2 Czech koruna

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	11	25	51	129	243	580	1 205
2	13	28	53	132	245	582	991
3	14	30	55	124	242	578	822
4	15	33	57	126	241	577	689
5	17	35	62	129	241	577	584
6	17	37	65	133	240	576	576
7	18	39	66	135	239	576	576
8	17	39	65	132	239	575	575
9	17	39	65	131	238	575	575
10	17	40	65	130	238	574	574
11	17	41	64	130	238	574	574
12	17	41	64	129	237	573	573
13	17	41	63	129	236	573	573
14	17	41	63	128	236	572	572
15	16	40	62	128	235	572	572
16	15	40	62	127	235	571	571
17	15	39	61	127	235	571	571
18	15	39	61	127	234	571	571
19	15	39	61	127	235	571	571
20	16	40	62	127	235	571	571

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	16	40	62	128	235	572	572
22	17	40	62	128	235	572	572
23	18	41	62	128	236	572	572
24	18	41	63	128	236	572	572
25	19	41	63	128	236	572	572
26	19	41	63	128	236	572	572
27	20	41	63	128	236	572	572
28	21	41	63	128	236	572	572
29	21	41	63	128	236	572	572
30	22	41	63	128	236	572	572

2.3 Danish krone

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	6	21	46	125	238	575	1 181
2	6	21	46	125	238	575	970
3	7	23	47	117	235	571	804
4	8	25	50	119	234	570	674
5	9	28	55	122	233	570	572
6	11	30	59	126	233	570	570
7	12	33	61	129	233	570	570
8	12	33	60	127	233	570	570
9	12	34	60	126	233	570	570
10	13	36	60	126	233	570	570
11	13	37	60	126	233	570	570
12	14	38	60	126	233	570	570
13	14	38	60	126	233	570	570
14	14	38	60	126	233	570	570
15	14	38	60	126	233	570	570
16	14	38	60	126	233	570	570
17	14	38	60	126	233	570	570
18	14	38	60	126	233	570	570
19	14	38	60	126	233	570	570
20	15	38	60	126	233	570	570
21	15	38	60	126	233	570	570
22	16	38	60	126	233	570	570
23	17	38	60	126	233	570	570
24	18	38	60	126	233	570	570
25	18	38	60	126	233	570	570
26	19	38	60	126	233	570	570
27	20	38	60	126	233	570	570
28	21	38	60	126	233	570	570
29	21	38	60	126	233	570	570
30	22	38	60	126	233	570	570

2.4 Forint

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	84	99	125	203	317	654	1 188
2	80	95	121	199	313	649	981
3	84	100	124	194	312	648	813
4	82	99	124	193	308	644	683
5	81	100	127	193	305	641	641
6	80	100	128	196	303	639	639
7	79	100	127	196	300	637	637
8	77	99	126	193	299	635	635
9	76	99	124	190	298	634	634
10	73	96	120	186	294	630	630
11	71	94	118	183	291	627	627
12	70	93	116	182	289	626	626
13	69	93	115	181	289	625	625
14	69	93	115	180	288	625	625
15	68	93	115	180	288	624	624
16	68	92	114	179	287	623	623
17	67	91	113	179	286	623	623
18	66	91	113	178	286	622	622
19	66	90	112	177	285	621	621
20	65	89	111	177	284	621	621
21	64	88	110	176	284	620	620
22	63	88	109	175	283	619	619
23	62	87	109	174	282	618	618
24	61	86	108	173	281	617	617
25	60	85	106	172	280	616	616
26	59	83	105	171	279	615	615
27	58	82	104	170	277	614	614
28	57	81	103	169	276	613	613
29	56	80	102	168	275	612	612
30	55	79	101	167	274	611	611

2.5 Krona

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	9	24	50	128	242	579	1 180
2	11	26	52	130	244	581	969
3	14	30	54	124	242	578	804
4	15	33	57	126	241	577	675
5	17	36	63	129	241	577	577
6	18	38	66	134	241	577	577
7	19	40	68	136	241	577	577
8	19	40	67	134	240	577	577
9	18	41	66	132	240	576	576

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	18	41	66	131	239	576	576
11	18	42	65	131	239	575	575
12	19	42	65	131	238	575	575
13	19	43	65	130	238	574	574
14	18	43	64	130	238	574	574
15	18	42	64	130	237	574	574
16	18	42	64	129	237	573	573
17	17	42	64	129	237	573	573
18	17	42	64	129	237	573	573
19	17	42	64	129	237	573	573
20	18	42	64	130	237	574	574
21	18	42	64	130	238	574	574
22	18	43	65	130	238	574	574
23	19	43	65	130	238	574	574
24	19	43	65	130	238	574	574
25	19	43	65	130	238	574	574
26	19	43	65	130	238	574	574
27	20	43	65	130	238	574	574
28	21	43	65	130	238	574	574
29	21	43	65	130	238	574	574
30	22	43	65	130	238	574	574

2.6 Kuna

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	52	67	92	170	284	621	1 189
2	55	70	96	174	288	625	978
3	61	77	101	171	289	625	812
4	64	82	107	175	290	626	681
5	67	85	112	179	291	627	627
6	68	87	116	183	290	627	627
7	68	89	117	185	290	626	626
8	67	89	115	182	289	625	625
9	66	88	114	180	287	624	624
10	65	88	112	178	286	622	622
11	64	87	111	176	284	620	620
12	63	86	109	175	282	619	619
13	61	85	108	173	281	617	617
14	60	84	106	172	279	616	616
15	59	83	105	170	278	615	615
16	58	82	104	169	277	613	613
17	57	81	103	168	276	613	613
18	56	80	102	168	275	612	612
19	55	79	101	167	275	611	611
20	55	79	101	166	274	610	610

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	54	78	100	166	273	610	610
22	53	77	99	165	272	609	609
23	52	77	98	164	272	608	608
24	52	76	98	163	271	607	607
25	51	75	97	162	270	606	606
26	50	74	96	161	269	606	606
27	49	73	95	161	268	605	605
28	48	72	94	160	267	604	604
29	47	71	93	159	267	603	603
30	46	71	93	158	266	602	602

2.7 Lev

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	5	20	46	124	238	574	1 180
2	5	20	46	124	238	574	969
3	6	22	47	116	234	570	803
4	7	25	49	118	233	569	674
5	9	27	55	121	233	569	572
6	10	30	58	126	233	569	569
7	11	32	60	128	233	569	569
8	11	33	59	126	233	569	569
9	11	34	59	125	233	569	569
10	12	35	59	125	233	569	569
11	12	36	60	125	233	569	569
12	13	37	60	125	233	569	569
13	13	37	60	125	233	569	569
14	14	38	60	125	233	569	569
15	13	38	60	125	233	569	569
16	13	38	60	125	233	569	569
17	13	38	60	125	233	569	569
18	14	38	60	125	233	569	569
19	14	38	60	125	233	569	569
20	15	38	60	125	233	569	569
21	15	38	60	125	233	569	569
22	16	38	60	125	233	569	569
23	17	38	60	125	233	569	569
24	18	38	60	125	233	569	569
25	18	38	60	125	233	569	569
26	19	38	60	125	233	569	569
27	20	38	60	125	233	569	569
28	21	38	60	125	233	569	569
29	21	38	60	125	233	569	569
30	22	38	60	125	233	569	569

2.8 Pound sterling

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	7	25	57	157	257	593	1 204
2	7	25	57	157	257	593	989
3	8	27	56	141	253	589	820
4	10	29	58	130	251	587	687
5	11	31	59	117	250	586	586
6	14	35	62	109	249	585	585
7	15	37	63	101	247	584	584
8	16	38	61	93	246	583	583
9	19	45	64	88	245	582	582
10	18	45	62	84	244	581	581
11	17	44	60	83	244	580	580
12	17	43	61	84	243	579	579
13	17	44	61	84	242	578	578
14	17	44	61	84	241	578	578
15	17	44	61	84	240	577	577
16	17	44	61	84	239	575	575
17	17	44	61	84	238	575	575
18	17	44	61	84	237	574	574
19	17	44	61	84	237	574	574
20	17	44	61	84	238	574	574
21	17	44	61	84	238	575	575
22	17	44	61	84	238	574	574
23	17	44	61	84	237	574	574
24	18	44	61	84	237	573	573
25	18	44	61	84	236	573	573
26	19	44	61	84	236	572	572
27	20	44	61	84	236	572	572
28	21	44	61	84	235	572	572
29	21	44	61	84	235	571	571
30	22	44	61	84	234	571	571

2.9 Romanian leu

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	87	102	128	206	320	656	1 232
2	84	99	125	203	317	654	1 016
3	83	100	124	194	311	648	845
4	82	100	124	193	308	644	711
5	81	99	127	193	305	641	641
6	80	99	128	195	302	639	639
7	78	99	127	195	300	636	636
8	76	97	124	191	297	634	634
9	73	96	121	187	295	631	631

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	72	95	120	185	293	629	629
11	71	94	118	184	291	628	628
12	70	94	116	182	289	626	626
13	68	92	115	180	288	624	624
14	67	91	113	179	286	623	623
15	66	90	112	177	285	621	621
16	64	89	110	176	284	620	620
17	63	87	109	175	283	619	619
18	62	86	108	174	282	618	618
19	61	85	107	173	281	617	617
20	61	85	107	172	280	616	616
21	60	84	106	171	279	615	615
22	59	83	105	170	278	614	614
23	58	82	104	169	277	613	613
24	57	81	103	168	276	612	612
25	56	80	102	167	275	611	611
26	55	79	101	166	274	610	610
27	54	78	100	165	273	609	609
28	53	77	99	164	272	608	608
29	52	76	98	163	271	607	607
30	51	75	97	162	270	606	606

2.10 Zloty

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	60	75	101	179	293	629	1 211
2	59	74	100	178	292	628	995
3	59	75	99	169	287	623	826
4	59	76	101	169	284	621	694
5	58	77	104	170	282	618	618
6	57	77	105	173	280	616	616
7	57	78	105	174	278	615	615
8	55	77	103	170	277	613	613
9	54	76	101	168	275	611	611
10	53	76	100	166	274	610	610
11	52	76	99	165	273	609	609
12	52	76	99	164	272	608	608
13	52	76	98	163	271	607	607
14	51	75	97	163	270	607	607
15	50	75	96	162	270	606	606
16	49	73	95	161	269	605	605
17	49	73	95	160	268	604	604
18	48	72	94	160	267	604	604
19	47	72	94	159	267	603	603
20	47	71	93	159	267	603	603

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	47	71	93	159	266	603	603
22	47	71	93	158	266	602	602
23	46	70	92	158	265	602	602
24	45	70	92	157	265	601	601
25	45	69	91	156	264	600	600
26	44	68	90	156	263	600	600
27	43	68	90	155	263	599	599
28	43	67	89	154	262	598	598
29	42	66	88	154	261	598	598
30	41	66	87	153	261	597	597

2.11 Norwegian krone

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	31	46	71	150	263	600	1 209
2	31	46	72	150	264	600	995
3	31	47	72	141	259	596	825
4	32	49	74	142	257	594	691
5	32	51	78	144	256	593	593
6	33	52	81	148	255	592	592
7	33	54	82	150	254	591	591
8	32	54	80	147	254	590	590
9	31	54	79	146	253	589	589
10	31	54	79	145	252	589	589
11	31	55	78	144	251	588	588
12	31	55	77	143	251	587	587
13	30	54	77	142	250	586	586
14	30	54	76	141	249	586	586
15	29	53	75	141	248	585	585
16	28	52	74	140	247	584	584
17	28	52	74	139	247	583	583
18	27	51	73	139	246	583	583
19	27	51	73	139	246	583	583
20	27	51	73	139	246	583	583
21	27	51	73	139	246	583	583
22	27	51	73	139	246	583	583
23	27	51	73	138	246	583	583
24	27	51	73	138	246	582	582
25	26	51	73	138	246	582	582
26	26	50	72	138	245	582	582
27	26	50	72	138	245	582	582
28	26	50	72	137	245	581	581
29	25	50	72	137	245	581	581
30	25	49	71	137	244	581	581

2.12 *Swiss franc*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	3	26	104	218	555	1 174
2	1	5	27	105	219	556	964
3	2	5	28	98	216	552	799
4	3	6	31	100	215	551	670
5	4	9	36	103	214	551	568
6	4	11	40	107	214	551	551
7	5	14	42	110	214	551	551
8	6	14	41	108	214	551	551
9	7	15	41	107	214	551	551
10	8	16	41	107	214	551	551
11	8	19	42	108	216	552	552
12	9	18	41	106	214	551	551
13	10	20	42	108	215	552	552
14	11	20	42	107	215	551	551
15	11	19	41	106	214	550	550
16	12	18	39	105	213	549	549
17	12	17	39	105	213	549	549
18	14	18	40	105	213	549	549
19	14	19	40	105	213	550	550
20	15	19	41	106	214	550	550
21	15	20	41	107	214	551	551
22	16	20	41	107	214	551	551
23	17	22	41	107	214	551	551
24	18	22	41	107	214	551	551
25	18	23	42	107	214	551	551
26	19	23	43	106	214	550	550
27	19	25	45	106	214	550	550
28	21	25	46	106	214	550	550
29	21	26	47	106	214	550	550
30	22	27	48	106	214	550	550

2.13 *Australian dollar*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	47	62	88	166	280	616	1 224
2	47	62	88	166	280	616	1 005
3	48	64	88	158	276	612	833
4	48	66	90	159	274	610	698
5	49	67	94	161	273	609	609
6	49	68	97	164	271	608	608
7	49	70	97	166	270	607	607
8	48	69	96	163	269	606	606
9	47	69	95	161	268	605	605

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	46	69	94	160	267	604	604
11	46	70	93	159	266	603	603
12	46	70	92	158	266	602	602
13	45	69	92	157	265	601	601
14	45	69	91	156	264	601	601
15	44	68	90	156	263	600	600
16	43	67	89	155	262	599	599
17	43	67	89	154	262	598	598
18	42	66	88	154	261	598	598
19	42	66	88	153	261	597	597
20	41	66	88	153	261	597	597
21	41	65	87	153	261	597	597
22	41	65	87	153	260	597	597
23	40	65	87	152	260	596	596
24	40	64	86	152	259	596	596
25	39	64	85	151	259	595	595
26	39	63	85	150	258	594	594
27	38	62	84	150	257	594	594
28	37	62	84	149	257	593	593
29	37	61	83	148	256	593	593
30	36	60	82	148	255	592	592

2.14 Baht

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	15	30	56	134	248	584	1 211
2	19	34	60	138	252	588	995
3	23	40	64	134	251	588	825
4	27	45	69	138	253	589	692
5	30	49	76	142	254	591	591
6	29	49	77	145	252	588	588
7	34	55	83	151	256	592	592
8	33	54	81	148	254	591	591
9	34	56	82	148	255	592	592
10	36	59	83	149	257	593	593
11	38	61	85	150	258	594	594
12	39	63	85	151	259	595	595
13	40	64	86	151	259	595	595
14	40	64	86	152	259	596	596
15	40	64	86	152	259	596	596
16	40	64	86	151	259	595	595
17	40	64	86	151	259	595	595
18	39	63	85	150	258	595	595
19	38	63	85	150	258	594	594
20	38	63	85	150	258	594	594

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	38	63	84	150	258	594	594
22	38	62	84	150	257	594	594
23	38	62	84	149	257	594	594
24	37	62	84	149	257	593	593
25	37	61	83	149	256	593	593
26	36	61	83	148	256	592	592
27	36	60	82	148	255	592	592
28	35	60	82	147	255	591	591
29	35	59	81	147	254	591	591
30	34	59	81	146	254	590	590

2.15 *Canadian dollar*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	14	29	55	133	247	583	1 223
2	15	30	56	134	248	584	1 004
3	17	33	58	127	245	582	832
4	19	36	61	130	245	581	697
5	21	39	66	133	245	581	590
6	22	42	70	137	245	581	581
7	23	44	72	140	245	581	581
8	23	45	71	138	245	581	581
9	23	46	71	137	245	581	581
10	24	47	72	137	245	581	581
11	25	48	72	137	245	582	582
12	25	49	72	138	245	582	582
13	26	50	72	138	245	582	582
14	26	50	72	138	246	582	582
15	26	51	72	138	246	582	582
16	26	50	72	138	245	582	582
17	26	50	72	138	245	582	582
18	26	50	72	138	245	582	582
19	26	50	72	138	245	582	582
20	26	50	72	138	245	582	582
21	26	50	72	138	246	582	582
22	26	50	72	138	245	582	582
23	26	50	72	137	245	581	581
24	25	50	72	137	245	581	581
25	25	49	71	137	244	581	581
26	25	49	71	136	244	580	580
27	24	49	70	136	244	580	580
28	24	48	70	136	243	580	580
29	24	48	70	135	243	579	579
30	23	48	69	135	243	579	579

2.16 *Chilean peso*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	50	65	91	169	283	619	1 235
2	53	68	93	172	285	622	1 018
3	57	73	97	167	285	621	845
4	59	76	101	170	285	621	709
5	61	80	107	173	285	621	621
6	62	82	111	178	285	622	622
7	63	84	112	180	285	621	621
8	63	84	111	178	284	621	621
9	63	85	111	177	284	621	621
10	63	86	111	176	284	621	621
11	63	87	110	176	284	620	620
12	63	87	110	175	283	619	619
13	63	87	109	174	282	619	619
14	62	86	108	174	281	618	618
15	61	85	107	173	280	617	617
16	60	84	106	172	279	616	616
17	59	83	105	171	279	615	615
18	59	83	105	170	278	614	614
19	58	82	104	170	277	614	614
20	57	81	103	169	276	613	613
21	56	81	103	168	276	612	612
22	56	80	102	167	275	611	611
23	55	79	101	166	274	610	610
24	54	78	100	165	273	610	610
25	53	77	99	165	272	609	609
26	52	76	98	164	271	608	608
27	51	75	97	163	270	607	607
28	50	74	96	162	269	606	606
29	49	74	95	161	269	605	605
30	48	73	95	160	268	604	604

2.17 *Colombian peso*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	81	96	122	200	314	650	1 271
2	85	100	126	204	318	654	1 047
3	87	103	127	197	315	651	871
4	87	104	129	198	313	649	731
5	90	109	136	202	314	651	651
6	92	112	140	207	315	651	651
7	93	114	142	210	315	651	651
8	94	116	142	209	316	652	652
9	95	117	143	209	316	653	653

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	96	118	143	209	316	653	653
11	96	119	143	208	316	652	652
12	95	119	142	207	315	651	651
13	94	118	140	206	314	650	650
14	93	117	139	204	312	649	649
15	91	116	137	203	311	647	647
16	90	114	136	202	309	646	646
17	88	113	135	200	308	644	644
18	87	111	133	199	306	643	643
19	86	110	132	197	305	641	641
20	84	109	131	196	304	640	640
21	83	107	129	195	302	639	639
22	81	106	128	193	301	637	637
23	80	104	126	192	299	636	636
24	78	103	125	190	298	634	634
25	77	101	123	188	296	633	633
26	75	99	121	187	295	631	631
27	74	98	120	185	293	629	629
28	72	96	118	184	291	628	628
29	71	95	117	182	290	626	626
30	69	93	115	181	288	625	625

2.18 Hong Kong dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	7	22	48	126	240	576	1 220
2	10	25	51	129	243	580	1 005
3	14	30	54	124	242	578	833
4	17	34	59	128	243	579	698
5	20	38	66	132	244	580	592
6	22	41	70	137	244	581	581
7	23	44	72	140	245	581	581
8	23	45	71	138	245	581	581
9	24	46	71	138	245	581	581
10	24	47	72	137	245	581	581
11	25	48	72	137	245	581	581
12	25	49	71	137	245	581	581
13	25	49	71	136	244	580	580
14	24	48	70	136	243	580	580
15	23	48	69	135	243	579	579
16	22	47	69	134	242	578	578
17	22	46	68	134	241	578	578
18	22	46	68	133	241	577	577
19	21	46	68	133	241	577	577
20	22	46	68	133	241	577	577

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	22	46	68	133	241	577	577
22	22	46	68	133	241	577	577
23	22	46	68	133	241	577	577
24	22	46	68	133	241	577	577
25	22	46	68	133	241	577	577
26	21	46	67	133	241	577	577
27	21	45	67	133	240	577	577
28	21	45	67	133	240	577	577
29	22	45	67	133	240	577	577
30	22	45	67	132	240	576	576

2.19 Indian rupee

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	93	108	133	212	326	662	1 312
2	93	108	134	212	326	662	1 079
3	94	110	134	204	322	658	895
4	95	112	137	206	320	657	751
5	96	114	142	208	320	656	656
6	96	116	144	212	319	655	655
7	97	118	146	214	318	655	655
8	97	118	145	212	318	655	655
9	96	118	144	210	317	654	654
10	95	118	142	208	316	652	652
11	94	117	141	206	314	650	650
12	92	116	139	204	312	648	648
13	91	115	137	202	310	646	646
14	89	113	135	200	308	645	645
15	87	111	133	199	306	643	643
16	85	109	131	197	304	641	641
17	83	107	129	195	303	639	639
18	82	106	128	193	301	637	637
19	80	104	126	192	300	636	636
20	79	103	125	191	299	635	635
21	78	102	124	190	298	634	634
22	77	101	123	189	296	633	633
23	76	100	122	188	295	632	632
24	75	99	121	187	294	631	631
25	74	98	120	185	293	629	629
26	73	97	119	184	292	628	628
27	72	96	118	183	291	627	627
28	70	95	117	182	290	626	626
29	69	94	116	181	289	625	625
30	68	93	114	180	288	624	624

2.20 Mexican peso

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	347	362	387	466	579	916	1 336
2	78	93	119	197	311	647	1 093
3	82	98	123	192	310	646	903
4	86	103	128	197	311	648	756
5	89	107	134	201	312	649	649
6	90	110	138	206	313	650	650
7	92	113	141	209	314	650	650
8	93	114	141	208	314	651	651
9	93	115	141	207	315	651	651
10	93	116	141	207	314	651	651
11	94	117	141	207	314	651	651
12	94	118	141	207	314	651	651
13	95	119	141	207	315	651	651
14	96	120	142	207	315	652	652
15	97	121	143	208	316	652	652
16	98	122	144	209	317	653	653
17	99	123	145	210	318	654	654
18	100	124	146	211	319	655	655
19	101	125	147	212	320	656	656
20	101	125	147	213	321	657	657
21	101	126	148	213	321	657	657
22	101	125	147	213	321	657	657
23	101	125	147	212	320	656	656
24	100	124	146	212	319	656	656
25	99	123	145	211	318	655	655
26	98	122	144	210	317	654	654
27	97	121	143	208	316	652	652
28	95	120	141	207	315	651	651
29	94	118	140	206	313	650	650
30	93	117	139	204	312	648	648

2.21 New Taiwan dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	10	36	114	228	564	1 194
2	1	10	36	114	228	564	980
3	2	12	37	106	224	560	812
4	3	14	39	107	222	558	680
5	4	16	43	109	221	558	576
6	4	17	46	113	220	557	557
7	5	19	47	115	220	556	556
8	7	19	46	113	219	555	555
9	7	19	44	111	218	554	554

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	8	20	44	110	217	554	554
11	8	21	44	110	217	554	554
12	9	21	44	110	217	554	554
13	10	22	44	110	217	554	554
14	11	22	44	110	217	554	554
15	11	23	45	110	218	554	554
16	12	23	44	110	218	554	554
17	12	23	45	110	218	555	555
18	14	23	45	111	219	555	555
19	15	24	46	111	219	556	556
20	15	25	47	112	220	556	556
21	16	26	48	113	221	557	557
22	17	26	48	114	222	558	558
23	18	27	49	115	222	559	559
24	18	28	49	115	223	559	559
25	18	28	50	115	223	560	560
26	19	28	50	116	224	560	560
27	20	29	51	116	224	560	560
28	21	29	51	117	224	561	561
29	21	29	51	117	225	561	561
30	22	30	52	117	225	561	561

2.22 New Zealand dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	53	68	94	172	286	623	1 225
2	54	69	95	173	287	624	1 006
3	55	71	96	165	283	619	834
4	56	73	98	166	281	618	699
5	56	75	102	168	280	617	617
6	57	77	105	172	280	616	616
7	57	77	105	173	278	615	615
8	56	78	104	171	278	614	614
9	55	78	103	169	277	613	613
10	55	78	102	168	275	612	612
11	54	77	101	166	274	610	610
12	52	76	99	165	272	609	609
13	51	75	97	163	271	607	607
14	50	74	96	161	269	605	605
15	48	73	94	160	268	604	604
16	47	71	93	158	266	602	602
17	45	70	92	157	265	601	601
18	44	68	90	156	264	600	600
19	43	67	89	155	263	599	599
20	43	67	89	154	262	598	598

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	42	66	88	154	261	598	598
22	42	66	88	153	261	597	597
23	41	65	87	152	260	597	597
24	40	64	86	152	259	596	596
25	39	64	86	151	259	595	595
26	39	63	85	150	258	594	594
27	38	62	84	150	257	594	594
28	37	62	83	149	257	593	593
29	37	61	83	148	256	592	592
30	36	60	82	148	255	592	592

2.23 *Rand*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	115	130	155	234	348	684	1 314
2	116	131	157	235	349	685	1 079
3	118	134	159	228	346	682	894
4	120	137	162	231	346	682	750
5	122	140	167	234	346	682	682
6	123	142	171	238	345	682	682
7	123	144	172	240	345	681	681
8	122	144	170	237	344	680	680
9	121	144	169	235	343	679	679
10	121	144	168	234	342	678	678
11	120	143	167	233	340	677	677
12	119	142	165	231	338	675	675
13	117	141	163	229	336	673	673
14	115	139	161	226	334	670	670
15	112	137	159	224	332	668	668
16	110	134	156	221	329	665	665
17	107	132	154	219	327	663	663
18	105	129	151	217	324	661	661
19	103	127	149	215	322	659	659
20	101	126	148	213	321	657	657
21	100	124	146	211	319	655	655
22	98	122	144	210	317	654	654
23	96	120	142	208	315	652	652
24	94	118	140	206	314	650	650
25	92	117	139	204	312	648	648
26	91	115	137	202	310	646	646
27	89	113	135	201	308	645	645
28	87	112	134	199	307	643	643
29	86	110	132	197	305	642	642
30	84	109	130	196	304	640	640

2.24 Real

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	173	188	214	292	406	743	1 303
2	182	197	223	301	415	752	1 081
3	188	204	228	298	416	752	903
4	190	207	232	300	415	752	761
5	191	209	236	303	415	751	751
6	190	210	239	306	413	750	750
7	190	211	239	307	412	748	748
8	188	210	237	304	410	746	746
9	187	209	235	301	408	745	745
10	186	209	234	299	407	743	743
11	185	208	232	297	405	741	741
12	183	206	229	295	402	739	739
13	180	204	226	292	399	736	736
14	177	201	223	289	396	733	733
15	174	198	220	285	393	730	730
16	171	195	217	282	390	726	726
17	167	192	214	279	387	723	723
18	164	188	210	276	384	720	720
19	161	185	207	273	380	717	717
20	158	182	204	270	377	714	714
21	155	179	201	267	374	711	711
22	152	176	198	263	371	708	708
23	149	173	195	260	368	704	704
24	146	170	192	257	365	701	701
25	142	167	189	254	362	698	698
26	139	164	185	251	359	695	695
27	136	161	182	248	356	692	692
28	134	158	180	245	353	689	689
29	131	155	177	242	350	686	686
30	128	152	174	240	347	684	684

2.25 Renminbi-yuan

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	28	43	69	147	261	597	1 249
2	29	44	69	148	262	598	1 026
3	30	46	71	140	258	594	850
4	31	48	73	142	256	593	712
5	32	51	78	144	256	592	604
6	32	52	80	148	255	591	591
7	33	54	81	149	254	591	591
8	31	53	80	147	253	589	589
9	31	53	79	145	252	589	589

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	31	53	78	144	251	588	588
11	30	54	77	143	251	587	587
12	30	54	77	142	250	586	586
13	30	54	76	142	249	586	586
14	30	54	76	141	249	585	585
15	29	53	75	141	249	585	585
16	29	53	75	141	248	585	585
17	29	53	75	141	248	585	585
18	29	53	75	141	248	585	585
19	29	53	75	141	248	585	585
20	29	53	75	141	249	585	585
21	29	53	75	141	249	585	585
22	29	53	75	141	249	585	585
23	29	53	75	141	248	585	585
24	29	53	75	141	248	585	585
25	29	53	75	140	248	584	584
26	29	53	75	140	248	584	584
27	28	52	74	140	248	584	584
28	28	52	74	140	247	584	584
29	28	52	74	139	247	583	583
30	27	52	74	139	247	583	583

2.26 Ringgit

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	24	39	65	143	257	593	1 255
2	26	41	66	145	258	595	1 030
3	28	45	69	139	256	593	852
4	31	48	73	142	257	593	714
5	33	52	79	145	257	594	604
6	35	54	83	150	258	594	594
7	37	57	85	153	258	594	594
8	36	58	85	152	258	595	595
9	37	59	85	151	258	595	595
10	38	61	85	151	259	595	595
11	39	62	86	151	259	595	595
12	39	63	86	152	259	596	596
13	40	64	86	151	259	596	596
14	40	64	86	151	259	595	595
15	39	64	86	151	259	595	595
16	39	63	85	151	258	595	595
17	39	63	85	151	258	595	595
18	39	63	85	151	258	595	595
19	39	63	85	151	258	595	595
20	39	63	85	151	259	595	595

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	39	64	86	151	259	595	595
22	39	64	86	151	259	595	595
23	39	63	85	151	259	595	595
24	39	63	85	151	258	595	595
25	39	63	85	150	258	594	594
26	38	62	84	150	257	594	594
27	38	62	84	149	257	593	593
28	37	61	83	149	257	593	593
29	37	61	83	148	256	592	592
30	36	60	82	148	256	592	592

2.27 Russian rouble

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	124	139	165	243	357	694	1 315
2	123	138	164	242	356	692	1 077
3	123	139	164	233	351	687	892
4	123	141	165	234	349	685	748
5	124	143	170	236	348	684	684
6	124	143	172	239	346	683	683
7	124	145	172	241	345	682	682
8	123	144	171	238	344	681	681
9	122	144	170	236	343	680	680
10	122	145	169	235	343	679	679
11	122	145	169	234	342	678	678
12	121	145	167	233	341	677	677
13	120	144	166	232	339	676	676
14	119	143	165	230	338	675	675
15	117	141	163	228	336	672	672
16	114	139	161	226	334	670	670
17	112	136	158	223	331	667	667
18	109	134	156	221	329	665	665
19	107	131	153	219	327	663	663
20	105	129	151	217	324	661	661
21	103	127	149	214	322	659	659
22	101	125	147	212	320	656	656
23	98	123	145	210	318	654	654
24	96	120	142	208	316	652	652
25	94	118	140	206	313	650	650
26	92	116	138	204	311	648	648
27	90	114	136	202	309	646	646
28	88	112	134	199	307	644	644
29	86	110	132	198	305	642	642
30	84	108	130	196	303	640	640

2.28 *Singapore dollar*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	9	35	113	227	564	1 218
2	1	12	37	116	229	566	1 001
3	2	15	40	109	227	563	830
4	3	19	44	112	227	564	695
5	4	23	50	116	228	564	589
6	6	25	54	121	229	565	565
7	7	28	56	124	229	565	565
8	7	29	56	123	229	565	565
9	7	30	55	122	229	565	565
10	8	31	55	121	229	565	565
11	8	32	55	121	229	565	565
12	10	32	55	121	228	565	565
13	10	33	55	120	228	565	565
14	11	33	55	120	228	564	564
15	12	33	55	120	228	564	564
16	12	32	54	120	227	564	564
17	14	32	54	120	227	564	564
18	14	32	54	120	227	564	564
19	15	32	54	120	228	564	564
20	15	33	55	121	228	565	565
21	16	34	56	121	229	565	565
22	17	34	56	121	229	566	566
23	18	34	56	122	229	566	566
24	18	35	57	122	230	566	566
25	19	35	57	122	230	566	566
26	19	35	57	122	230	567	567
27	21	35	57	123	230	567	567
28	21	35	57	123	230	567	567
29	22	35	57	123	231	567	567
30	22	36	57	123	231	567	567

2.29 *South Korean won*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	35	50	76	154	268	604	1 220
2	35	50	76	154	268	605	1 003
3	36	52	76	146	264	600	831
4	36	53	78	146	261	598	696
5	36	55	82	148	260	597	597
6	39	58	87	154	261	598	598
7	36	57	85	153	258	594	594
8	40	62	88	155	262	598	598
9	39	62	87	153	261	597	597

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	34	57	81	147	255	591	591
11	30	53	77	142	250	586	586
12	27	50	73	139	246	583	583
13	24	48	71	136	244	580	580
14	23	47	69	134	242	578	578
15	21	45	67	133	240	577	577
16	19	44	66	131	239	575	575
17	19	43	65	130	238	574	574
18	18	42	64	130	237	574	574
19	17	42	64	129	237	573	573
20	18	42	64	129	237	573	573
21	18	42	64	129	237	573	573
22	18	42	64	129	237	573	573
23	18	42	64	129	237	573	573
24	18	42	64	129	237	573	573
25	19	42	64	129	237	573	573
26	19	41	63	129	237	573	573
27	21	41	63	129	236	573	573
28	21	41	63	129	236	573	573
29	21	41	63	129	236	573	573
30	22	41	63	128	236	573	573

2.30 Turkish lira

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	188	203	229	307	421	757	1 492
2	186	201	226	305	418	755	1 224
3	183	199	223	293	411	747	1 009
4	180	197	222	291	406	742	840
5	177	195	223	289	401	737	737
6	174	193	222	289	396	733	733
7	171	191	219	287	392	729	729
8	166	188	215	282	388	724	724
9	163	185	211	277	384	720	720
10	159	182	207	272	380	716	716
11	156	179	203	268	376	713	713
12	152	176	199	265	372	709	709
13	149	173	195	261	368	705	705
14	145	170	191	257	365	701	701
15	142	166	188	254	361	698	698
16	139	163	185	250	358	694	694
17	135	160	182	247	355	691	691
18	133	157	179	244	352	688	688
19	130	154	176	241	349	686	686
20	127	151	173	239	347	683	683

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	125	149	171	236	344	680	680
22	122	146	168	234	341	678	678
23	120	144	166	231	339	675	675
24	117	141	163	229	336	673	673
25	115	139	161	226	334	670	670
26	112	136	158	224	332	668	668
27	110	134	156	222	329	666	666
28	108	132	154	219	327	664	664
29	106	130	152	217	325	661	661
30	104	128	150	215	323	659	659

2.31 US dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	9	26	51	109	245	582	1 232
2	9	26	51	109	245	582	1 012
3	10	29	53	104	243	580	839
4	12	34	57	101	244	580	702
5	16	40	62	104	245	581	595
6	18	44	66	100	246	582	582
7	19	46	65	93	246	582	582
8	17	44	64	91	246	583	583
9	17	45	66	95	246	583	583
10	19	48	69	99	247	583	583
11	21	50	70	102	247	583	583
12	23	53	71	103	247	583	583
13	24	55	72	103	247	583	583
14	24	55	72	103	247	583	583
15	24	55	72	103	247	583	583
16	24	55	72	103	246	583	583
17	24	55	72	103	246	583	583
18	24	55	72	103	246	583	583
19	24	55	72	103	247	583	583
20	24	55	72	103	247	583	583
21	24	55	72	103	247	584	584
22	24	55	72	103	248	584	584
23	24	55	72	103	248	584	584
24	24	55	72	103	248	584	584
25	24	55	72	103	248	584	584
26	24	55	72	103	248	584	584
27	24	55	72	103	247	584	584
28	24	55	72	103	247	584	584
29	24	55	72	103	247	584	584
30	24	55	72	103	247	583	583

2.32 Yen

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	3	13	92	205	542	1 187
2	1	5	12	90	204	540	973
3	2	5	11	81	199	535	805
4	3	6	13	82	197	533	674
5	4	7	18	84	196	532	571
6	4	8	21	88	195	532	532
7	5	8	22	90	195	532	532
8	6	9	22	89	195	532	532
9	7	11	22	88	195	532	532
10	8	11	22	88	195	532	532
11	8	12	23	88	196	532	532
12	9	12	24	88	196	532	532
13	10	14	26	88	196	533	533
14	11	14	27	89	196	533	533
15	11	15	29	89	197	533	533
16	12	16	30	89	197	533	533
17	12	17	31	90	197	534	534
18	14	17	33	90	198	534	534
19	14	19	34	91	198	535	535
20	15	19	35	91	199	536	536
21	15	20	36	92	200	536	536
22	16	20	38	93	200	537	537
23	17	22	39	93	201	537	537
24	18	22	41	93	201	537	537
25	18	23	42	94	201	538	538
26	19	23	43	94	201	538	538
27	19	25	45	94	201	538	538
28	21	25	46	94	201	538	538
29	21	26	47	94	202	538	538
30	22	27	48	94	202	538	538

3. Other exposures

3.1 Euro

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	1	15	22	44	166	303	3 034
2	1	15	22	44	166	339	2 253
3	1	15	24	49	161	352	1 699
4	1	16	27	53	158	351	1 313
5	2	18	30	55	158	342	1 041
6	3	21	33	58	158	329	845
7	4	24	35	60	158	313	700
8	4	24	36	63	158	296	589
9	5	25	38	66	158	280	502

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	5	26	39	68	158	263	432
11	5	27	40	69	158	251	376
12	6	27	40	69	158	251	329
13	6	27	40	69	158	251	290
14	6	27	40	69	158	251	257
15	6	27	40	69	158	251	251
16	8	27	43	69	158	251	251
17	8	27	46	69	158	251	251
18	8	27	48	69	158	251	251
19	9	27	50	69	158	251	251
20	9	27	53	69	158	251	251
21	9	27	55	69	158	251	251
22	10	27	58	69	158	251	251
23	10	27	61	69	158	251	251
24	12	27	63	69	158	251	251
25	12	27	66	69	158	251	251
26	12	27	68	71	158	251	251
27	13	27	71	74	158	251	251
28	13	27	73	76	158	251	251
29	13	27	76	77	158	251	251
30	14	27	78	79	158	251	251

3.2 Czech koruna

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	6	20	26	49	171	309	3 099
2	8	22	28	51	173	347	2 306
3	8	23	31	57	168	360	1 739
4	8	24	34	60	165	358	1 343
5	8	25	37	62	165	349	1 064
6	9	27	39	65	164	335	863
7	10	30	40	66	164	319	713
8	10	30	41	68	163	301	599
9	10	30	42	71	163	284	511
10	10	31	44	73	162	267	440
11	9	30	44	73	162	255	382
12	9	30	43	73	161	254	334
13	8	29	42	72	161	254	295
14	8	29	42	72	160	253	261
15	7	28	41	71	160	253	253
16	8	28	43	70	159	252	252
17	8	28	46	70	159	252	252
18	8	27	49	70	159	252	252
19	9	27	51	70	159	252	252
20	9	28	54	71	159	252	252

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	9	28	56	71	160	253	253
22	10	28	58	71	160	253	253
23	11	29	61	71	160	253	253
24	12	29	63	71	160	253	253
25	12	29	66	71	160	253	253
26	12	29	68	72	160	253	253
27	13	29	71	74	160	253	253
28	13	29	74	76	160	253	253
29	14	29	77	79	160	253	253
30	14	29	79	81	160	253	253

3.3 Danish krone

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	1	15	21	44	166	303	3 034
2	1	15	21	44	166	339	2 252
3	1	15	24	49	160	352	1 699
4	1	16	27	53	158	351	1 313
5	2	18	30	55	158	342	1 041
6	3	21	33	58	158	328	845
7	4	24	35	60	158	313	700
8	4	24	36	63	158	296	589
9	5	25	37	66	158	280	502
10	5	26	39	68	158	263	432
11	5	26	39	69	158	251	376
12	6	26	39	69	158	251	329
13	6	26	39	69	158	251	290
14	6	26	39	69	158	251	257
15	6	26	40	69	158	251	251
16	8	26	43	69	158	251	251
17	8	26	46	69	158	251	251
18	8	26	48	69	158	251	251
19	9	26	50	69	158	251	251
20	9	26	53	69	158	251	251
21	9	26	55	69	158	251	251
22	10	26	58	69	158	251	251
23	10	26	61	69	158	251	251
24	12	26	63	69	158	251	251
25	12	26	66	69	158	251	251
26	12	26	68	71	158	251	251
27	13	26	71	74	158	251	251
28	13	26	73	76	158	251	251
29	13	26	76	77	158	251	251
30	14	27	78	79	158	251	251

3.4 Forint

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	79	93	100	123	245	340	3 054
2	75	89	96	118	240	343	2 279
3	77	92	100	126	237	356	1 719
4	74	90	101	127	232	355	1 331
5	72	90	102	126	229	347	1 057
6	72	90	102	127	227	334	860
7	71	91	101	127	225	319	713
8	70	90	101	128	223	316	600
9	69	90	102	130	222	315	512
10	65	86	99	128	218	311	441
11	63	84	97	126	215	308	384
12	61	82	95	125	214	307	336
13	60	82	95	124	213	306	306
14	60	81	94	124	213	306	306
15	59	81	94	123	212	305	305
16	59	80	93	123	211	304	304
17	58	79	92	122	211	304	304
18	58	79	92	121	210	303	303
19	57	78	91	121	209	302	302
20	56	77	90	120	209	302	302
21	55	76	89	119	208	301	301
22	54	76	89	118	207	300	300
23	54	75	88	117	206	299	299
24	52	74	87	116	205	298	298
25	51	73	86	115	204	297	297
26	50	71	85	114	203	296	296
27	49	70	83	113	202	295	295
28	48	69	82	112	201	294	294
29	47	68	81	111	200	293	293
30	46	67	80	110	199	292	292

3.5 Krona

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	4	18	25	48	170	302	3 030
2	6	20	27	50	172	339	2 252
3	7	22	31	56	167	352	1 699
4	7	23	34	60	165	351	1 314
5	9	26	38	62	165	342	1 043
6	10	28	40	66	165	329	847
7	11	31	42	67	165	314	701
8	11	31	43	70	165	297	590
9	11	31	44	72	164	281	503

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	11	32	45	74	164	264	434
11	11	32	45	74	163	256	377
12	10	31	44	74	163	256	331
13	10	31	44	74	162	255	292
14	9	31	44	73	162	255	259
15	9	30	43	73	162	255	255
16	9	30	43	73	161	254	254
17	9	30	46	72	161	254	254
18	8	30	49	72	161	254	254
19	9	30	51	72	161	254	254
20	9	30	53	73	162	255	255
21	9	30	56	73	162	255	255
22	10	31	58	73	162	255	255
23	11	31	61	74	162	255	255
24	12	31	64	74	162	255	255
25	12	31	66	74	162	255	255
26	12	31	69	74	162	255	255
27	13	31	71	74	162	255	255
28	13	31	73	76	162	255	255
29	14	31	77	79	162	255	255
30	14	31	79	81	162	255	255

3.6 Kuna

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	47	61	67	90	212	307	3 055
2	50	64	71	94	216	342	2 273
3	54	69	78	103	215	355	1 716
4	57	73	83	109	214	355	1 327
5	58	75	87	112	215	346	1 054
6	60	78	90	115	215	333	857
7	61	80	91	117	214	318	710
8	59	79	91	118	213	306	598
9	58	79	91	120	212	305	510
10	57	78	91	120	210	303	440
11	56	77	90	119	208	301	382
12	54	75	88	118	207	300	335
13	53	74	87	116	205	298	298
14	51	72	85	115	204	297	297
15	50	71	84	114	203	296	296
16	49	70	83	113	201	294	294
17	48	69	82	112	201	294	294
18	47	68	81	111	200	293	293
19	46	68	81	110	199	292	292
20	46	67	80	110	198	291	291

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	45	66	79	109	198	291	291
22	44	65	78	108	197	290	290
23	43	65	78	107	196	289	289
24	43	64	77	106	195	288	288
25	42	63	76	106	194	287	287
26	41	62	75	105	194	287	287
27	40	61	74	104	193	286	286
28	39	60	75	103	192	285	285
29	38	59	77	102	191	284	284
30	38	59	79	101	190	283	283

3.7 Lev

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	14	21	44	165	302	3 032
2	0	14	21	44	165	339	2 251
3	1	14	23	49	160	352	1 697
4	1	15	26	52	157	351	1 312
5	2	17	30	54	157	342	1 041
6	2	20	32	57	157	328	845
7	4	23	34	60	157	313	699
8	4	24	35	62	157	296	588
9	4	25	37	65	157	279	501
10	4	25	38	67	157	263	432
11	5	26	39	68	157	250	376
12	6	26	39	68	157	250	329
13	6	26	39	68	157	250	290
14	6	26	39	68	157	250	257
15	6	26	40	68	157	250	250
16	8	26	43	68	157	250	250
17	8	26	46	68	157	250	250
18	8	26	48	68	157	250	250
19	9	26	50	68	157	250	250
20	9	26	53	68	157	250	250
21	9	26	55	68	157	250	250
22	10	26	58	68	157	250	250
23	10	26	61	68	157	250	250
24	12	26	63	68	157	250	250
25	12	26	66	69	157	250	250
26	12	26	68	71	157	250	250
27	13	26	71	74	157	250	250
28	13	26	73	76	157	250	250
29	13	26	75	77	157	250	250
30	14	27	78	79	157	250	250

3.8 Pound sterling

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	11	22	46	184	308	3 096
2	0	11	22	46	184	346	2 301
3	1	11	24	51	178	359	1 734
4	1	13	27	56	175	357	1 339
5	2	16	29	59	174	347	1 060
6	2	18	33	60	173	333	859
7	3	21	36	60	172	317	711
8	4	23	37	60	171	300	597
9	7	31	42	58	170	283	509
10	9	34	41	57	169	266	438
11	8	33	41	56	168	261	380
12	7	32	40	56	167	260	333
13	6	31	41	56	166	259	293
14	6	30	41	56	166	259	260
15	6	30	41	56	165	258	258
16	8	30	43	56	163	256	256
17	8	30	46	56	163	256	256
18	8	30	48	56	162	255	255
19	9	30	51	57	162	255	255
20	9	30	53	59	162	255	255
21	9	30	55	61	163	256	256
22	10	30	58	64	162	255	255
23	10	30	61	66	162	255	255
24	12	30	63	67	161	254	254
25	12	30	66	70	161	254	254
26	12	30	68	72	160	253	253
27	13	30	71	74	160	253	253
28	13	30	73	76	160	253	253
29	13	30	75	77	159	252	252
30	14	30	78	79	159	252	252

3.9 Romanian leu

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	82	96	103	126	247	342	3 172
2	80	94	100	123	245	355	2 367
3	77	92	100	126	237	370	1 791
4	74	90	101	127	232	369	1 387
5	72	89	101	126	229	361	1 101
6	72	90	102	127	227	347	894
7	70	90	101	126	224	331	740
8	68	88	99	126	222	315	622
9	66	87	99	127	219	312	530

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	64	85	99	128	217	310	457
11	63	84	97	127	216	309	397
12	61	82	95	125	214	307	348
13	60	81	94	123	212	305	306
14	58	79	92	122	211	304	304
15	57	78	91	121	209	302	302
16	55	77	90	119	208	301	301
17	54	75	88	118	207	300	300
18	53	74	88	117	206	299	299
19	52	74	87	116	205	298	298
20	52	73	86	115	204	297	297
21	51	72	85	115	203	296	296
22	50	71	84	114	202	295	295
23	49	70	83	113	201	294	294
24	48	69	82	112	200	293	293
25	47	68	81	111	199	292	292
26	46	67	80	110	198	291	291
27	45	66	79	109	197	290	290
28	44	65	78	108	196	289	289
29	43	64	79	107	195	288	288
30	42	63	82	106	194	287	287

3.10 Zloty

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	55	69	76	99	221	316	3 114
2	54	68	74	97	219	348	2 314
3	52	67	76	101	212	361	1 748
4	51	67	77	104	209	361	1 353
5	50	67	79	103	206	352	1 075
6	49	67	79	105	204	339	873
7	49	68	79	105	203	323	723
8	47	67	79	106	201	306	609
9	46	67	79	107	199	292	519
10	45	66	79	108	198	291	447
11	44	66	79	108	197	290	389
12	44	65	78	107	196	289	340
13	43	64	77	107	195	288	300
14	42	63	76	106	195	288	288
15	41	63	76	105	194	287	287
16	40	62	75	104	193	286	286
17	40	61	74	104	192	285	285
18	39	60	73	103	192	285	285
19	39	60	73	102	191	284	284
20	38	59	73	102	191	284	284

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	38	59	72	102	191	284	284
22	38	59	72	101	190	283	283
23	37	58	71	101	190	283	283
24	37	58	71	100	189	282	282
25	36	57	70	100	188	281	281
26	35	56	70	99	188	281	281
27	35	56	72	98	187	280	280
28	34	55	75	98	186	279	279
29	33	54	78	97	186	279	279
30	32	54	81	96	185	278	278

3.11 Norwegian krone

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	26	40	46	69	191	310	3 109
2	26	40	47	70	191	348	2 314
3	25	40	48	74	185	361	1 745
4	24	40	50	77	181	359	1 348
5	24	41	53	78	181	350	1 069
6	24	43	55	80	180	336	867
7	25	45	56	81	179	320	717
8	24	44	56	83	178	303	603
9	24	45	57	85	177	286	513
10	24	45	58	87	177	270	442
11	23	44	57	87	176	269	384
12	22	44	57	86	175	268	336
13	22	43	56	86	174	267	297
14	21	42	55	85	174	267	267
15	20	41	54	84	173	266	266
16	19	40	53	83	172	265	265
17	19	40	53	83	171	264	264
18	18	39	52	82	171	264	264
19	18	39	52	82	171	264	264
20	18	39	54	82	171	264	264
21	18	39	57	82	171	264	264
22	18	39	59	82	171	264	264
23	18	39	62	82	171	264	264
24	18	39	64	82	170	263	263
25	18	39	67	81	170	263	263
26	17	38	70	81	170	263	263
27	17	38	72	81	170	263	263
28	17	38	75	81	169	262	262
29	17	38	77	80	169	262	262
30	16	37	79	81	169	262	262

3.12 *Swiss franc*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	0	3	24	146	301	3 015
2	0	1	6	25	147	337	2 239
3	1	2	9	30	141	350	1 688
4	1	3	11	34	139	349	1 304
5	2	4	15	36	139	340	1 034
6	2	4	17	39	139	326	839
7	3	6	19	41	139	311	695
8	4	6	22	44	139	294	584
9	4	8	25	47	139	277	498
10	4	8	28	49	139	261	429
11	4	10	30	51	140	245	373
12	6	10	32	50	139	232	327
13	6	12	35	51	140	233	288
14	6	12	38	51	139	232	255
15	6	14	40	49	138	231	231
16	8	14	43	49	137	230	230
17	8	15	45	52	137	230	230
18	8	16	47	54	137	230	230
19	9	17	50	56	137	231	231
20	9	18	53	59	138	231	231
21	9	19	55	60	139	232	232
22	10	20	57	62	139	232	232
23	10	20	59	64	139	232	232
24	10	22	62	66	139	232	232
25	12	22	65	68	139	232	232
26	12	24	67	70	138	231	231
27	13	24	69	72	138	231	231
28	13	25	72	74	139	231	231
29	13	26	74	77	139	231	231
30	14	27	78	79	141	231	231

3.13 *Australian dollar*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	42	56	63	86	208	313	3 151
2	42	56	63	86	208	351	2 341
3	41	56	65	90	201	364	1 764
4	40	56	67	93	198	363	1 362
5	40	57	69	94	197	353	1 079
6	40	59	71	96	196	339	875
7	41	61	71	97	195	323	724
8	40	60	72	99	194	306	608
9	39	60	72	101	193	288	518

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	39	60	73	102	192	285	446
11	38	59	72	102	191	284	388
12	37	58	71	101	190	283	339
13	37	58	71	100	189	282	299
14	36	57	70	100	189	282	282
15	35	56	69	99	188	281	281
16	34	55	68	98	187	280	280
17	34	55	68	98	186	279	279
18	33	54	67	97	186	279	279
19	33	54	67	97	185	278	278
20	33	54	67	96	185	278	278
21	32	53	67	96	185	278	278
22	32	53	66	96	185	278	278
23	32	53	66	95	184	277	277
24	31	52	65	95	184	277	277
25	30	52	67	94	183	276	276
26	30	51	70	94	182	275	275
27	29	50	72	93	182	275	275
28	29	50	75	92	181	274	274
29	28	49	77	92	181	274	274
30	27	48	79	91	180	273	273

3.14 Baht

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	10	24	31	54	175	310	3 114
2	14	28	35	58	180	348	2 315
3	17	32	40	66	177	361	1 746
4	19	35	46	72	177	360	1 349
5	22	39	51	76	179	350	1 070
6	21	39	51	77	176	337	868
7	27	46	57	83	180	321	718
8	25	45	57	84	179	304	604
9	26	47	59	88	180	287	515
10	28	49	62	91	181	274	443
11	30	51	64	93	182	275	385
12	30	51	65	94	183	276	337
13	31	52	65	95	183	276	297
14	31	52	65	95	184	277	277
15	31	52	65	95	184	277	277
16	31	52	65	95	183	276	276
17	31	52	65	95	183	276	276
18	30	51	64	94	183	276	276
19	30	51	64	93	182	275	275
20	30	51	64	93	182	275	275

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	29	51	64	93	182	275	275
22	29	50	63	93	182	275	275
23	29	50	63	93	182	275	275
24	29	50	65	92	181	274	274
25	28	49	67	92	181	274	274
26	28	49	70	91	180	273	273
27	27	48	72	91	180	273	273
28	27	48	75	90	179	272	272
29	26	47	77	90	179	272	272
30	26	47	79	89	178	271	271

3.15 Canadian dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	9	23	29	52	174	313	3 148
2	10	24	31	54	175	351	2 339
3	11	26	34	60	171	364	1 763
4	11	27	38	64	169	362	1 360
5	12	29	41	66	169	352	1 077
6	14	32	44	69	169	338	873
7	15	35	46	71	169	322	722
8	15	35	47	74	169	305	606
9	16	37	49	77	169	287	516
10	16	38	51	80	169	270	444
11	17	38	51	81	170	263	386
12	17	38	51	81	170	263	338
13	17	38	51	81	170	263	298
14	17	38	51	81	170	263	264
15	17	39	52	81	170	263	263
16	17	38	51	81	170	263	263
17	17	38	51	81	170	263	263
18	17	38	51	81	170	263	263
19	17	38	51	81	170	263	263
20	17	38	54	81	170	263	263
21	17	38	57	81	170	263	263
22	17	38	59	81	170	263	263
23	17	38	61	81	169	262	262
24	16	38	64	80	169	262	262
25	16	37	66	80	169	262	262
26	16	37	69	80	168	261	261
27	15	37	72	79	168	261	261
28	15	36	74	79	168	261	261
29	15	36	77	79	167	260	260
30	14	36	79	81	167	260	260

3.16 Chilean peso

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	45	59	65	88	210	316	3 180
2	48	62	68	91	213	356	2 372
3	50	65	74	99	210	369	1 791
4	51	67	78	104	209	369	1 385
5	52	70	82	106	209	359	1 098
6	54	73	84	110	210	346	892
7	56	75	86	112	209	329	738
8	55	75	87	114	209	312	621
9	55	76	88	117	209	302	529
10	56	77	90	119	208	301	455
11	55	77	90	119	208	301	396
12	55	76	89	119	207	300	346
13	54	75	88	118	207	300	305
14	53	74	87	117	206	299	299
15	52	73	86	116	205	298	298
16	51	72	85	115	204	297	297
17	50	72	85	114	203	296	296
18	50	71	84	114	202	295	295
19	49	70	83	113	202	295	295
20	48	69	82	112	201	294	294
21	48	69	82	111	200	293	293
22	47	68	81	111	199	292	292
23	46	67	80	110	198	291	291
24	45	66	79	109	198	291	291
25	44	65	78	108	197	290	290
26	43	64	77	107	196	289	289
27	42	63	76	106	195	288	288
28	41	62	76	105	194	287	287
29	40	62	78	104	193	286	286
30	40	61	82	103	192	285	285

3.17 Colombian peso

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	76	90	97	120	241	337	3 278
2	80	94	101	124	246	366	2 444
3	80	95	104	129	240	380	1 849
4	79	95	106	132	237	380	1 430
5	82	99	111	136	239	371	1 135
6	84	102	114	139	239	357	921
7	86	105	116	142	239	340	764
8	87	107	118	145	240	333	642
9	88	108	120	149	241	334	547

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	88	109	122	151	241	334	471
11	88	109	122	151	240	333	409
12	87	108	121	151	239	332	358
13	85	106	120	149	238	331	331
14	84	105	118	148	237	330	330
15	82	104	117	146	235	328	328
16	81	102	115	145	234	327	327
17	80	101	114	143	232	325	325
18	78	99	112	142	231	324	324
19	77	98	111	141	229	322	322
20	76	97	110	139	228	321	321
21	74	95	108	138	227	320	320
22	73	94	107	136	225	318	318
23	71	92	105	135	224	317	317
24	69	91	104	133	222	315	315
25	68	89	102	132	221	314	314
26	66	87	100	130	219	312	312
27	65	86	99	129	217	310	310
28	63	84	97	127	216	309	309
29	62	83	96	126	214	307	307
30	60	81	94	124	213	306	306

3.18 Hong Kong dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	2	16	23	46	167	312	3 139
2	5	19	26	49	171	351	2 339
3	7	22	31	56	168	364	1 765
4	9	25	36	62	167	363	1 363
5	11	28	41	65	168	353	1 079
6	14	32	44	69	169	339	875
7	15	35	46	71	169	323	723
8	16	36	47	74	169	306	608
9	16	37	49	77	169	288	518
10	17	38	51	80	169	271	446
11	17	38	51	80	169	262	387
12	16	38	51	80	169	262	339
13	16	37	50	80	168	261	299
14	15	36	49	79	168	261	265
15	14	36	49	78	167	260	260
16	14	35	48	77	166	259	259
17	13	34	47	77	166	259	259
18	13	34	49	77	165	258	258
19	13	34	52	76	165	258	258
20	13	34	54	77	165	258	258

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	13	34	57	77	165	258	258
22	13	34	60	77	165	258	258
23	13	34	62	77	165	258	258
24	13	34	65	77	165	258	258
25	13	34	67	76	165	258	258
26	12	34	70	76	165	258	258
27	13	33	72	76	165	258	258
28	13	33	75	77	165	258	258
29	14	33	77	79	165	258	258
30	14	33	80	81	164	257	257

3.19 Indian rupee

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	88	102	108	131	253	348	3 391
2	88	102	109	132	253	376	2 525
3	87	102	111	136	247	391	1 906
4	87	103	114	140	245	390	1 472
5	87	105	117	141	244	380	1 167
6	88	106	118	144	243	365	946
7	89	109	120	145	243	348	782
8	89	109	121	148	243	336	657
9	88	109	121	150	242	335	560
10	87	108	121	150	240	333	482
11	86	107	120	149	238	331	418
12	84	105	118	148	236	329	366
13	82	103	116	146	234	327	327
14	80	101	114	144	233	326	326
15	78	99	112	142	231	324	324
16	76	97	110	140	229	322	322
17	74	96	109	138	227	320	320
18	73	94	107	137	225	318	318
19	71	93	106	135	224	317	317
20	70	92	105	134	223	316	316
21	69	91	104	133	222	315	315
22	68	89	102	132	221	314	314
23	67	88	101	131	220	313	313
24	66	87	100	130	219	312	312
25	65	86	99	129	217	310	310
26	64	85	98	128	216	309	309
27	63	84	97	126	215	308	308
28	62	83	96	125	214	307	307
29	60	82	95	124	213	306	306
30	59	81	94	123	212	305	305

3.20 Mexican peso

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	342	356	362	385	507	602	3 458
2	73	87	94	117	239	381	2 562
3	75	90	99	125	236	394	1 925
4	78	94	105	131	236	392	1 484
5	80	97	109	134	237	381	1 174
6	82	101	112	138	238	366	951
7	84	104	115	140	238	348	786
8	85	105	117	144	239	332	661
9	86	106	119	147	239	332	562
10	86	107	120	149	239	332	484
11	86	107	120	150	239	332	420
12	86	107	120	150	239	332	368
13	86	108	121	150	239	332	332
14	87	108	121	151	240	333	333
15	88	109	122	152	240	333	333
16	89	110	123	153	241	334	334
17	90	111	124	154	242	335	335
18	91	112	125	155	243	336	336
19	92	113	126	156	244	337	337
20	92	113	127	156	245	338	338
21	93	114	127	156	245	338	338
22	92	113	127	156	245	338	338
23	92	113	126	156	244	337	337
24	91	112	125	155	244	337	337
25	90	111	124	154	243	336	336
26	89	110	123	153	242	335	335
27	88	109	122	152	240	333	333
28	86	108	121	150	239	332	332
29	85	106	119	149	238	331	331
30	84	105	118	148	236	329	329

3.21 New Taiwan dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	4	11	34	156	306	3 068
2	0	4	11	34	156	343	2 278
3	1	4	13	39	150	355	1 716
4	1	5	15	42	146	353	1 325
5	2	6	18	43	146	344	1 049
6	2	8	19	45	145	330	851
7	3	10	21	47	144	314	704
8	4	10	22	48	143	298	592
9	4	10	25	50	142	281	504

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	4	10	28	52	142	264	434
11	5	10	31	53	142	248	377
12	6	10	33	53	142	235	331
13	6	12	35	53	142	235	291
14	6	12	38	53	142	235	258
15	6	14	41	53	142	235	235
16	8	14	43	53	142	235	235
17	8	15	46	54	143	236	236
18	8	16	48	54	143	236	236
19	9	17	50	57	144	237	237
20	9	19	53	59	144	237	237
21	9	19	56	62	145	238	238
22	10	20	58	64	146	239	239
23	10	21	61	66	147	240	240
24	12	22	63	68	147	240	240
25	12	22	66	70	148	241	241
26	12	24	68	72	148	241	241
27	13	25	71	74	148	241	241
28	13	26	73	76	149	242	242
29	14	27	76	78	149	242	242
30	14	27	79	80	149	242	242

3.22 New Zealand dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	48	62	69	92	214	314	3 153
2	49	63	70	93	215	352	2 344
3	49	64	72	98	209	365	1 767
4	48	64	74	101	206	363	1 365
5	48	65	77	102	205	354	1 082
6	49	67	79	104	204	340	878
7	49	68	79	105	203	324	726
8	48	68	80	107	202	307	611
9	48	69	81	109	201	294	520
10	47	68	81	110	200	293	448
11	46	67	80	109	198	291	389
12	44	65	78	108	197	290	341
13	42	64	77	106	195	288	301
14	41	62	75	105	193	286	286
15	39	61	74	103	192	285	285
16	38	59	72	102	190	283	283
17	36	58	71	100	189	282	282
18	35	56	70	99	188	281	281
19	34	56	69	98	187	280	280
20	34	55	68	98	186	279	279

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	33	54	67	97	186	279	279
22	33	54	67	96	185	278	278
23	32	53	66	96	185	278	278
24	31	52	65	95	184	277	277
25	31	52	67	94	183	276	276
26	30	51	70	94	182	275	275
27	29	50	72	93	182	275	275
28	28	50	75	92	181	274	274
29	28	49	78	92	180	273	273
30	27	48	80	91	180	273	273

3.23 Rand

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	110	124	130	153	275	370	3 397
2	111	125	131	154	276	376	2 525
3	112	127	135	161	272	390	1 903
4	112	128	139	165	270	389	1 470
5	113	130	142	167	270	379	1 165
6	114	133	145	170	270	364	944
7	115	135	146	171	269	362	781
8	115	135	146	173	268	361	657
9	114	135	147	175	267	360	560
10	113	134	147	176	266	359	482
11	112	133	146	176	265	358	419
12	110	131	144	174	263	356	367
13	108	129	142	172	261	354	354
14	106	127	140	170	258	351	351
15	103	125	138	167	256	349	349
16	101	122	135	165	253	346	346
17	99	120	133	162	251	344	344
18	96	117	130	160	249	342	342
19	94	115	128	158	247	340	340
20	93	114	127	156	245	338	338
21	91	112	125	155	243	336	336
22	89	110	123	153	242	335	335
23	87	108	121	151	240	333	333
24	85	107	120	149	238	331	331
25	84	105	118	147	236	329	329
26	82	103	116	146	234	327	327
27	80	101	114	144	233	326	326
28	79	100	113	142	231	324	324
29	77	98	111	141	230	323	323
30	75	97	110	139	228	321	321

3.24 *Real*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	168	182	189	212	334	429	3 368
2	177	191	198	221	343	438	2 528
3	181	196	205	230	341	436	1 920
4	182	198	208	235	340	433	1 490
5	182	199	211	236	339	432	1 184
6	182	201	212	238	338	431	962
7	182	202	213	238	336	429	796
8	181	201	212	239	334	427	670
9	180	200	212	241	333	426	570
10	179	200	213	242	331	424	491
11	177	198	211	240	329	422	427
12	174	195	208	238	327	420	420
13	171	192	205	235	324	417	417
14	168	189	202	232	321	414	414
15	165	186	199	229	318	411	411
16	162	183	196	226	314	407	407
17	159	180	193	222	311	404	404
18	155	176	190	219	308	401	401
19	152	173	186	216	305	398	398
20	149	170	183	213	302	395	395
21	146	167	180	210	299	392	392
22	143	164	177	207	296	389	389
23	140	161	174	204	292	385	385
24	137	158	171	200	289	382	382
25	133	155	168	197	286	379	379
26	130	152	165	194	283	376	376
27	127	149	162	191	280	373	373
28	125	146	159	188	277	370	370
29	122	143	156	186	274	367	367
30	119	140	153	183	272	365	365

3.25 *Renminbi-yuan*

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	23	37	43	66	188	320	3 219
2	24	38	44	67	189	358	2 393
3	23	38	47	72	184	371	1 803
4	23	39	50	76	181	370	1 392
5	23	41	53	77	180	360	1 102
6	24	42	54	80	179	346	893
7	25	44	55	81	179	329	738
8	24	44	55	82	177	311	620
9	23	44	56	85	177	293	528

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	23	44	57	86	176	276	455
11	22	44	57	86	175	268	395
12	22	43	56	86	174	267	346
13	21	42	55	85	174	267	305
14	21	42	55	85	173	266	270
15	20	42	55	84	173	266	266
16	20	41	54	84	173	266	266
17	20	41	54	84	173	266	266
18	20	41	54	84	173	266	266
19	20	41	54	84	173	266	266
20	20	42	55	84	173	266	266
21	20	42	58	84	173	266	266
22	20	42	60	84	173	266	266
23	20	41	62	84	173	266	266
24	20	41	65	84	173	266	266
25	20	41	68	84	172	265	265
26	20	41	71	83	172	265	265
27	19	40	73	83	172	265	265
28	19	40	76	83	172	265	265
29	19	40	78	83	171	264	264
30	18	40	81	83	171	264	264

3.26 Ringgit

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	19	33	40	62	184	321	3 234
2	21	35	41	64	186	360	2 402
3	22	37	45	71	182	372	1 808
4	23	39	50	76	181	371	1 395
5	25	42	54	79	182	361	1 104
6	27	45	57	82	182	346	895
7	29	48	59	85	182	330	740
8	29	49	60	87	182	312	622
9	29	50	62	91	183	294	530
10	30	51	64	93	183	277	456
11	31	52	65	94	183	276	396
12	31	52	65	95	184	277	347
13	31	52	65	95	184	277	306
14	31	52	65	95	183	276	276
15	31	52	65	94	183	276	276
16	30	51	64	94	183	276	276
17	30	51	64	94	183	276	276
18	30	51	64	94	183	276	276
19	30	51	64	94	183	276	276
20	30	52	65	94	183	276	276

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	31	52	65	94	183	276	276
22	31	52	65	94	183	276	276
23	30	51	65	94	183	276	276
24	30	51	66	94	183	276	276
25	30	51	69	94	182	275	275
26	29	50	71	93	182	275	275
27	29	50	74	93	181	274	274
28	28	49	76	92	181	274	274
29	28	49	78	92	180	273	273
30	27	48	82	91	180	273	273

3.27 Russian rouble

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	119	133	140	163	285	380	3 400
2	118	132	139	162	283	379	2 521
3	116	131	140	165	277	389	1 899
4	116	132	142	168	273	388	1 466
5	116	133	145	169	272	378	1 161
6	115	134	146	171	271	364	941
7	116	135	146	172	270	363	778
8	115	135	147	174	269	362	654
9	114	135	147	176	268	361	556
10	114	135	148	177	267	360	479
11	114	135	148	177	266	359	415
12	112	134	147	176	265	358	363
13	111	132	145	175	264	357	357
14	110	131	144	174	263	356	356
15	108	129	142	172	260	353	353
16	106	127	140	169	258	351	351
17	103	124	137	167	255	348	348
18	101	122	135	164	253	346	346
19	98	120	133	162	251	344	344
20	96	117	130	160	249	342	342
21	94	115	128	158	247	340	340
22	92	113	126	156	244	337	337
23	90	111	124	153	242	335	335
24	87	108	121	151	240	333	333
25	85	106	119	149	238	331	331
26	83	104	117	147	236	329	329
27	81	102	115	145	234	327	327
28	79	100	113	143	232	325	325
29	77	98	111	141	230	323	323
30	75	96	109	139	228	321	321

3.28 Singapore dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	4	10	33	155	312	3 133
2	0	6	12	35	157	350	2 330
3	1	8	16	42	153	363	1 756
4	1	10	20	47	152	361	1 356
5	2	13	25	49	152	352	1 074
6	2	16	28	53	153	338	871
7	3	19	30	56	153	322	721
8	4	20	31	58	153	304	606
9	4	21	33	61	153	287	516
10	4	21	34	63	153	270	444
11	5	21	35	64	153	254	386
12	6	21	34	64	153	246	338
13	6	21	37	64	152	245	298
14	6	21	39	64	152	245	264
15	7	21	41	63	152	245	245
16	8	20	44	63	152	245	245
17	8	20	47	63	152	245	245
18	8	20	49	63	152	245	245
19	9	21	51	63	152	245	245
20	9	21	54	64	153	246	246
21	10	22	57	64	153	246	246
22	10	22	59	65	154	247	247
23	11	22	62	67	154	247	247
24	12	23	65	69	154	247	247
25	12	24	67	71	154	247	247
26	12	24	70	73	155	248	248
27	13	25	72	75	155	248	248
28	13	26	75	77	155	248	248
29	14	27	77	79	155	248	248
30	14	28	79	81	155	248	248

3.29 South Korean won

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	30	44	51	74	195	312	3 141
2	30	44	51	74	196	351	2 336
3	29	44	53	78	189	363	1 760
4	28	44	54	81	186	362	1 358
5	28	45	57	82	185	352	1 076
6	31	49	61	86	186	338	872
7	29	48	59	85	182	321	721
8	33	53	64	91	186	304	605
9	32	53	65	93	185	287	516

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
10	26	47	60	89	179	272	444
11	22	43	56	85	174	267	386
12	18	39	52	82	171	264	337
13	16	37	50	79	168	261	297
14	14	35	48	77	166	259	263
15	12	33	46	76	165	258	258
16	11	32	45	74	163	256	256
17	10	31	46	74	162	255	255
18	9	30	49	73	162	255	255
19	9	30	51	72	161	254	254
20	9	30	54	72	161	254	254
21	9	30	57	73	161	254	254
22	10	30	59	73	161	254	254
23	11	30	61	73	161	254	254
24	12	30	64	72	161	254	254
25	12	30	66	72	161	254	254
26	12	30	69	72	161	254	254
27	13	29	72	74	161	254	254
28	13	29	74	77	161	254	254
29	14	29	77	79	161	254	254
30	14	29	79	81	161	254	254

3.30 Turkish lira

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	183	197	204	227	348	444	3 888
2	181	195	201	224	346	441	2 892
3	176	191	200	225	336	438	2 169
4	172	188	199	225	330	434	1 662
5	168	186	198	222	325	418	1 302
6	165	184	196	221	321	414	1 050
7	163	182	193	219	317	410	865
8	159	179	190	217	312	405	723
9	155	176	188	217	308	401	611
10	152	173	186	215	304	397	523
11	148	169	182	212	301	394	451
12	144	165	178	208	297	390	393
13	140	161	174	204	293	386	386
14	136	158	171	200	289	382	382
15	133	154	167	197	286	379	379
16	130	151	164	194	282	375	375
17	127	148	161	190	279	372	372
18	124	145	158	188	276	369	369
19	121	142	155	185	274	367	367
20	118	139	152	182	271	364	364

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
21	116	137	150	180	268	361	361
22	113	134	147	177	266	359	359
23	111	132	145	174	263	356	356
24	108	129	142	172	261	354	354
25	106	127	140	170	258	351	351
26	103	125	138	167	256	349	349
27	101	122	135	165	254	347	347
28	99	120	133	163	252	345	345
29	97	118	131	161	249	342	342
30	95	116	129	159	247	340	340

3.31 US dollar

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	15	26	53	173	315	3 171
2	0	15	26	53	173	354	2 358
3	1	17	28	57	169	367	1 777
4	1	20	32	62	168	365	1 371
5	2	23	37	68	169	355	1 085
6	4	26	40	69	170	341	879
7	6	30	42	72	170	324	727
8	9	34	46	74	171	306	611
9	10	37	49	76	171	289	520
10	11	38	51	76	171	272	447
11	12	40	52	78	171	264	389
12	13	41	54	79	171	264	340
13	13	42	54	79	171	264	300
14	14	43	55	80	171	264	265
15	14	43	55	80	171	264	264
16	14	43	55	80	171	264	264
17	14	43	55	80	171	264	264
18	14	43	55	80	171	264	264
19	14	43	55	80	171	264	264
20	14	43	55	80	171	264	264
21	14	43	57	80	172	265	265
22	14	43	59	80	172	265	265
23	14	43	62	80	172	265	265
24	14	43	65	80	172	265	265
25	14	43	67	80	172	265	265
26	14	43	70	80	172	265	265
27	14	43	72	80	172	265	265
28	14	43	74	80	172	265	265
29	14	43	77	80	172	265	265
30	14	43	79	81	171	264	264

3.32 Yen

Duration (in years)	Credit quality step 0	Credit quality step 1	Credit quality step 2	Credit quality step 3	Credit quality step 4	Credit quality step 5	Credit quality step 6
1	0	0	3	11	133	304	3 049
2	0	1	6	14	132	340	2 262
3	1	2	9	17	125	352	1 702
4	1	3	12	20	121	351	1 313
5	2	4	15	23	120	341	1 040
6	2	5	17	26	120	327	843
7	3	6	19	29	120	311	697
8	4	6	22	30	120	294	586
9	4	8	25	33	120	278	499
10	4	9	28	36	120	261	430
11	4	10	30	38	120	245	373
12	6	10	32	40	120	230	327
13	6	12	35	42	121	215	288
14	6	12	37	46	121	214	255
15	6	14	40	48	121	214	227
16	8	14	43	49	121	214	214
17	8	15	45	52	122	215	215
18	8	16	47	54	122	215	215
19	9	17	50	56	124	216	216
20	9	17	53	59	127	216	216
21	9	19	55	60	128	217	217
22	10	20	57	62	130	218	218
23	10	20	59	64	131	218	218
24	10	22	62	66	134	218	218
25	12	22	64	68	135	219	219
26	12	24	67	70	136	219	219
27	13	24	69	72	137	219	219
28	13	25	72	74	139	219	219
29	13	26	74	77	139	219	219
30	14	27	77	79	141	219	219

ANNEX III

Volatility adjustment to the relevant risk-free interest rate term structure

Currency	National insurance market	Volatility adjustment (in bps)
Euro	Austria	2
Euro	Belgium	2
Euro	Cyprus	2
Euro	Estonia	2
Euro	Finland	2
Euro	France	2
Euro	Germany	2
Euro	Greece	2
Euro	Ireland	2
Euro	Italy	2
Euro	Latvia	2
Euro	Lithuania	2
Euro	Luxembourg	2
Euro	Malta	2
Euro	Netherlands	2
Euro	Portugal	2
Euro	Slovakia	2
Euro	Slovenia	2
Euro	Spain	2
Czech koruna	Czech Republic	3
Danish krone	Denmark	29
Forint	Hungary	1
Krona	Sweden	3
Kuna	Croatia	5
Lev	Bulgaria	– 7
Pound sterling	United Kingdom	19
Romanian leu	Romania	– 1
Zloty	Poland	5
Króna	Iceland	11
Norwegian krone	Norway	24
Swiss franc	Liechtenstein	– 1
Swiss franc	Switzerland	– 1
Australian dollar	Australia	10
Canadian dollar	Canada	18
US dollar	United States	30
Yen	Japan	0

COMMISSION REGULATION (EU) 2018/731**of 15 May 2018****establishing a prohibition of fishing for undulate ray in Union waters of 7e by vessels flying the flag of Belgium**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Council Regulation (EC) No 1224/2009 of 20 November 2009 establishing a Union control system for ensuring compliance with the rules of the common fisheries policy ⁽¹⁾, and in particular Article 36(2) thereof,

Whereas:

- (1) Council Regulation (EU) 2018/120 ⁽²⁾ lays down quotas for 2018.
- (2) According to the information received by the Commission, catches of the stock referred to in the Annex to this Regulation by vessels flying the flag of or registered in the Member State referred to therein have exhausted the quota allocated for 2018.
- (3) It is therefore necessary to prohibit fishing activities for that stock,

HAS ADOPTED THIS REGULATION:

*Article 1***Quota exhaustion**

The fishing quota allocated to the Member State referred to in the Annex to this Regulation for the stock referred to therein for 2018 shall be deemed to be exhausted from the date set out in that Annex.

*Article 2***Prohibitions**

Fishing activities for the stock referred to in the Annex to this Regulation by vessels flying the flag of or registered in the Member State referred to therein shall be prohibited from the date set out in that Annex. In particular it shall be prohibited to retain on board, relocate, tranship or land fish from that stock caught by those vessels after that date.

*Article 3***Entry into force**

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

⁽¹⁾ OJ L 343, 22.12.2009, p. 1.

⁽²⁾ Council Regulation (EU) 2018/120 of 23 January 2018 fixing for 2018 the fishing opportunities for certain fish stocks and groups of fish stocks, applicable in Union waters and, for Union fishing vessels, in certain non-Union waters, and amending Regulation (EU) 2017/127 (OJ L 27, 31.1.2018, p. 1).

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 15 May 2018.

*For the Commission,
On behalf of the President,
João AGUIAR MACHADO
Director-General
Directorate-General for Maritime Affairs and Fisheries*

ANNEX

No	08/TQ120
Member State	Belgium
Stock	RJU/07E.
Species	Undulate ray (<i>Raja undulata</i>)
Zone	Union waters of 7e
Closing date	14.4.2018

COMMISSION IMPLEMENTING REGULATION (EU) 2018/732**of 17 May 2018****on a common methodology for alternative fuels unit price comparison in accordance with Directive 2014/94/EU of the European Parliament and of the Council****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2014/94/EU of the European Parliament and of the Council of 22 October 2014 on the deployment of alternative fuels infrastructure ⁽¹⁾, and in particular Article 7(3) thereof,

Whereas:

- (1) For the purposes of determining the methodology best suited under Article 7(3) of Directive 2014/94/EU, and following a call for tender, the Commission requested the German Energy Agency (dena) to carry out a study to identify possible options for a common methodology for alternative fuels unit price comparison ⁽²⁾.
- (2) Four principal options were analysed in the study. The Commission considered all those options. It appeared that the option according to which fuel prices are expressed as amounts of applicable currency per 100 km, taking into account the price of the fuel per unit as referred to in Directive 98/6/EC of the European Parliament and of the Council ⁽³⁾ and the consumption of the vehicles as indicated in the certificate of conformity was most comprehensive, and it was based on measurable data. That option takes into account not only the energy content of the fuel but also other factors relevant to the fuel price per distance covered, in particular the energy efficiency of the respective technologies linked to the use of the different fuels in the vehicles.
- (3) A methodology expressing fuel prices as amounts of applicable currency per 100 km was supported by consumers, according to a consumer survey on fuel price comparison ⁽⁴⁾, carried out by the Fédération Internationale de l'Automobile following a call for tender.
- (4) The chosen methodology should allow users to make a straightforward comparison encompassing all the most relevant factors, also in view of future purchasing choices. The methodology appears thus best fitted for the purposes of increasing consumer awareness and fuel price transparency. It is also best fitted to the more general objectives of Directive 2014/94/EU, equally taken into account in the European Strategy for Low-Emission Mobility ⁽⁵⁾ adopted in the framework of the Energy Union, namely to contribute to a diversification of energy sources in transport and to a reduction of CO₂ and other pollutant emissions in this area.
- (5) The value of fuel consumption provided in the certificate of conformity of the vehicles should be used for calculating the fuel prices. This value is based on the World Harmonised Light Vehicles Test Procedure (WLTP) ⁽⁶⁾ starting from September 2017 for new types of vehicles and from September 2018 for all new vehicles. This test procedure replaces the currently used New European Test Cycle (NEDC). The WLTP provides for stricter test conditions and more realistic fuel consumption to the benefit of consumers. Reference to these values is

⁽¹⁾ OJ L 307, 28.10.2014, p. 1.

⁽²⁾ <https://ec.europa.eu/transport/sites/transport/files/2017-01-fuel-price-comparison.pdf>

⁽³⁾ Directive 98/6/EC of the European Parliament and of the Council of 16 February 1998 on consumer protection in the indication of the prices of products offered to consumers (OJ L 80, 18.3.1998, p. 27).

⁽⁴⁾ <https://publications.europa.eu/en/publication-detail/-/publication/4e8d1774-fa70-11e7-b8f5-01aa75ed71a1>

⁽⁵⁾ COM (2016) 501 final.

⁽⁶⁾ Commission Regulation (EU) 2017/1151 of 1 June 2017 supplementing Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information, amending Directive 2007/46/EC of the European Parliament and of the Council, Commission Regulation (EC) No 692/2008 and Commission Regulation (EU) No 1230/2012 and repealing Commission Regulation (EC) No 692/2008 (OJ L 175, 7.7.2017, p. 1).

consistent with the consumer information provided under Directive 1999/94/EC of the European Parliament and of the Council ⁽¹⁾ relating to the availability of consumer information on fuel economy in respect of the marketing of new passenger cars, also in view of Commission Recommendation (EU) 2017/948 ⁽²⁾.

- (6) As no values for fuel consumption are provided in the certificate of conformity of the vehicles regarding the biofuel blends with petrol or diesel ⁽³⁾, Member States may use their own data in order to determine such values.
- (7) In order to make the methodology workable at any moment in time, the fuel price to be taken into account should be the average price of the relevant fuel per conventional unit over maximum the last calendar quarter prior to the time of calculation.
- (8) Because of the constraints inherent in the display of comparisons in fuel stations, it should be specified that the use of such methodology supposes the establishment of samples of passenger cars that are comparable, at least in view of their weight and their power, but use different fuels.
- (9) To further facilitate comparisons based on the methodology established in this Regulation, Member States have the possibility to make use of the opportunities offered by digitalisation such as online tools. Such tools should provide the opportunity to obtain individual information for all or most models of vehicles existing in the market. Such tool would also offer the possibility to add other information.
- (10) The Commission Multi-Annual Work Programme for financial assistance in the field of Connecting Europe Facility (CEF) —Transport sector for the period 2014-2020 ⁽⁴⁾ provides for an action intended to assist Member States in the implementation of Directive 2014/94/EU. According to the Work Programme, the objective is notably to support a consistent implementation of Article 7(3) of that Directive in all Member States and to support Member States in making consumer information available in via digital tools.
- (11) The measures provided for in this Regulation are in accordance with the opinion of the committee established by Article 9(1) of Directive 2014/94/EU,

HAS ADOPTED THIS REGULATION:

Article 1

The common methodology for alternative fuels unit price comparison within the meaning of Article 7(3) of Directive 2014/94/EU, based on prices expressed as amounts of applicable currency per 100 km, is set out in the Annex.

Article 2

This Regulation shall enter into force on the twentieth day following the date of its publication in the *Official Journal of the European Union*.

It shall apply from 24 months after its entry into force.

⁽¹⁾ Directive 1999/94/EC of the European Parliament and of the Council of 13 December 1999 relating to the availability of consumer information on fuel economy and CO₂ emissions in respect of the marketing of new passenger cars (OJ L 12, 18.1.2000, p. 16).

⁽²⁾ Commission Recommendation (EU) 2017/948 of 31 May 2017 on the use of fuel consumption and CO₂ emission values type-approved and measured in accordance with the World Harmonised Light Vehicles Test Procedure when making information available for consumers pursuant to Directive 1999/94/EC of the European Parliament and of the Council (OJ L 142, 2.6.2017, p. 100).

⁽³⁾ Directive 2009/30/EC of the European Parliament and of the Council of 23 April 2009 amending Directive 98/70/EC as regards the specification of petrol, diesel and gas-oil and introducing a mechanism to monitor and reduce greenhouse gas emissions and amending Council Directive 1999/32/EC as regards the specification of fuel used by inland waterway vessels and repealing Directive 93/12/EEC (OJ L 140, 5.6.2009, p. 88).

⁽⁴⁾ Commission Decision C(2014)1921 of 26 March 2014 as amended.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 May 2018.

For the Commission

The President

Jean-Claude JUNKER

ANNEX

1. The common methodology set out in this Annex concerns alternative fuels as defined in Article 2(1) of Directive 2014/94/EU.
2. The methodology provides, for the purposes of displays at fuel stations as referred to in the first subparagraph of Article 7(3) of Directive 2014/94/EU, the basic calculation allowing an indicative comparison of prices, based on samples of passenger car models that are established by Member States and that are comparable at least in view of their weight and their power, but use different fuels.
3. The methodology defines how, for the purposes of such comparison, prices of petrol and diesel and alternative fuels are expressed as amounts of applicable currency per 100 km. The calculation is based on the following factors:
 - (a) fuel consumption of the respective vehicle per 100 km indicated in the certificate of conformity of vehicles referred to in Article 18 of Directive 2007/46/EC of the European Parliament and of the Council ⁽¹⁾;
 - (b) if applicable, fuel consumption values per 100 km determined by Member States for biofuel blends with petrol or diesel ⁽²⁾;
 - (c) market prices per unit of the respective fuels, expressed in the applicable currency for the units referred to in the Member State concerned, in accordance with Directive 98/6/EC (hereafter: conventional units).
4. The price expressed as amount of applicable currency per 100 km is calculated as follows:

Fuel price in applicable currency per conventional unit × fuel consumption per 100 km.
5. The price of fuels in conventional units taken into account is the average price over maximum the last calendar quarter prior to the time of calculation.

⁽¹⁾ Directive 2007/46/EC of the European Parliament and of the Council of 5 September 2007 establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (OJ L 263, 9.10.2007, p. 1).

⁽²⁾ Directive 2009/30/EC of the European Parliament and of the Council of 23 April 2009 amending Directive 98/70/EC as regards the specification of petrol, diesel and gas-oil and introducing a mechanism to monitor and reduce greenhouse gas emissions and amending Council Directive 1999/32/EC as regards the specification of fuel used by inland waterway vessels and repealing Directive 93/12/EEC (OJ L 140, 5.6.2009, p. 88).

COMMISSION IMPLEMENTING REGULATION (EU) 2018/733**of 17 May 2018****amending for the 284th time Council Regulation (EC) No 881/2002 imposing certain specific restrictive measures directed against certain persons and entities associated with the ISIL (Da'esh) and Al-Qaida organisations**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Council Regulation (EC) No 881/2002 of 27 May 2002 imposing certain specific restrictive measures directed against certain persons and entities associated with the ISIL (Da'esh) and Al-Qaida organisations ⁽¹⁾, and in particular Article 7(1)(a) and Article 7a(5) thereof,

Whereas:

- (1) Annex I to Regulation (EC) No 881/2002 lists the persons, groups and entities covered by the freezing of funds and economic resources under that Regulation.
- (2) On 9 May 2018, the Sanctions Committee of the United Nations Security Council decided to amend four entries in the list of persons, groups and entities to whom the freezing of funds and economic resources should apply. Annex I to Regulation (EC) No 881/2002 should therefore be amended accordingly,

HAS ADOPTED THIS REGULATION:

Article 1

Annex I to Regulation (EC) No 881/2002 is amended in accordance with the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 May 2018.

For the Commission,

On behalf of the President,

Head of the Service for Foreign Policy Instruments

⁽¹⁾ OJ L 139, 29.5.2002, p. 9.

ANNEX

Annex I to Council Regulation (EC) No 881/2002 is amended as follows:

(1) The identifying data for the following entries under the heading 'Natural persons' are amended as follows:

- (a) 'Ruben Pestano Lavilla, Jr. (alias (a) Reuben Lavilla, (b) Sheik Omar, (c) Mile D Lavilla, (d) Reymund Lavilla, (e) Ramo Lavilla, (f) Mike de Lavilla, (g) Abdullah Muddaris, (h) Ali Omar, (i) Omar Lavilla, (j) Omar Labella, (k) So, (l) Eso, (m) Junjun). Title: Sheik. Address: 10th Avenue, Caloocan City, Philippines. Date of birth: 4.10.1972. Place of birth: Sitio Banga Maiti, Barangay Tranghawan, Lambunao, Iloilo, Philippines. Nationality: Filipino. Passport No: (a) MM611523 (Filipino passport, 2004); (b) EE947317 (Filipino passport 2000-2001); (c) P421967 (Filipino passport number (1995- 1997). Other information: (a) Associated with Khadafi Abubakar Janjalani and the International Islamic Relief Organisation, Philippines branch offices; (b) In detention in the Philippines as of May 2011. Date of designation referred to in Article 2a (4) (b): 4.6.2008.'

is replaced by the following:

'Ruben Pestano Lavilla, Jr. (alias (a) Reuben Lavilla, (b) Sheik Omar, (c) Mile D Lavilla, (d) Reymund Lavilla, (e) Ramo Lavilla, (f) Mike de Lavilla, (g) Abdullah Muddaris, (h) Ali Omar, (i) Omar Lavilla, (j) Omar Labella, (k) So, (l) Eso, (m) Junjun). Title: Sheik. Address: 10th Avenue, Caloocan City, Philippines. Date of birth: 4.10.1972. Place of birth: Sitio Banga Maiti, Barangay Tranghawan, Lambunao, Iloilo, Philippines. Nationality: Filipino. Passport No: (a) MM611523 (Filipino passport, 2004); (b) EE947317 (Filipino passport 2000-2001); (c) P421967 (Filipino passport number (1995- 1997). Other information: In detention in the Philippines as of May 2011. Date of designation referred to in Article 7d(2)(i): 4.6.2008'

- (b) 'Ibrahim Hassan Tali Al-Asiri (alias (a) Ibrahim Hassan Tali Asiri, (b) Ibrahim Hasan Talea Aseeri, (c) Ibrahim Hassan al-Asiri, (d) Ibrahim Hasan Tali Asiri, (e) Ibrahim Hassan Tali Assiri, (f) Ibrahim Hasan Tali'A 'Asiri, (g) Ibrahim Hasan Tali al-'Asiri, (h) Ibrahim al-'Asiri, (i) Ibrahim Hassan Al Asiri, (j) Abu Saleh, (k) Abosslah, (l) Abu-Salaah). Address: Yemen. Date of birth: (a) 19.4.1982, (b) 18.4.1982, (c) 24.6.1402 (Hijri Calendar). Place of birth: Riyadh, Saudi Arabia. Nationality: Saudi Arabian. Passport No: F654645 (Saudi Arabian passport number, issued on 30.4.2005, expired on 7.3.2010, issue date in Hijri Calendar 24.06.1426, expiry date in Hijri Calendar 21.03.1431). National identification No: 1028745097 (Saudi Arabian civil identification number). Other information: (a) Operative and principal bomb maker of Al-Qaida in the Arabian Peninsula; (b) Believed to be hiding in Yemen as at March 2011; (c) Wanted by Saudi Arabia; (d) Also associated with Nasir 'abdal-Karim 'Abdullah Al-Wahishi, Qasim Yahya Mahdi al-Rimi and Anwar Nasser Abdulla Al-Aulaqi. Date of designation referred to in Article 2a(4)(b): 24.3.2011.'

is replaced by the following:

'Ibrahim Hassan Tali Al-Asiri (alias (a) Ibrahim Hassan Tali Asiri, (b) Ibrahim Hasan Talea Aseeri, (c) Ibrahim Hassan al-Asiri, (d) Ibrahim Hasan Tali Asiri, (e) Ibrahim Hassan Tali Assiri, (f) Ibrahim Hasan Tali'A 'Asiri, (g) Ibrahim Hasan Tali al-'Asiri, (h) Ibrahim al-'Asiri, (i) Ibrahim Hassan Al Asiri, (j) Abu Saleh, (k) Abosslah, (l) Abu-Salaah). Address: Yemen. Date of birth: (a) 19.4.1982, (b) 18.4.1982, (c) 24.6.1402 (Hijri Calendar). Place of birth: Riyadh, Saudi Arabia. Nationality: Saudi Arabian. Passport No: F654645 (Saudi Arabian passport number, issued on 30.4.2005, expired on 7.3.2010, issue date in Hijri Calendar 24.06.1426, expiry date in Hijri Calendar 21.03.1431). National identification No: 1028745097 (Saudi Arabian civil identification number). Other information: Believed to be hiding in Yemen as at March 2011. Date of designation referred to in Article 7d(2)(i): 24.3.2011.'

(2) The identifying data for the following entries under the heading 'Legal persons, groups and entities' are amended as follows:

- (a) 'Al-Haramain Islamic Foundation (alias (a) Vazir, (b) Vezir). Address: (a) 64 Poturmahala, Travnik, Bosnia and Herzegovina; (b) Sarajevo, Bosnia and Herzegovina. Other information: Employees and associates include Najib Ben Mohamed Ben Salem Al-Waz. Date of designation referred to in Article 2a (4) (b): 13.3.2002.'

is replaced by the following:

'Al-Haramain Islamic Foundation (alias (a) Vazir, (b) Vezir). Address: (a) 64 Poturmahala, Travnik, Bosnia and Herzegovina; (b) Sarajevo, Bosnia and Herzegovina. Date of designation referred to in Article 7d(2)(i): 13.3.2002.'

- (b) 'Rajah Solaiman Movement (alias (a) Rajah Solaiman Islamic Movement, (b) Rajah Solaiman Revolutionary Movement). Address: (a) Barangay Mal-Ong, Anda, Pangasinan Province, Philippines; (b) Sitio Dueg, Barangay Maasin, San Clemente, Tarlac Province, Philippines; (c) Number 50, Purdue Street, Cubao, Quezon City, Philippines. Other information: (a) Founded and headed by Hilarion Del Rosario Santos III; (b) Associated with the Abu Sayyaf Group and Jemaah Islamiyah the International Islamic Relief Organisation, Philippines, branch offices and Khadafi Abubakar Janjalani. Date of designation referred to in Article 2a (4) (b): 4.6.2008.'

is replaced by the following:

'Rajah Solaiman Movement (alias (a) Rajah Solaiman Islamic Movement, (b) Rajah Solaiman Revolutionary Movement). Address: (a) Barangay Mal-Ong, Anda, Pangasinan Province, Philippines; (b) Sitio Dueg, Barangay Maasin, San Clemente, Tarlac Province, Philippines; (c) Number 50, Purdue Street, Cubao, Quezon City, Philippines. Other information: Founded and headed by Hilarion Del Rosario Santos III. Date of designation referred to in Article 7d(2)(i): 4.6.2008.'

COMMISSION IMPLEMENTING REGULATION (EU) 2018/734**of 17 May 2018****on the minimum selling price for skimmed milk powder for the 20th partial invitation to tender within the tendering procedure opened by Implementing Regulation (EU) 2016/2080**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 1308/2013 of the European Parliament and of the Council of 17 December 2013 establishing a common organisation of the markets in agricultural products and repealing Council Regulations (EEC) No 922/72, (EEC) No 234/79, (EC) No 1037/2001 and (EC) No 1234/2007 ⁽¹⁾,

Having regard to Commission Implementing Regulation (EU) 2016/1240 of 18 May 2016 laying down rules for the application of Regulation (EU) No 1308/2013 of the European Parliament and of the Council with regard to public intervention and aid for private storage ⁽²⁾, and in particular Article 32 thereof,

Whereas:

- (1) Commission Implementing Regulation (EU) 2016/2080 ⁽³⁾ has opened the sale of skimmed milk powder by a tendering procedure.
- (2) In the light of the tenders received for the 20th partial invitation to tender, a minimum selling price should be fixed.
- (3) The measures provided for in this Regulation are in accordance with the opinion of the Committee for the Common Organisation of the Agricultural Markets,

HAS ADOPTED THIS REGULATION:

Article 1

For the 20th partial invitation to tender for the selling of skimmed milk powder within the tendering procedure opened by Implementing Regulation (EU) 2016/2080, in respect of which the period during which tenders were to be submitted ended on 15 May 2018, the minimum selling price shall be 115,50 EUR/100 kg.

Article 2

This Regulation shall enter into force on the day of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 May 2018.

*For the Commission,
On behalf of the President,
Jerzy PLEWA*

*Director-General
Directorate-General for Agriculture and Rural Development*

⁽¹⁾ OJ L 347, 20.12.2013, p. 671.

⁽²⁾ OJ L 206, 30.7.2016, p. 71.

⁽³⁾ Commission Implementing Regulation (EU) 2016/2080 of 25 November 2016 opening the sale of skimmed milk powder by a tendering procedure (OJ L 321, 29.11.2016, p. 45).

COMMISSION IMPLEMENTING REGULATION (EU) 2018/735**of 17 May 2018****on the maximum buying-in price for skimmed milk powder for the third individual invitation to tender within the tendering procedure opened by Implementing Regulation (EU) 2018/154**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Council Regulation (EU) No 1370/2013 of 16 December 2013 determining measures on fixing certain aids and refunds related to the common organisation of the markets in agricultural products ⁽¹⁾, and in particular Article 3 thereof,

Whereas:

- (1) Commission Implementing Regulation (EU) 2018/154 ⁽²⁾ has opened buying-in of skimmed milk powder by a tendering procedure for the public intervention period from 1 March to 30 September 2018, in accordance with the conditions provided for in Commission Implementing Regulation (EU) 2016/1240 ⁽³⁾.
- (2) In accordance with Article 14(1) of Implementing Regulation (EU) 2016/1240, on the basis of the tenders received in response to individual invitations to tender, the Commission has to fix a maximum buying-in price or to decide not to fix a maximum buying-in price.
- (3) In the light of the tenders received for the third individual invitation to tender, a maximum buying-in price should not be fixed.
- (4) The measures provided for in this Regulation are in accordance with the opinion of the Committee for the Common Organisation of the Agricultural Markets,

HAS ADOPTED THIS REGULATION:

Article 1

For the third individual invitation to tender for the buying-in of skimmed milk powder within the tendering procedure opened by Implementing Regulation (EU) 2018/154, in respect of which the time limit for the submission of tenders expired on 15 May 2018, no maximum buying-in price shall be fixed.

Article 2

This Regulation shall enter into force on the day of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 May 2018.

For the Commission,

On behalf of the President,

Jerzy PLEWA

Director-General

Directorate-General for Agriculture and Rural Development

⁽¹⁾ OJ L 346, 20.12.2013, p. 12.

⁽²⁾ Commission Implementing Regulation (EU) 2018/154 of 30 January 2018 opening a tendering procedure for buying-in skimmed milk powder during the public intervention period from 1 March to 30 September 2018 (OJ L 29, 1.2.2018, p. 6).

⁽³⁾ Commission Implementing Regulation (EU) 2016/1240 of 18 May 2016 laying down rules for the application of Regulation (EU) No 1308/2013 of the European Parliament and of the Council with regard to public intervention and aid for private storage (OJ L 206, 30.7.2016, p. 71).

DIRECTIVES

COMMISSION DELEGATED DIRECTIVE (EU) 2018/736

of 27 February 2018

amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for certain electrical and electronic components containing lead in glass or ceramic

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾ and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 7(c)-I of Annex III to Directive 2011/65/EU exempted the use of lead in electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU. Moreover, the Commission received in November 2014 a request for a new exemption (request No 2015-1) for lead use in thin film electronic sensor elements such as pyroelectric sensors or piezoelectric sensors, which is an application covered by point 7(c)-I. During the following stakeholder consultations it has been agreed with the applicant to evaluate the exemption request 2015-1 in the broader context of the exemption 7(c)-I.
- (3) In ceramics, lead provides particular dielectric, piezoelectric, pyroelectric, ferroelectric, semiconductor, magnetic properties over a wide use ranges in terms of temperatures, voltages or frequencies. In glass, lead provides crucial properties such as lowering the melting and softening points, improving workability, machinability, and chemical stability and others. Lead-containing glass can be used over a wide range of applications, including insulation, protection, resistance, bonding or hermetic sealing.
- (4) Currently, substitution or elimination of lead in glass and/or ceramic is still scientifically or technically impracticable.
- (5) Since for the applications concerned in categories 1 to 7 and 10, no reliable alternatives are available on the market or are likely to be available on the market in the near future, a renewal of the exemption with a validity period until 21 July 2021 is justified, while nonessential splitting of the wording and a shorter period could generate unnecessary administrative burden. In order to avoid overlapping scopes of exemptions within the Annex III to Directive 2011/65/EU, the proposed wording clarifies that the applications covered by exemption 34 are excluded from the exemption 7(c)-I. For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in the second subparagraph of Article 5(2) of Directive 2011/65/EU.
- (6) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 27 February 2018.

For the Commission

The President

Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 7(c)-I is replaced by the following:

'7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	Applies to categories 1-7 and 10 (except applications covered under point 34) and expires on 21 July 2021. For categories 8 and 9 other than <i>in vitro</i> diagnostic medical devices and industrial monitoring and control instruments expires on 21 July 2021. For category 8 <i>in vitro</i> diagnostic medical devices expires on 21 July 2023. For category 9 industrial monitoring and control instruments, and for category 11 expires on 21 July 2024.'
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COMMISSION DELEGATED DIRECTIVE (EU) 2018/737**of 27 February 2018****amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾ and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 24 of Annex III to Directive 2011/65/EU exempted the use of lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU.
- (3) Discoidal and planar array capacitors are derivations of multi-layer ceramic capacitors. They are specialist capacitors used in electromagnetic interference filters and electromagnetic interference filtered connectors for high end applications, where the elimination of electrical interference is critical. Typical applications for assemblies incorporating those components include professional audio equipment, maritime monitoring and video surveillance systems.
- (4) Lead-containing solders used in discoidal and planar array capacitors provide the combination of a suitable melting point and ductility. The ductility of that solder avoids cracking of the ceramic layer during and after soldering due to thermal mismatch between the ceramic capacitor and the copper pin.
- (5) Currently, the substitution of lead is scientifically and technically impracticable.
- (6) Since for the applications concerned in categories 1 to 7 and 10, no sufficiently reliable alternatives are available on the market or are likely to be available on the market in the near future, validity period until 21 July 2021 is justified. For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in the second subparagraph of Article 5(2) of Directive 2011/65/EU.
- (7) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 27 February 2018.

For the Commission
The President
Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 24 is replaced by the following:

'24	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors	Expires on: — 21 July 2021 for categories 1-7 and 10, — 21 July 2021 for categories 8 and 9 other than <i>in vitro</i> diagnostic medical devices and industrial monitoring and control instruments, — 21 July 2023 for category 8 <i>in vitro</i> diagnostic medical devices, — 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.'
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COMMISSION DELEGATED DIRECTIVE (EU) 2018/738**of 27 February 2018****amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead in cermet-based trimmer potentiometer elements****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾ and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 34 of Annex III to Directive 2011/65/EU exempted the use of lead in cermet-based trimmer potentiometer elements until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU.
- (3) Trimmer potentiometers are variable resistors. They work with a wiper to adjust the resistance of the circuit. They are applied in a wide range of products like, e.g. audiovisual equipment, communication equipment, toys and measuring devices, electrical household appliances. They contain lead as lead oxide in resistive inks where it acts as a bonding agent.
- (4) Currently, there are no reliable lead-free alternatives available so that substitution of lead is still scientifically and technically impracticable.
- (5) Since for the applications concerned in categories 1 to 7 and 10, no sufficiently reliable alternatives are available on the market or are likely to be available on the market in the near future, validity period until 21 July 2021 is justified. For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in the second subparagraph of Article 5(2) of Directive 2011/65/EU.
- (6) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 27 February 2018.

For the Commission

The President

Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 34 is replaced by the following:

'34	Lead in cermet-based trimmer potentiometer elements	Applies to all categories; expires on: — 21 July 2021 for categories 1-7 and 10, — 21 July 2021 for categories 8 and 9 other than <i>in vitro</i> diagnostic medical devices and industrial monitoring and control instruments, — 21 July 2023 for category 8 <i>in vitro</i> diagnostic medical devices, — 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.'
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COMMISSION DELEGATED DIRECTIVE (EU) 2018/739**of 1 March 2018****amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead as an alloying element in steel****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾ and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 6(a) of Annex III to Directive 2011/65/EU exempted the use of lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU.
- (3) Lead is added to steel as a machinability enhancer for industrial production. It has a lubrication effect that eases deep drilling and high speed operations. Galvanisation is the process of applying a protective zinc coating to steel in order to prevent corrosion.
- (4) Though lead-free steel is available for some specific applications, the substitution in the remaining applications is currently scientifically and technically impracticable. A further narrowing of the scope of the exemption has proven to be currently not feasible due to the high complexity of the supply chain.
- (5) Among galvanised steels, lead is still necessary only in batch hot dip galvanised steel and in a lower concentration due to progress in technology.
- (6) Since for the applications concerned in categories 1 to 7 and 10, no sufficiently reliable alternatives are available today or are likely to be available on the market in the near future, and in case of hot dip galvanised steel, the lead content results from impurities from recycled zinc, validity period until 21 July 2021 is justified for both application, while a shorter period could generate unnecessary administrative burden for the industry. For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in the second subparagraph of Article 5(2) of Directive 2011/65/EU.
- (7) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 1 March 2018.

For the Commission
The President
Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 6(a) is replaced by the following:

'6(a)	Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight	Expires on: — 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments; — 21 July 2023 for category 8 in vitro diagnostic medical devices; — 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight	Expires on 21 July 2021 for categories 1-7 and 10.'

COMMISSION DELEGATED DIRECTIVE (EU) 2018/740**of 1 March 2018****amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead as an alloying element in aluminium****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾ and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 6(b) of Annex III to Directive 2011/65/EU exempted the use of lead as an alloying element in aluminium containing up to 0,4 % lead by weight until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU.
- (3) Lead is intentionally added to aluminium as a machinability enhancer for industrial production. Certain lead-free alternatives have been recently made available on the market. The technical practicability and reliability of these alternatives are still unclear.
- (4) Furthermore, while lead-bearing aluminium scrap recycling is environmentally advantageous, the elimination of this unintentionally introduced lead from the aluminium recycling stream is not yet technically practicable.
- (5) Aluminium alloys where lead is not intentionally introduced and aluminium alloys where lead is added to obtain certain properties should be differentiated in the wording of point 6(b) of Annex III to Directive 2011/65/EU, in accordance with Article 5(1)(a) of that Directive.
- (6) In case of unintentional presence of lead stemming from lead-bearing aluminium scrap recycling, the impracticability of lead elimination and the lower environmental impact of recycled aluminium justifies granting an exemption until 21 July 2021 for categories 1 to 7 and 10. Regarding lead in aluminium alloys for machining purposes, an exemption for categories 1 to 7 and 10 with the duration of 3 years after the publication of this Directive in the *Official Journal of the European Union* should be granted to allow the industry to carry out necessary assessments of the performance of lead-free alternatives available on the market and adapt to possible changes. For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in the second subparagraph of Article 5(2) of Directive 2011/65/EU.
- (7) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 1 March 2018.

For the Commission
The President
Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 6(b) is replaced by the following:

'6(b)	Lead as an alloying element in aluminium containing up to 0,4 % lead by weight	Expires on: — 21 July 2021 for categories 8 and 9 other than <i>in vitro</i> diagnostic medical devices and industrial monitoring and control instruments, — 21 July 2023 for category 8 <i>in vitro</i> diagnostic medical devices, — 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
6(b)-I	Lead as an alloying element in aluminium containing up to 0,4 % lead by weight, provided it stems from lead-bearing aluminium scrap recycling	Expires on 21 July 2021 for categories 1-7 and 10.
6(b)-II	Lead as an alloying element in aluminium for machining purposes with a lead content up to 0,4 % by weight	Expires on 18 May 2021 for categories 1-7 and 10.'

COMMISSION DELEGATED DIRECTIVE (EU) 2018/741**of 1 March 2018****amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead as an alloying element in copper****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾ and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 6(c) of Annex III to Directive 2011/65/EU exempted the use of lead as an alloying element in copper containing up to 4 % lead by weight until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU.
- (3) Lead in copper alloys acts as chip breaker and lubricant, gives copper alloys a favourable machinability, and provides the finished component also with other properties, such as corrosion resistance.
- (4) Currently, alternatives to the use of copper alloys containing lead up to 4 % by weight cannot be identified as scientifically or technically practicable. Therefore, a renewal of the exemption for the duration of 5 years after the former expiry date is justified to allow carrying out a comprehensive survey of the supply chain.
- (5) For categories 1 to 7 and 10, the exemption should be renewed until 21 July 2021 to allow performing a comprehensive survey of the supply chain in order to narrow the scope of the exemption at the time of the next review. For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in Article 5(2) of Directive 2011/65/EU.
- (6) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 1 March 2018.

For the Commission

The President

Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 6(c) is replaced by the following:

'6(c)	Copper alloy containing up to 4 % lead by weight	Expires on: — 21 July 2021 for categories 1-7 and 10, — 21 July 2021 for categories 8 and 9 other than <i>in vitro</i> diagnostic medical devices and industrial monitoring and control instruments, — 21 July 2023 for category 8 <i>in vitro</i> diagnostic medical devices, — 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.'
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COMMISSION DELEGATED DIRECTIVE (EU) 2018/742**of 1 March 2018****amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead in high melting temperature solders****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ⁽¹⁾, and in particular Article 5(1)(a) thereof,

Whereas:

- (1) Directive 2011/65/EU requires Member States to ensure that electrical and electronic equipment placed on the market does not contain lead.
- (2) Point 7(a) of Annex III to Directive 2011/65/EU exempted the use of lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead) until 21 July 2016. The Commission received an application for renewal of this exemption in relation to categories 1 to 7 and 10 before 21 January 2015, in accordance with Article 5(5) of Directive 2011/65/EU.
- (3) Lead gives solders crucial properties such as high melting point, electrical conductivity, thermal conductivity, ductility, corrosion-resistivity, appropriate oxidation nature, and wettability.
- (4) Currently, substitution or elimination of lead in high melting temperature solders is still scientifically or technically impracticable. Neither is it at current stage possible to narrow the scope of the exemption due to the high diversity of the applications concerned.
- (5) Since for the applications concerned in categories 1 to 7 and 10 no reliable alternatives are available on the market or are likely to be available on the market in the near future, a renewal of the exemption with a validity period until 21 July 2021 is justified, while nonessential splitting of the wording and a shorter period could generate unnecessary administrative burden for the industry. In order to avoid overlapping scopes of exemptions within the Annex III to Directive 2011/65/EU, the proposed wording clarifies that the applications covered by exemption 24 (solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors) are excluded from the exemption 7(a). For categories other than categories 1 to 7 and 10, the existing exemption is valid as per the validity periods set out in the second subparagraph of Article 5(2) of Directive 2011/65/EU.
- (6) Directive 2011/65/EU should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Annex III to Directive 2011/65/EU is amended as set out in the Annex to this Directive.

Article 2

1. Member States shall adopt and publish, by 30 June 2019 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 July 2019.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

⁽¹⁾ OJ L 174, 1.7.2011, p. 88.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

Article 3

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

Article 4

This Directive is addressed to the Member States.

Done at Brussels, 1 March 2018.

For the Commission

The President

Jean-Claude JUNCKER

ANNEX

In Annex III to Directive 2011/65/EU, point 7(a) is replaced by the following:

'7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)	Applies to categories 1-7 and 10 (except applications covered by point 24 of this Annex) and expires on 21 July 2021. For categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments expires on 21 July 2021. For category 8 in vitro diagnostic medical devices expires on 21 July 2023. For category 9 industrial monitoring and control instruments, and for category 11 expires on 21 July 2024.'
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DECISIONS

COMMISSION IMPLEMENTING DECISION (EU) 2018/743

of 16 May 2018

on a pilot project to implement the administrative cooperation provisions set out in Regulation (EU) 2016/679 of the European Parliament and of the Council by means of the Internal Market Information System

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 1024/2012 of the European Parliament and of the Council of 25 October 2012 on administrative cooperation through the Internal Market Information System and repealing Commission Decision 2008/49/EC ('the IMI Regulation') ⁽¹⁾, and in particular Article 4(1) thereof,

Whereas:

- (1) The Internal Market Information System ('IMI'), established by Regulation (EU) No 1024/2012 is a software application accessible via the internet, developed by the Commission in cooperation with the Member States, in order to assist Member States with the practical implementation of information exchange requirements laid down in Union acts by providing a centralised communication mechanism to facilitate cross-border exchange of information and mutual assistance.
- (2) Regulation (EU) 2016/679 of the European Parliament and of the Council ⁽²⁾ lays down rules relating to the protection of natural persons with regard to the processing of personal data and rules relating to the free movement of personal data. It sets out procedures for administrative cooperation between the supervisory authorities, between supervisory authorities and the European Data Protection Board ('the Board'), and where relevant, with the Commission. IMI could be an effective tool in implementing provisions on administrative cooperation set out in Regulation (EU) 2016/679. It is therefore necessary to carry out a pilot project referred to in Article 4 of Regulation (EU) No 1024/2012.
- (3) In those cases where Member States have designated, in line with Regulation (EU) 2016/679, a supervisory authority to function as a single contact point, such a contact point should also be considered as a competent authority for the purposes of this pilot project.
- (4) In order to ensure the consistent application of the provisions of Regulation (EU) 2016/679, outlining the cooperation between supervisory authorities, the Commission and the Board, IMI should provide for the storing of all data relevant for information exchanges. IMI should allow supervisory authorities to reuse such data for any subsequent processing in information exchanges under Articles 56, 60 to 66 of Regulation (EU) 2016/679.
- (5) IMI should provide for functionality that allows the European Data protection Board to share documents and information in accordance with points (d) to (k), (m) and (x) of Article 70(1) of Regulation (EU) 2016/679 that is necessary to ensure consistent and timely processing of cases.
- (6) In accordance with Article 4(2) of Regulation (EU) No 1024/2012 the Commission is to submit an evaluation of the outcome of the pilot project to the European Parliament and the Council. It is appropriate to provide for a date by which such evaluation should be submitted.
- (7) Regulation (EU) 2016/679 will apply from 25 May 2018. This Decision should therefore apply from the same date.
- (8) The measures provided for in this Decision are in accordance with the opinion of the Committee established by Article 24 of Regulation (EU) No 1024/2012,

⁽¹⁾ OJ L 316, 14.11.2012, p. 1.

⁽²⁾ Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

HAS ADOPTED THIS DECISION:

Article 1

The pilot project

Articles 56, 60 to 66 and points (d) to (k), (m) and (x) of Article 70(1) of Regulation (EU) 2016/679 shall be subject to a pilot project to implement the administrative cooperation provisions set out in those Articles by means of the Internal Market Information System ('IMI').

Article 2

Competent authorities

For the purposes of the pilot project, the supervisory authorities referred to in Article 51 of Regulation (EU) 2016/679 and the European Data Protection Board referred to in Article 68 of Regulation (EU) 2016/679 ('the Board') shall be considered as competent authorities.

Article 3

Administrative cooperation between supervisory authorities

1. For the purposes of Article 56 of Regulation (EU) 2016/679, IMI shall, in particular, provide for the following basic technical functionality:

- (a) initiation of a consultation to determine the lead supervisory authority and any other supervisory authorities concerned for a given cross-border processing;
- (b) communication of an intention to participate in a consultation under point (a);
- (c) communication of an intention to handle a case locally;
- (d) communication of the lead authority's intention to handle or not to handle the case.

2. For the purposes of Article 60 of Regulation (EU) 2016/679, IMI shall provide for, in particular, the following basic technical functionality:

- (a) communication and initiation of a consultation on a draft decision;
- (b) communication and initiation of a consultation on a revised draft decision;
- (c) communication of an intention to participate in the consultation under point (a) and (b), including communication of relevant and reasoned objections;
- (d) communication of an adopted decision.

3. For the purposes of Article 61 of Regulation (EU) 2016/679, IMI shall provide for, in particular, the following basic technical functionality:

- (a) requesting mutual assistance from another supervisory authority in the form of information and/or supervisory measures;
- (b) responding to a mutual assistance request including acceptance or in exceptional cases refusals to comply with the request;
- (c) communication of the progress and the result of measures taken in order to respond to the request;
- (d) communication of any cost considerations.

4. For the purposes of Article 62 of Regulation (EU) 2016/679, IMI shall provide for, in particular, the following basic technical functionality:

- (a) invitation to take part in the joint operations including joint investigations and joint enforcement measures.
- (b) communication of a request to participate or not in a joint operation
- (c) communication of the agreement to conduct a joint operation.

*Article 4***Administrative cooperation between supervisory authorities, the Board and the Commission**

1. For the purposes of Article 64 of Regulation (EU) 2016/679, IMI shall provide for, in particular, the following basic technical functionality:

- (a) submitting a request for an opinion of the Board on the following:
 - (i) a draft decision of the competent supervisory authority concerning any of the measures listed in Article 64(1);
 - (ii) a matter of general application;
 - (iii) matter producing effects in more than one Member State;
- (b) communicating a draft opinion of the Board;
- (c) communication concerning the request and in particular the draft opinion of the Board;
- (d) communicating a final opinion issued by the Board;
- (e) communicating an intention to follow or not the opinion of the Board and where relevant to amend the draft decision and communicate the amended draft decision.

2. For the purposes of Article 65 of Regulation (EU) 2016/679, IMI shall provide for, in particular, the following basic technical functionality:

- (a) submitting a request for a binding decision of the Board where:
 - (i) a supervisory authority concerned has raised a relevant and reasoned objection to a draft decision of the lead authority and the lead authority has rejected such a relevant and reasoned objection as being not relevant or reasoned in accordance with Article 60(4) of Regulation (EU) 2016/679;
 - (ii) there are conflicting views on which of the supervisory authorities concerned is competent for the main establishment;
 - (iii) a competent supervisory authority does not request the opinion of the Board in the cases referred to in Article 64 (1) of Regulation (EU) 2016/679;
 - (iv) a competent supervisory authority does not follow an opinion of the Board issued under Article 64 of Regulation (EU) 2016/679;
- (b) communicating the draft of a binding decision of the Board;
- (c) communication on the request and in particular the binding decision of the Board;
- (d) communicating the binding decision adopted by the Board;
- (e) communicating that a supervisory authority has notified respectively to the controller or the processor and to the data subject the final decision and the date of the notification.

3. For the purposes of Article 66 of Regulation (EU) 2016/679, IMI shall, in particular, provide for the following basic technical functionality:

- (a) communication of provisional measures and the reasons for adopting them;
- (b) submitting a request for an urgent opinion or an urgent decision of the Board;
- (c) communicating a draft opinion or a draft decision of the Board;
- (d) communication concerning the request and in particular the draft opinion or draft decision of the Board;
- (e) communicating the Board's final opinion or final decision;
- (f) communicating an intention to follow or not the opinion of the Board and where relevant to amend the draft decision;
- (g) communicating that a supervisory authority has notified the parties concerned of the decision.

*Article 5***Storage and reuse of data for subsequent processing**

IMI shall provide for storage of data processed during information exchanges under Articles 56, 60 to 66 of Regulation (EU) 2016/679. Where such data is necessary for subsequent processing under those Articles, IMI shall allow for the reuse of stored data.

*Article 6***Ensuring consistent application of Regulation (EU) 2016/679**

IMI shall provide for functionality that allows the Board to share documents and information as referred to in points (d) to (k), (m) and (x) of Article 70 (1) of Regulation (EU) 2016/679.

*Article 7***Evaluation**

An evaluation of the outcome of the pilot project referred to in Article 4(2) of Regulation (EU) No 1024/2012 shall be submitted to the European Parliament and the Council by 31 December 2021.

*Article 8***Entry into force and application**

This Decision shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 25 May 2018.

Done at Brussels, 16 May 2018.

For the Commission
The President
Jean-Claude JUNCKER

COMMISSION IMPLEMENTING DECISION (EU) 2018/744**of 16 May 2018****amending Implementing Decision (EU) 2016/2008 concerning animal health control measures relating to lumpy skin disease in certain Member States***(notified under document C(2018) 2815)***(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Council Directive 89/662/EEC of 11 December 1989 concerning veterinary checks in intra-Community trade with a view to the completion of the internal market ⁽¹⁾, and in particular Article 9(4) thereof,

Having regard to Council Directive 90/425/EEC of 26 June 1990 concerning veterinary and zootechnical checks applicable in intra-Community trade in certain live animals and products with a view to the completion of the internal market ⁽²⁾, and in particular Article 10(4) thereof,

Having regard to Council Directive 92/119/EEC of 17 December 1992 introducing general Community measures for the control of certain animal diseases and specific measures relating to swine vesicular disease ⁽³⁾, and in particular Article 14(2), Article 19(1)(a) and (3)(a), and Article 19(4) and (6) thereof,

Having regard to Council Directive 2002/99/EC of 16 December 2002 laying down the animal health rules governing the production, processing, distribution and introduction of products of animal origin for human consumption ⁽⁴⁾, and in particular Article 4(3) thereof,

Whereas:

- (1) Directive 92/119/EEC lays down general control measures to be applied in the event of an outbreak of certain animal diseases, including lumpy skin disease (LSD). These control measures include the establishment of protection and surveillance zones around the infected holding, and they also provide for emergency vaccination in the case of an outbreak of LSD as a supplement to other control measures.
- (2) Commission Implementing Decision (EU) 2016/2008 ⁽⁵⁾ lays down animal health control measures in relation to the occurrence of LSD in certain Member States or parts thereof. It defines 'infected zones' as the parts of the territory of a Member State listed in Part II of Annex I to that Implementing Decision which includes the areas where LSD was confirmed and any protection and surveillance zones established in accordance with Directive 92/119/EEC, and where vaccination against LSD may be implemented following the approval of vaccination programmes. It also defines 'free zones with vaccination' as the parts of the territory of a Member State listed in Part I of that Annex which include the areas outside the 'infected zones', where vaccination against LSD is implemented following the approval of vaccination programmes.
- (3) Implementing Decision (EU) 2016/2008 provides for specific risk mitigation measures and trade restrictions in relation to live bovine animals and captive wild ruminants, their germinal products, and other products of those animals to be put in place in the 'free zones with vaccination', with a view to minimising any risk of the spread of LSD.

⁽¹⁾ OJ L 395, 30.12.1989, p. 13.

⁽²⁾ OJ L 224, 18.8.1990, p. 29.

⁽³⁾ OJ L 62, 15.3.1993, p. 69.

⁽⁴⁾ OJ L 18, 23.1.2003, p. 11.

⁽⁵⁾ Commission Implementing Decision (EU) 2016/2008 of 15 November 2016 concerning animal health control measures relating to lumpy skin disease in certain Member States (OJ L 310, 17.11.2016, p. 51).

- (4) LSD was confirmed in continental Europe for the first time in August 2015 (Greece). In 2016 the disease reappeared, affecting in total seven countries in South-East Europe (Greece, Bulgaria, the former Yugoslav Republic of Macedonia, Serbia, Kosovo ⁽¹⁾, Albania & Montenegro) while in 2017 LSD was present in a much lesser extent (large-scale recurrence only in Albania and only few sporadic outbreaks in Greece and the former Yugoslav Republic of Macedonia).
- (5) In response to LSD all affected Member States (Greece and Bulgaria) as well as all affected non-EU countries quickly resorted to mass vaccination of all their live bovine animals and captive wild ruminants for at least two consecutive years (2016 and 2017). During the same period the same vaccination measure was implemented by Croatia, where LSD has never occurred to date, as a preventive measure, in view of the epidemiological situation in neighbouring countries.
- (6) Since the first occurrence of LSD in continental Europe, the European Food Safety Authority (EFSA) has produced on LSD an urgent advice, adopted on 29 July 2016 ⁽²⁾ and two reports, approved on 27 March 2017 ⁽³⁾ and 29 January 2018 ⁽⁴⁾ respectively. All these scientific assessments indicate that the results from the analysis of the available LSD epidemiological data in Europe in 2016 and 2017 suggest that mass vaccination campaigns against LSD, where they were properly implemented, brought the disease under control by preventing the occurrence of new outbreaks. In addition it is concluded that mass vaccination is the most effective measure in controlling LSD, especially if protection of the vaccinated animals had already been developed before disease entry, namely, by preventive vaccination.
- (7) The effectiveness of the recent vaccination campaigns against LSD, as confirmed by the EFSA Advice of 2016 and the EFSA Reports of 2017 and 2018, suggests that the risk of LSD spread, due to movement of live bovine animals and captive wild ruminants within a free zone with vaccination, is very low after the completion of an LSD vaccination campaign in accordance with Annex II to Implementing Decision (EU) 2016/2008.
- (8) Croatia, Bulgaria and Greece have their entire territory or parts of it listed in Annex I to Implementing Decision (EU) 2016/2008 as 'free zones with vaccination'.
- (9) Both Croatia and Bulgaria reported already completion of their LSD vaccination campaign in their 'free zones with vaccination' in the year 2017, in accordance with Annex II to Implementing Decision (EU) 2016/2008. In addition Croatia, in view of the favourable 2017 epidemiological situation in South-East Europe, will cease LSD vaccination, as of 2018.
- (10) Upon completion of the LSD vaccination campaign in the 'free zones with vaccination' of Greece the derogations introduced by this Decision should apply for the relevant 'free zones with vaccination' of Greece.
- (11) Under the current provisions of Article 6a of Implementing Decision (EU) 2016/2008, movement of live bovine animals and captive wild ruminants within the 'free zones with vaccination' of the same Member State is allowed only if they originate from holdings where all other animals retain vaccine or maternal immunity, with few exceptions (animals due for emergency slaughter or animals introduced from LSD free areas less than 3 months ago). Hence, as a result of the progressive discontinuation of LSD vaccination in the 'free zones with vaccination', provisions are needed as regards the movements of live bovine animals and captive wild ruminants once maternal immunity of calves expires, especially during the second half of 2018.
- (12) The requirements concerning the derogations and special conditions for the dispatch of live bovine animals and captive wild ruminants within the 'free zones with vaccination' should therefore be amended and Article 6a of Implementing Decision (EU) 2016/2008 be amended accordingly.
- (13) The measures provided for in this Decision are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

⁽¹⁾ This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo Declaration of Independence.

⁽²⁾ EFSA Journal 2016;14(8):4573.

⁽³⁾ EFSA Journal 2017;15(4):4773.

⁽⁴⁾ EFSA Journal 2018;16(2):5176.

HAS ADOPTED THIS DECISION:

Article 1

In paragraph (2) of Article 6a of Implementing Decision (EU) 2016/2008, the following point (e) is added:

- ‘(e) the animals, irrespective of their individual vaccination status or vaccination in their holding of origin against lumpy skin disease, are moved from holdings situated in an area listed in Part I of Annex I to any destination situated within another area listed in Part I of Annex I of the same Member State provided that:
 - (i) the competent authorities of the Member State concerned have implemented an annual vaccination programme against lumpy skin disease in all the areas of that Member State listed in Part I of Annex I, which was completed at least 28 days prior to the date of dispatch, and which complied with the conditions laid down in Annex II and was approved by the Commission, and have informed the Commission and the other Member States of the commencement date and the completion date of this vaccination programme; and
 - (ii) in case the movement of the animals is carried out through an area listed in Part II of Annex I, a channelling procedure in accordance with Article 12 has been set up, under the control of the competent authorities of the places of origin, transit and destination.’

Article 2

This Decision is addressed to the Member States.

Done at Brussels, 16 May 2018.

For the Commission
Vytenis ANDRIUKAITIS
Member of the Commission

COMMISSION IMPLEMENTING DECISION (EU) 2018/745**of 16 May 2018****amending the Annex to Implementing Decision 2014/709/EU concerning animal health control measures relating to African swine fever in certain Member States***(notified under document C(2018) 2817)***(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Council Directive 89/662/EEC of 11 December 1989 concerning veterinary checks in intra-Community trade with a view to the completion of the internal market ⁽¹⁾, and in particular Article 9(4) thereof,

Having regard to Council Directive 90/425/EEC of 26 June 1990 concerning veterinary and zootechnical checks applicable in intra-Community trade in certain live animals and products with a view to the completion of the internal market ⁽²⁾, and in particular Article 10(4) thereof,

Having regard to Council Directive 2002/99/EC of 16 December 2002 laying down the animal health rules governing the production, processing, distribution and introduction of products of animal origin for human consumption ⁽³⁾, and in particular Article 4(3) thereof,

Whereas:

- (1) Commission Implementing Decision 2014/709/EU ⁽⁴⁾ lays down animal health control measures in relation to African swine fever in certain Member States, where there have been confirmed cases of that disease in domestic or feral pigs (the Member States concerned). The Annex to that Implementing Decision demarcates and lists certain areas of the Member States concerned in Parts I to IV thereof, differentiated by the level of risk based on the epidemiological situation as regards that disease.
- (2) The risk of the spread of African swine fever in wildlife is linked to the natural slow spread of that disease among wild boar populations, and also the risks linked to human activity, as demonstrated by the recent epidemiological evolution of that disease in the Union, and as documented by the European Food Safety Authority (EFSA) in the Scientific Opinion of the Panel on Animal Health and Welfare, published on 14 July 2015; in the Scientific Report of the EFSA on Epidemiological analyses on African swine fever in the Baltic countries and Poland, published on 23 March 2017; and in the Scientific Report of the EFSA on Epidemiological analyses of African swine fever in the Baltic States and Poland, published on 7 November 2017 ⁽⁵⁾.
- (3) The Annex to Implementing Decision 2014/709/EU has been amended several times to take account of changes in the epidemiological situation in the Union as regards African swine fever that needed to be reflected in that Annex.
- (4) In March 2018, a case of African swine fever in wild boar was observed in central-eastern Poland (namely, in gmina Sniadowo, gmina Latowicz and gmina Zambrow) in areas of Poland listed in Part I of the Annex to Implementing Decision 2014/709/EU. Also, other cases were observed in the south-eastern part of Poland (namely, in gmina Urszulin and gmina Zmudz) in areas of Poland listed in Part II of the Annex to Implementing Decision 2014/709/EU. These cases constitute an increased level of risk that should be reflected in that Annex.
- (5) Also in March 2018, a case of African swine fever in wild boar was observed in south-eastern Latvia (namely, in the Saldus region) at the boundary between an area listed in Part I and an area listed in Part II of the Annex to Implementing Decision 2014/709/EU. This case constitutes an increased level of risk that should be reflected in that Annex.

⁽¹⁾ OJ L 395, 30.12.1989, p. 13.

⁽²⁾ OJ L 224, 18.8.1990, p. 29.

⁽³⁾ OJ L 18, 23.1.2003, p. 11.

⁽⁴⁾ Commission Implementing Decision 2014/709/EU of 9 October 2014 concerning animal health control measures relating to African swine fever in certain Member States and repealing Implementing Decision 2014/178/EU (OJ L 295, 11.10.2014, p. 63).

⁽⁵⁾ EFSA Journal 2015;13(7):4163 [92 pp.]; EFSA Journal 2017;15(3):4732 [73 pp.]; and EFSA Journal 2017;15(11): 5068 [30 pp.].

- (6) In order to take account of recent developments in the epidemiological evolution of African swine fever in the Union, and in order to combat the risks associated with the spread of that disease in a proactive manner, new high risk areas of a sufficient size should be demarcated for Poland and Latvia and included in the lists in Parts I and II of the Annex to Implementing Decision 2014/709/EU. That Annex should therefore be amended accordingly.
- (7) The measures provided for in this Decision are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

HAS ADOPTED THIS DECISION:

Article 1

The Annex to Implementing Decision 2014/709/EU is replaced by the text set out in the Annex to this Decision.

Article 2

This Decision is addressed to the Member States.

Done at Brussels, 16 May 2018.

For the Commission
Vytenis ANDRIUKAITIS
Member of the Commission

ANNEX

The Annex to Implementing Decision 2014/709/EU is replaced by the following:

‘ANNEX

PART I

1. The Czech Republic

The following areas in the Czech Republic:

- okres Uherské Hradiště,
- okres Kroměříž,
- okres Vsetín,
- katastrální území obcí v okrese Zlín:
 - Bělov,
 - Biskupice u Luhačovic,
 - Bohuslavice nad Vláří,
 - Brumov,
 - Bylnice,
 - Divnice,
 - Dobrkovice,
 - Dolní Lhota u Luhačovic,
 - Drnovice u Valašských Klobouk,
 - Halenkovice,
 - Haluzice,
 - Hrádek na Vlárské dráze,
 - Hřivínův Újezd,
 - Jestřabí nad Vláří,
 - Kaňovice u Luhačovic,
 - Kelníky,
 - Kladná-Žilín,
 - Kochavec,
 - Komárov u Napajedel,
 - Křekov,
 - Lipina,
 - Lipová u Slavičína,
 - Ludkovice,
 - Luhačovice,
 - Machová,
 - Mírošov u Valašských Klobouk,
 - Mysločovice,
 - Napajedla,
 - Návojná,
 - Nedašov,
 - Nedašova Lhota,

- Nevšová,
- Otrokovice,
- Petrůvka u Slavičína,
- Pohořelice u Napajedel,
- Polichno,
- Popov nad Vláří,
- Poteč,
- Pozlovice,
- Rokytnice u Slavičína,
- Rudimov,
- Řetečov,
- Sazovice,
- Sidonie,
- Slavičín,
- Smolina,
- Spytihněv,
- Svatý Štěpán,
- Šanov,
- Šarovy,
- Štítná nad Vláří,
- Tichov,
- Tlumačov na Moravě,
- Valašské Klobouky,
- Velký Ořechov,
- Vlachova Lhota,
- Vlachovice,
- Vrbětice,
- Žlutava.

2. Estonia

The following areas in Estonia:

- Hiiu maakond.

3. Latvia

The following areas in Latvia:

- Aizputes novads,
- Alsungas novads,
- Kuldīgas novada Gudenieku, Turlavas, un Laidu pagasts,
- Pāvilostas novada Sakas pagasts un Pāvilostas pilsēta,
- Saldus novada Ezeres, Kursižu, Pampāļu, un Zaņas pagasts,
- Skrundas novada, Nīkrāces un Rudbāržu pagasts un Skrundas pagasta daļa, kas atrodas uz dienvidiem no autoceļa A9, Skrundas pilsēta,
- Stopiņu novada daļa, kas atrodas uz rietumiem no autoceļa V36, P4 un P5, Acones ielas, Dauguļupes ielas un Dauguļupītes,
- Ventspils novada Jūrkalnes pagasts.

4. Lithuania

The following areas in Lithuania:

- Akmenės rajono savivaldybė: Papilės seniūnijos,
- Jurbarko rajono savivaldybė: Eržvilko, Smalininkų ir Viešvilės seniūnijos,
- Kazlų Rūdos savivaldybė,
- Kelmės rajono savivaldybė,
- Mažeikių rajono savivaldybė: Sedos, Šerkšnėnų, Tirkšlių ir Židikų seniūnijos,
- Pagėgių savivaldybė,
- Raseinių rajono savivaldybė: Girkalnio ir Kalnųjų seniūnijos dalis į šiaurę nuo kelio Nr A1, Nemakščių, Paliepių, Raseinių, Raseinių miesto ir Viduklės seniūnijos,
- Šakių rajono savivaldybė,
- Šiaulių miesto savivaldybė,
- Šiaulių rajono savivaldybė,
- Tauragės rajono savivaldybė,
- Telšių rajono savivaldybė: Nevarėnų ir Tryškių seniūnijos.

5. Poland

The following areas in Poland:

w województwie warmińsko-mazurskim:

- gmina Stare Juchy w powiecie ełckim,
- gmina Dubeninki w powiecie gołdapskim,
- gmina Ruciane – Nida i część gminy Pisz położona na południe od linii wyznaczonej przez drogę nr 58 oraz miasto Pisz w powiecie piskim,
- gminy Giżycko z miastem Giżycko, Kruklanki, Miłki, Wydminy i Ryn w powiecie giżyckim,
- gmina Mikołajki w powiecie mrągowskim,
- gminy Kowale Oleckie, Olecko, Świątajno i część gminy Wieliczki położona na północ od linii wyznaczonej przez drogę nr 655 w powiecie oleckim,
- gminy Bisztynek i Sępól w powiecie bartoszyckim,
- gmina Korsze w powiecie kętrzyńskim,
- gminy Lidzbark Warmiński z miastem Lidzbark Warmiński, Lubomino, Orneta i Kiwity w powiecie lidzbarskim,
- część gminy Wilczęta położona na południe od linii wyznaczonej przez drogę nr 509 w powiecie braniewskim,
- gminy Godkowo, Milejewo, Młynary, Pasłęk i Tolkmicko w powiecie elbląskim,
- powiat miejski Elbląg.

w województwie podlaskim:

- gmina Brańsk z miastem Brańsk, gminy Rudka, Wyszki, część gminy Bielsk Podlaski położona na zachód od linii wyznaczonej przez drogę nr 19 (w kierunku północnym od miasta Bielsk Podlaski) i przedłużonej przez wschodnią granicę miasta Bielsk Podlaski i drogę nr 66 (w kierunku południowym od miasta Bielsk Podlaski) i miasto Bielsk Podlaski w powiecie bielskim,
- gmina Perlejewo w powiecie siemiatyckim,
- gminy Kolno z miastem Kolno, Mały Płock i Turośl w powiecie kolneńskim,
- gminy Juchnowiec Kościelny, Suraz i Poświętne w powiecie białostockim,
- gminy Kołaki Kościelne, Rutki, Szumowo, część gminy Zambrów położona na południe od linii wyznaczonej przez drogę nr S8 i miasto Zambrów w powiecie zambrowskim,
- gminy Bakałarzewo, Wizajny, Przerośl, Filipów, część gminy Raczki położona na północ od linii wyznaczonej przez drogę 655 i część gminy Suwałki położona na zachód od linii wyznaczonej przez drogę nr 655 w powiecie suwalskim,

- gminy Kulesze Kościelne, Nowe Piekuty, Szepietowo, Klukowo, Ciechanowiec, Wysokie Mazowieckie z miastem Wysokie Mazowieckie, Czyżew w powiecie wysokomazowieckim,
- gminy Miastkowo, Nowogród i Zbójna w powiecie łomżyńskim.

w województwie mazowieckim:

- gminy Ceranów, Kosów Lacki, Sabnie, Sterdyń, część gminy Bielany położona na zachód od linii wyznaczonej przez drogę nr 63 i część gminy wiejskiej Sokołów Podlaski położona na zachód od linii wyznaczonej przez drogę nr 63 w powiecie sokołowskim,
- gminy Grębków, Liw, Miedzna, Wierzbno i miasto Węgrów w powiecie węgrowskim,
- gmina Kotuń w powiecie siedleckim,
- gminy Rzekuń, Troszyn, Lelis, Czerwin i Goworowo w powiecie ostrołęckim,
- powiat miejski Ostrołęka,
- powiat ostrowski,
- gminy Mała Wieś i Wyszogród w powiecie płońskim,
- gminy Ojrzeń i Sońsk w powiecie ciechanowskim,
- gminy Czerwińsk nad Wisłą, Naruszewo, Płońsk z miastem Płońsk, Sochocin, Załuski i część gminy Nowe Miasto położona na północ od linii wyznaczonej przez drogę nr 620 w powiecie płońskim,
- gminy Obryte, Winnica, Świercze, Zatory i Pułtusk z miastem Pułtusk w powiecie pułtuskim,
- gminy Wyszaków, Zabrodzie, część gminy Somianka położona na północ od linii wyznaczonej przez drogę nr 62 i część gminy Rząśnik położona na południe od drogi łączącej miejscowości Rząśnik i Sieczychy w powiecie wyszkowskim,
- gminy, Klembów, Poświętne i Tuszcz w powiecie wołomińskim,
- gminy Mińsk Mazowiecki z miastem Mińsk Mazowiecki, Mrozy, Cegłów, Dębe Wielkie, Halinów, Kałuszyn, Siennica i Stanisławów w powiecie mińskim,
- gminy Garwolin z miastem Garwolin, Górzno, Miastków Kościelny, Parysów, Pilawa i Wilga w powiecie garwolińskim,
- gmina Tarczyn w powiecie piaseczyńskim,
- gminy Grójec, Jasieniec, Pniewy i Warka w powiecie grójeckim,
- gminy Grabów nad Pilicą i Magnuszew w powiecie kozienickim,
- gminy Brwinów, Michałowice, Nadarzyn, Piastów i, Pruszków w powiecie przuszkowskim,
- gminy Baranów, Grodzisk Mazowiecki, Milanówek, Podkowa Leśna i Żabia Wola w powiecie grodziskim,
- gminy Iłów, Młodzieszyn, Nowa Sucha, Rybno, Sochaczew z miastem Sochaczew i Teresin w powiecie sochaczewskim.

w województwie lubelskim:

- gminy Ludwin, Łączna, Milejów, Puchaczów, Spiczyn i część gminy Cyców położona na południe od linii wyznaczonej przez drogę nr 841 w powiecie łęczyńskim,
- gmina Borki w powiecie radzyńskim,
- gmina Adamów, Krzywda, Serokomla, Wojcieszków i Wola Mysłowska w powiecie łukowskim,
- gmina Siennica Różana w powiecie krasnostawskim,
- gminy Białopole, Leśniowice, Siedliszcze, Rejowiec, Rejowiec Fabryczny z miastem Rejowiec Fabryczny, Wojsławice i część gminy wiejskiej Chełm położona na południe od linii wyznaczonej przez drogę nr 812 biegnącą od zachodniej granicy tej gminy do granicy powiatu miejskiego Chełm, a następnie południową granicę powiatu miejskiego Chełm do wschodniej granicy gminy w powiecie chełmskim,
- gminy Horodło, Uchanie i część gminy wiejskiej Hrubieszów położona na północ od linii wyznaczonej przez drogę nr 74 w powiecie hrubieszowskim,
- gminy Firlej, Kock, Kamionka, Michów, Lubartów z miastem Lubartów, Serniki, Ostrów Lubelski w powiecie lubartowskim.

PART II

1. The Czech Republic

The following areas in the Czech Republic:

— katastrální území obcí v okrese Zlín:

- Bohuslavice u Zlína,
- Bratřejov u Vizovic,
- Březnice u Zlína,
- Březová u Zlína,
- Březůvky,
- Dešná u Zlína,
- Dolní Ves,
- Doubravy,
- Držková,
- Fryšták,
- Horní Lhota u Luhačovic,
- Horní Ves u Fryštáku,
- Hostišová,
- Hrobice na Moravě,
- Hvozdná,
- Chrástěšov,
- Jaroslavice u Zlína,
- Jasenná na Moravě,
- Karlovice u Zlína,
- Kašava,
- Klečůvka,
- Kostelec u Zlína,
- Kudlov,
- Kvítkovice u Otrokovic,
- Lhota u Zlína,
- Lhotka u Zlína,
- Lhotsko,
- Lípa nad Dřevnicí,
- Loučka I,
- Loučka II,
- Louky nad Dřevnicí,
- Lukov u Zlína,
- Lukoveček,
- Lutonina,
- Lužkovice,
- Malenovice u Zlína,
- Mladcová,
- Neubuz,

- Oldřichovice u Napajedel,
- Ostrata,
- Podhradí u Luhačovic,
- Podkopná Lhota,
- Provodov na Moravě,
- Prštné,
- Příluky u Zlína,
- Racková,
- Raková,
- Salaš u Zlína,
- Sehradice,
- Slopné,
- Slušovice,
- Štípa,
- Tečovice,
- Trnava u Zlína,
- Ublo,
- Újezd u Valašských Klobouk,
- Velíková,
- Veselá u Zlína,
- Vítová,
- Vizovice,
- Vlčková,
- Všemina,
- Vysoké Pole,
- Zádveřice,
- Zlín,
- Želechovice nad Dřevnicí.

2. Estonia

The following areas in Estonia:

- Haapsalu linn,
- Hanila vald,
- Harju maakond,
- Ida-Viru maakond,
- Jõgeva maakond,
- Järva maakond,
- Kihelkonna vald,
- Kullamaa vald,
- Kuressaare linn,
- Lääne-Viru maakond,
- Lääne-Saare vald,
- osa Leisi vallast, mis asub lääne pool Kuressaare-Leisi maantee (maantee nr 79),
- Lihula vald,

- Martna vald,
- Muhu vald,
- Mustjala vald,
- Osa Noarootsi vallast, mis asub põhja pool maanteest nr 230,
- Nõva vald,
- Pihtla vald,
- Pärnu maakond (välja arvatud Audru ja Tõstamaa vald),
- Põlva maakond,
- Rapla maakond,
- Osa Ridala vallast, mis asub edela pool maanteest nr 31,
- Ruhnu vald,
- Salme vald,
- Tartu maakond,
- Torgu vald,
- Valga maakond,
- Viljandi maakond,
- Vormsi vald,
- Võru maakond.

3. Latvia

The following areas in Latvia:

- Ādažu novads,
- Aglonas novada Kastuļinas, Grāveru un Šķeltovas pagasts,
- Aizkraukles novads,
- Aknīstes novads,
- Alojas novads,
- Alūksnes novads,
- Amatas novads,
- Apes novads,
- Auces novada Bēnes, Lielaucē, Īles, Vecauces un Ukru pagasts, Auces pilsēta,
- Babītes novads,
- Baldones novads,
- Baltinavas novads,
- Balvu novads,
- Bauskas novads,
- Beverīnas novads,
- Brocēnu novads,
- Burtnieku novads,
- Carnikavas novads,
- Cēsu novads,
- Cesvaines novads,
- Ciblas novads,
- Dagdas novads,

- Daugavpils novada Vaboles, Līksnas, Sventes, Medumu, Dēmenes, Kalkūnes, Laucesas, Tabores, Maļinovas, Ambeļu, Biķernieku, Naujenes, Vecsalienas, Salienas un Skrudalienas pagasts,
- Dobeles novads,
- Dundagas novads,
- Engures novads,
- Ērgļu novads,
- Garkalnes novads,
- Gulbenes novads,
- Iecavas novads,
- Ikšķiles novads,
- Ilūkstes novads,
- Inčukalna novads,
- Jaunjelgavas novads,
- Jaunpiebalgas novads,
- Jaunpils novads,
- Jēkabpils novads,
- Jelgavas novads,
- Kandavas novads,
- Kārsavas novads,
- Ķeguma novads,
- Ķekavas novads,
- Kocēnu novads,
- Kokneses novads,
- Krāslavas novads,
- Krimuldas novads,
- Krustpils novads,
- Kuldīgas novada Ēdoles, Īvandes, Kurmāles, Padures, Pelču, Rumbas, Rendas, Kabiles, Snēpeles un Vārmes pagasts, Kuldīgas pilsēta,
- Lielvārdes novads,
- Līgatnes novads,
- Limbažu novads,
- Līvānu novads,
- Lubānas novads,
- Ludzas novads,
- Madonas novads,
- Mālpils novads,
- Mārupes novads,
- Mazsalacas novads,
- Mērsraga novads,
- Naukšēnu novads,
- Neretas novada Mazzalves pagasta daļa, kas atrodas uz ziemeļaustrumiem no autoceļa P73 un uz rietumiem no autoceļa 932,

- Ogres novads,
- Olaines novads,
- Ozolnieku novads,
- Pārgaujas novads,
- Pļaviņu novads,
- Preiļu novada Saunas pagasts,
- Priekuļu novada Veselavas pagasts un Priekuļu pagasta daļa, kas atrodas uz dienvidiem no autoceļa P28 un rietumiem no autoceļa P20,
- Raunas novada Drustu pagasts un Raunas pagasta daļa, kas atrodas uz dienvidiem no autoceļa A2,
- republikas pilsēta Daugavpils,
- republikas pilsēta Jelgava,
- republikas pilsēta Jēkabpils,
- republikas pilsēta Jūrmala,
- republikas pilsēta Rēzekne,
- republikas pilsēta Valmiera,
- Rēzeknes novada Audriņu, Bērzgales, Čornajas, Dricānu, Gaigalavas, Griškānu, Ilzeskalna, Kantinieku, Kaunatas, Lendžu, Lūznavas, Maltas, Mākoņkalna, Nagļu, Ozolaines, Ozolmuižas, Rikavas, Nautrēnu, Sakstagala, Sīmalas, Stoļerovas, Stružānu un Vērēnu pagasts un Feimaņu pagasta daļa, kas atrodas uz ziemeļiem no autoceļa V577 un Pušas pagasta daļa, kas atrodas uz ziemeļaustrumiem no autoceļa V577 un V597,
- Riebiņu novada Sīlukalna, Stabulnieku, Galēnu un Silajāņu pagasts,
- Rojas novads,
- Ropažu novads,
- Rugāju novads,
- Rundāles novads,
- Rūjienas novads,
- Salacgrīvas novads,
- Salas novads,
- Salaspils novads,
- Saldus novada Jaunlutriņu, Lutriņu, Šķēdes, Novadnieku, Saldus un Zirņu pagasts un Saldus pilsēta,
- Saulkrastu novads,
- Sējas novads,
- Siguldas novads,
- Skrīveru novads,
- Skrundas novada Raņķu pagasts un Skrundas pagasta daļa, kas atrodas uz Ziemeļiem no autoceļa A9
- Smiltenes novads,
- Stopiņu novada daļa, kas atrodas uz austrumiem no autoceļa V36, P4 un P5, Acones ielas, Dauguļupes ielas un Dauguļupītes,
- Strenču novads,
- Talsu novads,
- Tērvetes novads,
- Tukuma novads,
- Valkas novads,
- Varakļānu novads,
- Vecpiebalgas novads,

- Vecumnieku novads,
- Ventspils novada Ances, Tārgales, Popes, Vārves, Užavas, Piltenes, Puzes, Ziru, Ugāles, Usmas un Zlēku pagasts, Piltenes pilsēta,
- Viesītes novada Elkšņu un Viesītes pagasts, Viesītes pilsēta,
- Viļakas novads,
- Viļānu novads,
- Zilupes novads.

4. Lithuania

The following areas in Lithuania:

- Akmenės rajono savivaldybė: Akmenės, Naujosios Akmenės kaimiškoji, Kruopių, Naujosios Akmenės miesto ir Ventos seniūnijos,
- Alytaus miesto savivaldybė,
- Alytaus rajono savivaldybė,
- Anykščių rajono savivaldybė: Andrioniškio, Anykščių, Debeikių, Kavarsko seniūnijos dalis į šiaurės rytus nuo kelio Nr. 1205 ir į šiaurę rytus nuo kelio Nr. 1218, Kurklių, Skiemonių, Svėdasų, Troškūnų ir Viešintų seniūnijos,
- Birštono savivaldybė,
- Biržų miesto savivaldybė,
- Biržų rajono savivaldybė: Nemunėlio Radviliškio, Pabiržės, Pačeriaukštės ir Parovėjos seniūnijos,
- Elektrėnų savivaldybė,
- Ignalinos rajono savivaldybė,
- Jonavos rajono savivaldybė,
- Joniškio rajono savivaldybė
- Jurbarko rajono savivaldybė: Girdžių, Jurbarko miesto, Jurbarkų, Juodaičių, Raudonės, Seredžiaus, Veliuonos, Skirsnemunės ir Šimkaičių seniūnijos,
- Kaišiadorių miesto savivaldybė,
- Kaišiadorių rajono savivaldybė,
- Kalvarijos savivaldybė,
- Kauno miesto savivaldybė,
- Kauno rajono savivaldybės: Akademijos, Alšėnų, Batniavos, Domeikavos, Ežerėlio, Garliavos apylinkių, Garliavos, Karmėlavos, Kačerginės, Kulautuvos, Lapių, Linksmakalnio, Neveronių, Raudondvario, Ringaudų, Rokų, Samylų, Taurakiemio, Užliedžių, Vilkijos apylinkių, Vilkijos, Zapyškio seniūnijos,
- Kėdainių rajono savivaldybės savivaldybės: Dotnuvos, Gudžiūnų, Josvainių seniūnijos dalis į šiaurę nuo kelio Nr. 3514 ir Nr. 229, Krakių, Kėdainių miesto, Surviliškio, Truskavos, Vilainių ir Šėtos seniūnijos,
- Kupiškio rajono savivaldybė: Noriūnų, Skapiškio, Subačiaus ir Šimonių seniūnijos,
- Marijampolės savivaldybė,
- Mažeikių rajono savivaldybės: Laižuvos, Mažeikių apylinkės, Mažeikių, Reivyčių ir Viekšnių seniūnijos,
- Molėtų rajono savivaldybė,
- Pakruojo rajono savivaldybė: Klovainių, Rozalimo, Lygumų, Pakruojo, Žeimelio, Linkuvos ir Pašvitinio seniūnijos,
- Panevėžio rajono savivaldybė: Krekenavos seninūnijos dalis į vakarus nuo Nevėžio upės ir į pietus nuo kelio Nr. 3004,
- Pasvalio rajono savivaldybė: Joniškėlio apylinkių, Joniškėlio miesto, Saločių ir Pušaloto seniūnijos,
- Radviliškio rajono savivaldybė,
- Raseinių rajono savivaldybė: Ariogalos, Betygalos, Pajūjū ir Šiluvos seniūnijos ir Kalnųjų ir Girkalnio seniūnijų dalis į pietus nuo kelio Nr. A1,
- Prienų miesto savivaldybė,
- Prienų rajono savivaldybė,

- Rokiškio rajono savivaldybė,
- Širvintų rajono savivaldybė,
- Švenčionių rajono savivaldybė,
- Trakų rajono savivaldybė,
- Utenos rajono savivaldybė,
- Vilniaus miesto savivaldybė,
- Vilniaus rajono savivaldybė,
- Vilkaviškio rajono savivaldybė,
- Visagino savivaldybė,
- Zarasų rajono savivaldybė.

5. Poland

The following areas in Poland:

w województwie warmińsko-mazurskim:

- gminy Kalinowo, Prostki i gmina wiejska Elk w powiecie elckim,
- część gminy Wieliczki położona na południe od linii wyznaczonej przez drogę nr 655 w powiecie oleckim,
- gmina Orzysz, Biała Piska i część gminy Pisz położona na północ od linii wyznaczonej przez drogę nr 58 w powiecie piskim,
- gminy Górowo Iławeckie z miastem Górowo Iławeckie, Bartoszyce z miastem Bartoszyce w powiecie bartoszyckim,
- gminy Braniewo z miastem Braniewo, Lelkowo, Pieniężno, Frombork, Płoskinia i część gminy Wilczęta położona na północ od linii wyznaczonej przez drogę 509 w powiecie braniewskim.

w województwie podlaskim:

- gmina Łomża, Piątnica, Śniadowo oraz część gminy Wizna położona na zachód od linii wyznaczonej przez drogę łączącą miejscowości Jedwabne i Wizna oraz na południe od linii wyznaczonej przez drogę nr 64 (od skrzyżowania w miejscowości Wizna w kierunku wschodnim do granicy gminy), w powiecie łomżyńskim,
- powiat miejski Łomża,
- gminy Grodzisk, Drohiczyn i Dziadkowice w powiecie siemiatyckim,
- gmina Dubicze Cerkiewne, Czyże, Białowieża, Hajnówka z miastem Hajnówka, Narew, Narewka i części gmin Kleszczewo i Czeremcha położone na wschód od drogi nr 66 w powiecie hajnowskim,
- gmina Kobylin-Borzemy i Sokoły w powiecie wysokomazowieckim,
- część gminy Zambrów położona na północ od linii wyznaczonej przez drogę nr 8 w powiecie zambrowskim,
- gminy Grabowo i Stawiski w powiecie kolneńskim,
- gminy Czarna Białostocka, Dobrzyniewo Duże, Gródek, Łapy, Michałowo, Supraśl, Turośń Kościelna, Tykocin, Wasilków, Zabłudów, Zawady i Choroszcz w powiecie białostockim,
- część gminy Bielsk Podlaski położona na wschód od linii wyznaczonej przez drogę nr 19 (w kierunku północnym od miasta Bielsk Podlaski) i przedłużonej przez wschodnią granicę miasta Bielsk Podlaski i drogę nr 66 (w kierunku południowym od miasta Bielsk Podlaski), gminy Orla i Boćki w powiecie bielskim,
- powiat sejneński,
- gminy Jeleniewo, Rutka-Tartak, Szypliszki część gminy Raczki położona na południe od linii wyznaczonej przez drogę 655 i część gminy Suwałki położona na wschód od linii wyznaczonej przez drogę nr 655 w powiecie suwalskim,
- powiat miejski Suwałki,
- gminy Augustów z miastem Augustów, Bargłów Kościelny, Nowinka, Płaska i Sztabin w powiecie augustowskim,
- powiat sokółski,
- powiat miejski Białystok.

w województwie mazowieckim:

- gmina Przesmyki, Domanice, Skórzec, Siedlce, Suchożebry, Mokobody, Mordy, Wiśniew, Wodynie i Zbuczyn w powiecie siedleckim,
- gmina Repki, Jabłonna Lacka, część gminy Bielany położona na wschód od linii wyznaczonej przez drogę nr 63 i część gminy wiejskiej Sokołów Podlaski położona na wschód od linii wyznaczonej przez drogę nr 63 w powiecie sokołowskim,
- gminy Łosice i Olszanka w powiecie łosickim,
- gmina Brochów w powiecie sochaczewskim,
- powiat nowodworski,
- gmina Joniec i część gminy Nowe Miasto położona na południe od linii wyznaczonej przez drogę nr 620 w powiecie płońskim,
- gmina Pokrzywnica w powiecie pułuskim,
- gminy Dąbrówka, Kobyłka, Marki, Radzymin, Wołomin, Zielonka i Ząbki w powiecie wołomińskim,
- część gminy Somianka położona na południe od linii wyznaczonej przez drogę nr 62 w powiecie wyszkowskim,
- gminy Latowicz i Sulejówek w powiecie mińskim,
- gmina Borowie w powiecie garwolińskim,
- powiat warszawski zachodni,
- powiat legionowski,
- powiat otwocki,
- gminy Konstancin – Jeziorna, Lesznowola, Piaseczno, Prażmów i Góra Kalwaria w powiecie piaseczyńskim,
- gmina Raszyn w powiecie pruszkowskim,
- gmina Chynów w powiecie grójeckim,
- powiat miejski Siedlce,
- powiat miejski Warszawa.

w województwie lubelskim:

- gminy Wohyń, Ulan-Majorat, Czemierniki i miasto Radzyń Podlaski w powiecie radzyńskim,
- gmina wiejska Łuków z miastem Łuków, Stanin, Stoczek Łukowski z miastem Stoczek Łukowski i Trzebieszów w powiecie łukowskim,
- gminy Stary Brus i Urszulin w powiecie włodawskim,
- gminy Rossosz, Wisznice, Sławatycze, Sosnówka, Tucznia i Łomazy w powiecie białskim,
- gminy Dębowa Kłoda, Milanów, Parczew, Sosnowica i Siemień w powiecie parczewskim,
- gminy Niedźwiada i Ostrówek i Uścimów w powiecie lubartowskim,
- część gminy Cyców położona na północ od linii wyznaczonej przez drogę nr 841 w powiecie łączyńskim,
- gminy Dorohusk, Dubienka, Kamień, Ruda Huta, Sawin, Wierzbica, Żmudź i część gminy wiejskiej Chełm położona na północ od linii wyznaczonej przez drogę nr 812 biegnącą od zachodniej granicy tej gminy do granicy powiatu miejskiego Chełm, a następnie północną granicę powiatu miejskiego Chełm do wschodniej granicy gminy w powiecie chełmskim.
- powiat miejski Chełm.

PART III

1. Estonia

The following areas in Estonia:

- Audru vald,
- Lääne-Nigula vald,
- Laimjala vald,

- osa Leisi vallast, mis asub ida pool Kuressaare-Leisi maantee (maantee nr 79),
- Osa Noarootsi vallast, mis asub lõuna pool maantee nr 230,
- Orissaare vald,
- Põide vald,
- Osa Ridala vallast, mis asub kirde pool maantee nr 31,
- Tõstamaa vald,
- Valjala vald.

2. Latvia

The following areas in Latvia:

- Aglonas novada Aglonas pagasts,
- Auces novada Vītiņu pagasts,
- Daugavpils novada Nīcgales, Kalupes, Dubnas un Višķu pagasts,
- Neretas novada Neretas, Pilskalnes, Zalves pagasts un Mazzalves pagasta daļa, kas atrodas uz dienvidrietumiem no autoceļa P73 un uz austrumiem no autoceļa 932,
- Priekuļu novada Liepas un Mārsnēnu pagasts un Priekuļu pagasta daļa, kas atrodas uz ziemeļiem no autoceļa P28 un austrumiem no autoceļa P20,
- Preiļu novada Preiļu, Aizkalnes un Pelēču pagasts un Preiļu pilsēta,
- Raunas novada Raunas pagasta daļa, kas atrodas uz ziemeļiem no autoceļa A2,
- Rēzeknes novada Feimaņu pagasta daļa, kas atrodas uz dienvidiem no autoceļa V577 un Pušas pagasta daļa, kas atrodas uz dienvidrietumiem no autoceļa V577 un V597,
- Riebiņu novada Riebiņu un Rušonas pagasts,
- Saldus novada Jaunauces, Rubas, Vadakstes un Zvārdes pagasts,
- Vārkavas novads,
- Viesītes novada Rites un Saukas pagasts.

3. Lithuania

The following areas in Lithuania:

- Anykščių rajono savivaldybė: Kavarsko seniūnijos dalis į vakarus nuo kelio Nr. 1205 ir į pietus nuo kelio Nr. 1218 ir Traupio seniūnija,
- Biržų rajono savivaldybė: Vabalninko, Papilio ir Širvenos seniūnijos,
- Druskininkų savivaldybė,
- Kauno rajono savivaldybė: Babtų, Čekiškės ir Vandžiogalos seniūnijos,
- Kėdainių rajono savivaldybė: Pelėdnagių, Pernaravos seniūnijos ir Josvainių seniūnijos dalis į pietus nuo kelio Nr 3514 ir Nr 229,
- Kupiškio rajono savivaldybė: Alizavos ir Kupiškio seniūnijos,
- Lazdijų rajono savivaldybė,
- Pakruojo rajono savivaldybė: Guostagalio seniūnija,
- Panevėžio miesto savivaldybė,
- Panevėžio rajono savivaldybė: Karsakiškio, Miežiškių, Naujamiesčio, Pajstrio, Panevėžio Raguvos, Ramygalos, Smilgių, Upytės, Vadoklių, Velžio seniūnijos ir Krekenavos seniūnijos dalis į rytus nuo Nevėžio upės ir į šiaurę nuo kelio Nr. 3004,
- Pasvalio rajono savivaldybė: Daujėnų, Krinčino, Namišių, Pasvalio apylinkių, Pasvalio miesto, Pumpėnų ir Vaškų seniūnijos,
- Šalčininkų rajono savivaldybė,
- Ukmergės rajono savivaldybė,
- Varėnos rajono savivaldybė.

4. Poland

The following areas in Poland:

w województwie podlaskim:

- powiat grajewski,
- powiat moniecki,
- gminy Jedwabne i Przytuły oraz część gminy Wizna, położona na wschód od linii wyznaczonej przez drogę łączącą miejscowości Jedwabne i Wizna oraz na północ od linii wyznaczonej przez drogę 64 (od skrzyżowania w miejscowości Wizna w kierunku wschodnim do granicy gminy) w powiecie łomżyńskim,
- gmina Lipsk w powiecie augustowskim,
- części gminy Czeremcha i Kleszczele położone na zachód od drogi nr 66 w powiecie hajnowskim,
- gminy, Mielnik, Milejczyce, Nurzec-Stacja, Siemiatycze z miastem Siemiatycze w powiecie siemiatyckim.

w województwie mazowieckim:

- gminy Platerów, Sarnaki, Stara Kornica i Huszlew w powiecie łosickim,
- gminy Korczew i Paprotnia w powiecie siedleckim.

w województwie lubelskim:

- gminy Kodeń, Konstantynów, Janów Podlaski, Leśna Podlaska, Piszczac, Rokitno, Biała Podlaska, Zalesie i Terespol z miastem Terespol, Drelów, Międzyrzec Podlaski z miastem Międzyrzec Podlaski w powiecie bialskim,
- powiat miejski Biała Podlaska,
- gminy Radzyń Podlaski, Komarówka Podlaska i Kąkolewnica w powiecie radzyńskim,
- gminy Hanna, Hańsk, Wola Uhruska, Wiryki i gmina wiejska Włodawa w powiecie włodawskim,
- gminy Jabłoń i Podedwórze w powiecie parczewskim.

PART IV

Italy

The following areas in Italy:

- tutto il territorio della Sardegna.'

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