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Contents

II *Non-legislative acts*

REGULATIONS

- ★ **Commission Delegated Regulation (EU) 2022/2279 of 1 August 2022 supplementing Regulation (EU) 2019/1700 of the European Parliament and of the Council by specifying the number and titles of the variables for the use of information and communication technologies statistics domain for the reference year 2023 ⁽¹⁾** 1
- ★ **Commission Implementing Regulation (EU) 2022/2280 of 15 November 2022 entering a name in the register of protected designations of origin and protected geographical indications ('Salacgrīvas nēgi' (PGI))** 20
- ★ **Commission Implementing Regulation (EU) 2022/2281 of 15 November 2022 entering a name in the register of protected designations of origin and protected geographical indications ('Lumblija' (PGI))** 21
- ★ **Commission Implementing Regulation (EU) 2022/2282 of 21 November 2022 laying down technical information for the calculation of technical provisions and basic own funds for reporting with reference dates from 30 September 2022 until 30 December 2022 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 ⁽¹⁾** 22

DECISIONS

- ★ **Council Implementing Decision (EU) 2022/2283 of 21 November 2022 amending Implementing Decision (EU) 2020/1351 granting temporary support under Regulation (EU) 2020/672 to the Republic of Latvia to mitigate unemployment risks in the emergency following the COVID-19 outbreak** 119

⁽¹⁾ Text with EEA relevance.

EN

Acts whose titles are printed in light type are those relating to day-to-day management of agricultural matters, and are generally valid for a limited period.

The titles of all other acts are printed in bold type and preceded by an asterisk.

★ Commission Implementing Decision (EU) 2022/2284 of 14 November 2022 amending the Annex to Implementing Decision (EU) 2021/641 concerning emergency measures in relation to outbreaks of highly pathogenic avian influenza in certain Member States <i>(notified under document C(2022) 8308) ⁽¹⁾</i>	125
★ Decision (EU) 2022/2285 of the European Central Bank of 8 November 2022 amending Decision (EU) 2021/2255 on the approval of the volume of coin issuance in 2022 (ECB/2021/54) (ECB/2022/41)	212

ACTS ADOPTED BY BODIES CREATED BY INTERNATIONAL AGREEMENTS

★ Decision No 1/2022 of the EU-Ukraine Association Committee in Trade Configuration of 25 October 2022 as regards the update of Annex XV (Approximation of customs legislation) to the Association Agreement between the European Union and the European Atomic Energy Community and their Member States, of the one part, and Ukraine, of the other part [2022/2286]	214
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⁽¹⁾ Text with EEA relevance.

II

(Non-legislative acts)

REGULATIONS

COMMISSION DELEGATED REGULATION (EU) 2022/2279

of 1 August 2022

supplementing Regulation (EU) 2019/1700 of the European Parliament and of the Council by specifying the number and titles of the variables for the use of information and communication technologies statistics domain for the reference year 2023

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) 2019/1700 of the European Parliament and of the Council of 10 October 2019 establishing a common framework for European statistics relating to persons and households, based on data at individual level collected from samples, amending Regulations (EC) No 808/2004, (EC) No 452/2008 and (EC) No 1338/2008 of the European Parliament and of the Council, and repealing Regulation (EC) No 1177/2003 of the European Parliament and of the Council and Council Regulation (EC) No 577/98 ⁽¹⁾, and in particular Article 6(1) thereof,

Whereas:

In order to cover the needs in statistics for the relevant detailed topics set out in Annex I to Regulation (EU) 2019/1700, the Commission should specify the number and titles of the variables for the dataset in the use of information and communication technologies domain for reference year 2023,

HAS ADOPTED THIS REGULATION:

Article 1

The number and titles of the variables for the use of information and communication technologies domain for reference year 2023 shall be as set out in the Annex.

Article 2

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

⁽¹⁾ OJ L 261 I, 14.10.2019, p. 1.

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

Done at Brussels, 1 August 2022.

For the Commission
The President
Ursula VON DER LEYEN

Number and titles of the variables for the use of information and communication technologies domain for reference year 2023

Topic	Detailed topic	Variable identifier	Variable title/variable description
<i>01. Technical Items – 15 mandatory technical variables, – 2 optional technical variables</i>	Data collection information	REFYEAR	Year of survey
	Data collection information	INTDATE	Reference date – first interview date
	Data collection information	STRATUM_ID	Stratum
	Data collection information	PSU	Primary sampling unit
	Identification	HH_ID	Household ID
	Identification	IND_ID	Individual ID
	Identification	HH_REF_ID	ID of the household the individual belongs to
	Weights	HH_WGHT	Household weight
	Weights	IND_WGHT	Individual weight
	Interview characteristics	TIME	Interview duration
	Interview characteristics	INT_TYPE	Interview type
	Localisation	COUNTRY	Country of residence
	Localisation	GEO_NUTS1	Region of residence
	Localisation	GEO_NUTS2 (optional)	Region of residence (optional)
	Localisation	GEO_NUTS3 (optional)	Region of residence (optional)
	Localisation	DEG_URBA	Degree of urbanisation
	Localisation	GEO_DEV	Geographical location
<i>02. Person and household characteristics – 7 collected variables, – 1 derived variable, 7 optional variables</i>	Demography	SEX	Sex
	Demography	YEARBIR	Year of birth
	Demography	PASSBIR	Passing of birthday
	Demography	AGE	Age in completed years
	Citizenship and migrant background	CITIZENSHIP	Country of main citizenship

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Citizenship and migrant background	CNTRYB	Country of birth
	Household composition	HH_POP	Household size (number of members in the household)
	Household composition	HH_POP_16_24 (optional)	Number of members of the household aged from 16 to 24 (optional)
	Household composition	HH_POP_16_24S (optional)	Number of students of the household aged 16 to 24 (optional)
	Household composition	HH_POP_25_64 (optional)	Number of members of the household aged from 25 to 64 (optional)
	Household composition	HH_POP_65_MAX (optional)	Number of members of the household aged more than or equal to 65 (optional)
	Household composition	HH_CHILD	Number of children under 16
	Household composition	HH_CHILD_14_15 (optional)	Number of children aged from 14 to 15 (optional)
	Household composition	HH_CHILD_5_13 (optional)	Number of children aged from 5 to 13 (optional)
	Household composition	HH_CHILD_LE_4 (optional)	Number of children aged less than or equal to 4 (optional)
03.Labour market participation – 5 collected variables, 3 optional variables	Main activity status (self-defined)	MAINSTAT	Main activity status (self-defined)
	Elementary job characteristics	STAPRO	Status in employment in main job
	Elementary job characteristics	NACE1D (optional)	Economic activity of the local unit for main job (optional)
	Elementary job characteristics	ISCO2D	Occupation in main job
	Elementary job characteristics	OCC_ICT	ICT professional or non-ICT professional
	Elementary job characteristics	OCC_MAN	Manual or non-manual worker
	Elementary job characteristics	EMPST_WKT (optional)	Full- or part-time main job (self-defined) (optional)
	Duration of contract	EMPST_CONTR (optional)	Permanency of main job (optional)

Topic	Detailed topic	Variable identifier	Variable title/variable description
<i>04.Educational attainment and background – 1 collected variable, 1 derived variable</i>	Educational attainment level	ISCEDD	Educational attainment level (highest level of education successfully completed)
	Educational attainment level	ISCED	Educational attainment level aggregated
<i>05. Income, consumption and elements of wealth, including debts – 1 collected variable</i>	Total monthly household income	HH_IQ5	Total average net current monthly income
<i>06. Information society participation – 125 collected variables, – 12 optional variables, – 1 derived</i>	Access to ICT	IACC	Access of the household to the internet at home (by any device)
	Use and frequency of use of ICT	IU	Most recent internet use, at any location, with any enabling device
	Use and frequency of use of ICT	IFUS	Average frequency of internet use in the last 3 months
	Use and frequency of use of ICT	IUG_DKPC	Internet use in the last 3 months on a desktop computer
	Use and frequency of use of ICT	IUG_LPC	Internet use in the last 3 months on a laptop
	Use and frequency of use of ICT	IUG_TPC	Internet use in the last 3 months on a tablet
	Use and frequency of use of ICT	IUG_MP	Internet use in the last 3 months on a mobile phone or smart phone
	Use and frequency of use of ICT	IUG_OTH1	Internet use in the last 3 months on other devices (such as smart TV, smart speakers, game console, e-book reader, smart watch)
	Internet activities	IUEM	Internet use in the last 3 months for private purpose for sending/receiving e-mails
	Internet activities	IUPH1	Internet use in the last 3 months for private purpose for making calls (including video calls) over the internet
	Internet activities	IUSNET	Internet use in the last 3 months for private purpose for participating in social networks (creating user profile, posting messages or other contributions)
	Internet activities	IUCHAT1	Internet use in the last 3 months for private purpose for instant messaging (exchanging messages)
	Internet activities	IUNW1	Internet use in the last 3 months for private purpose for reading online news sites, newspapers or news magazines

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Internet activities	IHIF	Internet use in the last 3 months for private purpose for seeking health-related information (such as about injuries, diseases, nutrition, improving health)
	Internet activities	IUIF	Internet use in the last 3 months for private purpose for finding information about goods or services
	Internet activities	IUPOL2	Internet use in the last 3 months for private purpose for expressing opinions on civic or political issues on websites or in social media
	Internet activities	IUVOTE	Internet use in the last 3 months for private purpose for taking part in online consultations or voting to define civic or political issues (such as urban planning, signing a petition)
	Internet activities	IUJOB	Internet use in the last 3 months for private purpose for looking for a job or sending a job application
	Internet activities	IUSELL	Internet use in the last 3 months for private purpose for selling goods or services via a website or app
	Internet activities	IUBK	Internet use in the last 3 months for private purpose for internet banking (including mobile banking)
	Internet activities	IUOLC	Internet use in the last 3 months for conducting learning activities for educational, professional or private purposes, by doing an online course
	Internet activities	IUOLM	Internet use in the last 3 months for conducting learning activities for educational, professional or private purposes, by using online learning material other than a complete online course (such as video tutorials, webinars, electronic textbooks, learning apps or platforms)
	Internet activities	IUOCIS1	Internet use in the last 3 months for conducting learning activities for educational, professional or private purposes, by communicating with educators or learners using audio or video online tools
	Interaction with public authorities	IGOVIP	Activities via a website or app of public authorities or public services for private purpose in the last 12 months consisting in accessing by the respondent information about himself/herself stored by public authorities or public services

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Interaction with public authorities	IGOVIDB	Activities via a website or app of public authorities or public services for private purpose in the last 12 months consisting in accessing by the respondent information from public databases or registers (such as information about availability of books in public libraries, cadastral registers, enterprise registers)
	Interaction with public authorities	IGOV12IF	Activities via a website or app of public authorities or public services for private purpose in the last 12 months consisting in obtaining by the respondent information (e.g. about services, benefits, entitlements, laws, opening hours)
	Interaction with public authorities	IGOVIX	Respondent has not accessed any personal records or databases nor obtained any information via a website or app of public authorities or public services for private purpose in the last 12 months
	Interaction with public authorities	IGOV12FM	Downloading/printing official forms by the respondent from a website or app of public authorities or public services for private purpose in the last 12 months
	Interaction with public authorities	IGOVAPR	Making an appointment or reservation by the respondent via a website or app with public authorities or public services (such as reservation of a book in a public library, appointment with a government servant or a state healthcare provider) for private purpose in the last 12 months
	Interaction with public authorities	IGOVPOST (Optional)	Receiving by the respondent any official communication or documents sent by public authorities via the respondent's account on a website or app (name of the service, if applicable in the country) of public authorities or services (such as notifications of fines or invoices, letters, service of court summons, court documents, [national examples]) for private purpose in the last 12 months? Usage of email or SMS based information messages or notifications that a document is available should be excluded. (optional)
	Interaction with public authorities	IGOV12TAX1	Submitting the respondent's own tax declaration via a website or app for private purpose in the last 12 months
	Interaction with public authorities	IGOV12DC	Activities via a website or app of public authorities or public services for private purpose in the last 12 months consisting in requesting by the respondent official documents or certificates (such as graduation, birth, marriage, divorce, death, residence certificates, police or criminal records, [national examples])

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Interaction with public authorities	IGOVBE	Activities via a website or app of public authorities or public services for private purpose in the last 12 months consisting in requesting by the respondent benefits or entitlements (such as pension, unemployment, child allowance, enrolment in schools, universities, [national examples])
	Interaction with public authorities	IGOVRC	Activities via a website or app of public authorities or public services for private purpose in the last 12 months consisting in making by the respondent other requests, claims or complaints (such as reporting theft to the police, launching a legal complaint, requesting legal aid, initiating a civil claim procedure in front of a court, [national examples])
	Interaction with public authorities	IRGOVNN	Reasons for not requesting any official documents or not making any claims via a website or app of public authorities or public services in the last 12 months – respondent did not have to request any documents or to make any claims
	Interaction with public authorities	IRGOVLS	Reasons for not requesting any official documents or not making any claims via a website or app of public authorities or public services in the last 12 months – lack of skills or knowledge (e.g. respondent did not know how to use the website or app or it was too complicated to use)
	Interaction with public authorities	IRGOVSEC	Reasons for not requesting any official documents or not making any claims via a website or app of public authorities or public services in the last 12 months – concerns about the security of personal data or unwillingness to pay online (credit card fraud)
	Interaction with public authorities	IRGOVEID (Optional)	Reasons for not requesting any official documents or not making any claims via a website or app of public authorities or public services in the last 12 months – lack of electronic signature, activated electronic identification (eID) or any other tool to use the eID (required for using the services) [national examples] (optional)
	Interaction with public authorities	IRGOVOP	Reasons for not requesting any official documents or not making any claims via a website or app of public authorities or public services in the last 12 months – another person did it on the respondent's behalf (such as consultant, adviser, relative)
	Interaction with public authorities	IRGOVOTH	Reasons for not requesting any official documents or not making any claims via a website or app of public authorities or public services in the last 12 months – other reason

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Interaction with public authorities	IEID	Respondent's use of his/her electronic identification (eID)(s) [national list of all country-specific eIDs, which are officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation ⁽¹⁾] to access online services for private purpose in the last 12 months
	Interaction with public authorities	IEIDOC	Type of services for which the respondent has used eID(s) [national list of all country-specific eIDs, which are officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation] in the last 12 months – services provided by public authorities or public services of respondent's country of residence (such as submitting respondent's tax declaration, applying for social benefits, requesting official certificates, accessing respondent's health records, [national examples])
	Interaction with public authorities	IEIDEC	Type of services for which the respondent has used eID(s) [national list of all country-specific eIDs, which are officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation] in the last 12 months – services provided by public authorities or public services of other European countries (e.g. submitting respondent's tax declaration, requesting official documents or certificates, [national examples]) (if applicable in the country)
	Interaction with public authorities	IEIDBS	Type of services for which the respondent has used eID(s) [national list of all country-specific eIDs, which are officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation] in the last 12 months – services provided by business sector (such as accessing banking services, login to transport services, identification via eID e.g. on a digital marketplace, [national examples]) (if applicable in the country)

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Interaction with public authorities	IREIDNA	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – respondent was not aware of the existence of eID
	Interaction with public authorities	IREIDNO	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – Respondent doesn't have an eID
	Interaction with public authorities	IREIDNN	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – respondent did not need to access any online services requiring eID
	Interaction with public authorities	IREIDSEC	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – respondent feels unsafe using it (concerns about ICT security, personal data protection)
	Interaction with public authorities	IREIDTEC	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – usability/technical issues (e.g. too difficult or not user-friendly, lack of appropriate card reader, software incompatibility, it was not accepted for the services the respondent needed to access)
	Interaction with public authorities	IREIDDEV	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – respondent could not use the eID to access the service via a smartphone or tablet
	Interaction with public authorities	IREIDOTH	Reasons for not using any eID(s) officially recognized by public authorities or public services and which are of high or substantial level of assurance under the eIDAS Regulation in the last 12 months – other reasons
	e-Commerce	IBUY	Last purchase or order of goods or services over the internet for private use

Topic	Detailed topic	Variable identifier	Variable title/variable description
	e-Commerce	BCLOT1	Internet use for buying clothes (including sport clothing), shoes or accessories (such as bags, jewellery) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BSPG	Internet use for buying sports goods (excluding sport clothing) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BCG	Internet use for buying children toys or childcare items (such as nappies, bottles, baby strollers) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BFURN1	Internet use for buying furniture, home accessories (such as carpets or curtains) or gardening products (such as tools, plants) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BMUFL	Internet use for buying music as CDs, vinyls etc. and/or films or series as DVDs, Blu-ray etc. from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BBOOKNLG	Internet use for buying printed books, magazines or newspapers from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BHARD1	Internet use for buying computers, tablets, mobile phones or accessories from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BEEQU1	Internet use for buying consumer electronics (such as TV-sets, stereos, cameras, sound bars or smart speakers, virtual assistants) or household appliances (such as washing machines) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BMED1	Internet use for buying medicine or dietary supplements such as vitamins (excluding online renewal of prescriptions) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months

Topic	Detailed topic	Variable identifier	Variable title/variable description
	e-Commerce	BFDR	Internet use for buying deliveries from restaurants, fast-food chains, catering services from enterprises or private persons via a website or app for private use in the last 3 months
	e-Commerce	BFDS	Internet use for buying food or beverages from stores or from meal-kits providers from enterprises or private persons via a website or app for private use in the last 3 months
	e-Commerce	BCBW	Internet use for buying cosmetics, beauty or wellness products from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BCPH	Internet use for buying cleaning products or personal hygiene products (such as toothbrushes, handkerchiefs, washing detergents, cleaning cloths) from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BBMC	Internet use for buying bicycles, mopeds, cars, or other vehicles or their spare parts from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BOPG	Internet use for buying other physical goods from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BPG_ANY	Internet use for buying any of the listed physical goods from enterprises or private persons (including used goods) via a website or app for private use in the last 3 months
	e-Commerce	BPG_DOM	Internet use for buying goods via a website or app in the last 3 months from national sellers (from enterprises or private persons)
	e-Commerce	BPG_EU	Internet use for buying goods via a website or app in the last 3 months from sellers from other EU countries (from enterprises or private persons)
	e-Commerce	BPG_WRLD	Internet use for buying goods via a website or app in the last 3 months from sellers from the rest of the world (from enterprises or private persons)
	e-Commerce	BPG_UNK	Internet use for buying goods via a website or app in the last 3 months from sellers which country of origin is not known (from enterprises or private persons)

Topic	Detailed topic	Variable identifier	Variable title/variable description
	e-Commerce	BPG_PP	Goods bought from private persons via a website or app
	e-Commerce	BMUSS	Internet use for buying or subscribing to music as a streaming service or downloads via a website or app for private use in the last 3 months
	e-Commerce	BFLMS	Internet use for buying or subscribing to films or series as a streaming service or downloads via a website or app for private use in the last 3 months
	e-Commerce	BBOOKNLS	Internet use for buying or subscribing to e-books, online-magazines or online-newspapers via a website or app for private use in the last 3 months
	e-Commerce	BGAMES	Internet use for buying or subscribing to games online or as downloads for smartphones, tablets, computers or consoles via a website or app for private use in the last 3 months
	e-Commerce	BSOFTS	Internet use for buying or subscribing to computer software or other software as downloads including upgrades via a website or app for private use in the last 3 months
	e-Commerce	BHLFTS	Internet use for buying or subscribing to apps related to health or fitness (excluding free apps) via a website or app for private use in the last 3 months
	e-Commerce	BAPP	Internet use for buying or subscribing to other apps (such as apps related to learning languages, travelling, weather) (excluding free apps) via a website or app for private use in the last 3 months
	e-Commerce	BSTICK	Internet use for buying tickets to sports events via a website or app for private use in the last 3 months
	e-Commerce	BCTICK	Internet use for buying tickets to cultural or other events (such as tickets to cinema, concerts, fairs) via a website or app for private use in the last 3 months
	e-Commerce	BSIMC	Internet use for buying subscriptions to the internet or mobile phone connections via a website or app for private use in the last 3 months
	e-Commerce	BSUTIL	Internet use for buying subscriptions to electricity, water or heating supply, waste disposal or similar services via a website or app for private use in the last 3 months

Topic	Detailed topic	Variable identifier	Variable title/variable description
	e-Commerce	BHHS	Internet use for buying household services (such as cleaning, babysitting, repair work, gardening) (also when bought from private persons) via a website or app for private use in the last 3 months
	e-Commerce	BTPS_E	Internet use for buying transport services from a transport enterprise, such as local bus, flight or train ticket or taxi ride via a website or app for private use in the last 3 months
	e-Commerce	BTPS_PP	Internet use for buying transport services from a private person via a website or app for private use in the last 3 months
	e-Commerce	BRA_E	Internet use for renting accommodation from enterprises such as hotels or travel agencies via a website or app for private use in the last 3 months
	e-Commerce	BRA_PP	Internet use for renting accommodation from a private person via a website or app for private use in the last 3 months
	e-Commerce	BOTS (optional)	Internet use for buying any other services (excluding financial and insurance services) via a website or app for private use in the last 3 months (optional)
	e-Commerce	BF	Number of times goods or services were bought over the internet via a website or app for private use in the last 3 months
	Barriers and problems to use	BTFW1	Problems encountered with internet commerce: website difficult to use or it worked unsatisfactorily (for example it was too complicated, confusing, poorly functioning technically) when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BDGL1	Problems encountered with internet commerce: difficulties encountered in finding information on guarantees or other legal rights when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BSPD1	Problems encountered with internet commerce: slower speed of delivery than that indicated encountered when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BCPR1	Problems encountered with internet commerce: final costs higher than indicated (such as unexpected transaction fees or unjustified guarantee fees) experienced when buying online via a website or app for private use in the last 3 months

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Barriers and problems to use	BWDN1	Problems encountered with internet commerce: wrong or damaged goods or services delivered when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BFRA1	Problems encountered with internet commerce: problems with fraud encountered (such as no goods or services received at all, misuse of credit card details) when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BCR1	Problems encountered with internet commerce: complaints and redress were difficult or no satisfactory response after complaint was received when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BDNS1	Problems encountered with internet commerce: foreign retailer did not sell to the respondent's own country when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BOTH2	Problems encountered with internet commerce: other problems encountered when buying online via a website or app for private use in the last 3 months
	Barriers and problems to use	BARR2X	No problems encountered when buying online via a website or app for private use in the last 3 months
	e-Commerce	BFIN_IN1	Internet use for buying insurance policies, including travel insurance, also as a package together with for example a plane ticket, via a website or app for private purposes in the last 3 months
	e-Commerce	BFIN_CR1	Internet use for taking a loan or mortgage or arranging credit from banks or other financial providers via a website or app for private purposes in the last 3 months
	e-Commerce	BFIN_SH1	Internet use for buying or selling shares, bonds, units in funds or other financial assets via a website or app for private purposes in the last 3 months
	Digital skills	CXFER1	Activities carried out in the last 3 months for educational, professional or private purposes involving copying or moving files (such as documents, data, images, video) between folders, devices (e.g. via email, instant messaging, USB, cable) or on the cloud
	Digital skills	CINSAPP1	Activities carried out in the last 3 months for educational, professional or private purposes involving downloading or installing software or apps

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Digital skills	CCONF1	Activities carried out in the last 3 months for educational, professional or private purposes involving changing settings of software, app or device (such as adjusting language, colours, contrast, text size, toolbars/menu)
	Digital skills	CWRD1	Software related activities carried out in the last 3 months for educational, professional or private purposes involving using word processing software
	Digital skills	CPRES2	Software related activities carried out in the last 3 months for educational, professional or private purposes involving creating files (such as document, image, video) incorporating several elements such as text, picture, table, chart, animation or sound
	Digital skills	CXLS1	Software related activities carried out in the last 3 months for educational, professional or private purposes involving using spreadsheet software
	Digital skills	CXLSADV1	Software related activities carried out in the last 3 months for educational, professional or private purposes involving using advanced features of spreadsheet software (functions, formulas, macros and other developer functions) to organise, analyse, structure or modify data
	Digital skills	CEPVA1	Software related activities carried out in the last 3 months for educational, professional or private purposes involving editing photos, video or audio files
	Digital skills	CPRG2	Software related activities carried out in the last 3 months for educational, professional or private purposes involving writing code in a programming language
	Digital skills	UDI	Information or content (such as videos, images) seen on internet news sites or social media considered untrue or doubtful by the respondent in the last 3 months
	Digital skills	TIC	Truthfulness of the information or content found on internet news sites or social media checked by respondent in the last 3 months
	Digital skills	TICCSFOI	Truthfulness of the information or content found on the internet checked by respondent by checking the sources or finding other information on the internet (such as other news sites)

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Digital skills	TICIDIS	Truthfulness of the information or content found on the internet checked by the respondent by following or taking part in discussion on the internet regarding the information
	Digital skills	TICNIDIS	Truthfulness of the information or content found on the internet checked by the respondent by discussing the information offline with other persons or using sources not on the internet
	Digital skills	TICXND	Truthfulness of information or content found on the internet not checked because the respondent already knew that information, content or source was not reliable
	Digital skills	TICXSKL	Truthfulness of information or content found on the internet not checked because the respondent lacked skills or knowledge to do so
	Digital skills	TICXOTH	Truthfulness of information or content found on the internet not checked because of other reasons
	Digital skills	HM (optional)	Messages encountered online in the last 3 months which are considered by the respondent to be hostile or degrading towards groups of people or individuals in videos, blogs, vlogs, on social media or news sites (including in the comments' section) (optional)
	Digital skills	HMPS (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of political or social views (optional)
	Digital skills	HMSO (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of sexual orientation (LGBTIQ identities) (optional)
	Digital skills	HMSE (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of sex (optional)
	Digital skills	HMRE (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of racial or ethnic origin (optional)
	Digital skills	HMRB (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of religion or belief (optional)

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Digital skills	HMD (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of disability (optional)
	Digital skills	HMOTH (optional)	Groups of people or individuals attacked or targeted in the messages considered as hostile or degrading because of other personal characteristics (optional)
	Security, privacy, trust	MAPS_RPS	Carrying out the following to manage access to own personal data (such as name, date of birth, identity card number, contact details, credit card number, photos, geographical location) on the internet in the last 3 months: reading privacy policy statements before providing personal data
	Security, privacy, trust	MAPS_RRGL	Carrying out the following to manage access to own personal data (such as name, date of birth, identity card number, contact details, credit card number, photos, geographical location) on the internet in the last 3 months: restricting or refusing access to own geographical location
	Security, privacy, trust	MAPS_LAP	Carrying out the following to manage access to own personal data (such as name, date of birth, identity card number, contact details, credit card number, photos, geographical location) on the internet in the last 3 months: limiting access to profile or content on social networking sites or shared online storage
	Security, privacy, trust	MAPS_RAAD	Carrying out the following to manage access to own personal data (such as name, date of birth, identity card number, contact details, credit card number, photos, geographical location) on the internet in the last 3 months: refusing allowing the use of personal data for advertising purposes
	Security, privacy, trust	MAPS_CWSC	Carrying out the following to manage access to own personal data (such as name, date of birth, identity card number, contact details, credit card number, photos, geographical location) on the internet in the last 3 months: checking that the website where the respondent provided personal data was secure (such as https sites, safety logo or certificates)
	Security, privacy, trust	MAPS_APD	Carrying out the following to manage access to own personal data (such as name, date of birth, identity card number, contact details, credit card number, photos, geographical location) on the internet in the last 3 months: asking websites or search engines administrator or provider to access the data they hold about the respondent to update or delete it

Topic	Detailed topic	Variable identifier	Variable title/variable description
	Security, privacy, trust	PCOOK1	Changing settings in own internet browser to prevent or limit cookies on any of the respondent's devices
	Security, privacy, trust	CCOOK (optional)	Concerns that respondent's online activities are recorded to provide the respondent with tailored advertising (optional)
	Security, privacy, trust	USLCOOK	Use of software that limits the ability to track the individual's activities on the internet on any of the respondent's devices

(¹) Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transaction in the internal market and repealing Directive 1999/93/EC (OJ L 257, 28.8.2014, p. 73). The levels of assurance substantial and high are defined according to Commission implementing Regulation (EU) 2015/1502 of 8 September 2015 on setting out minimum technical specification and procedures for assurance levels for electronic identification means pursuant to Article 8(3) of Regulation (EU) No 910/2014.

COMMISSION IMPLEMENTING REGULATION (EU) 2022/2280**of 15 November 2022****entering a name in the register of protected designations of origin and protected geographical indications ('Salacgrīvas nēgi' (PGI))**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) No 1151/2012 of the European Parliament and of the Council of 21 November 2012 on quality schemes for agricultural products and foodstuffs ⁽¹⁾, and in particular Article 52(2) thereof,

Whereas:

- (1) Pursuant to Article 50(2)(a) of Regulation (EU) No 1151/2012, Latvia's application to register the name 'Salacgrīvas nēgi' was published in the *Official Journal of the European Union* ⁽²⁾.
- (2) As no statement of opposition under Article 51 of Regulation (EU) No 1151/2012 has been received by the Commission, the name 'Salacgrīvas nēgi' should therefore be entered in the register,

HAS ADOPTED THIS REGULATION:

Article 1

The name 'Salacgrīvas nēgi' (PGI) is hereby entered in the register.

The name specified in the first paragraph denotes a product in Class 1.7. Fresh fish, molluscs and crustaceans and products derived therefrom, as listed in Annex XI to Commission Implementing Regulation (EU) No 668/2014 ⁽³⁾.

Article 2

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, 15 November 2022.

*For the Commission,
On behalf of the President,
Janusz WOJCIECHOWSKI
Member of the Commission*

⁽¹⁾ OJ L 343, 14.12.2012, p. 1.

⁽²⁾ OJ C 281, 22.7.2022, p. 9.

⁽³⁾ Commission Implementing Regulation (EU) No 668/2014 of 13 June 2014 laying down rules for the application of Regulation (EU) No 1151/2012 of the European Parliament and of the Council on quality schemes for agricultural products and foodstuffs (OJ L 179, 19.6.2014, p. 36).

COMMISSION IMPLEMENTING REGULATION (EU) 2022/2281**of 15 November 2022****entering a name in the register of protected designations of origin and protected geographical indications ('Lumblija' (PGI))**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) No 1151/2012 of the European Parliament and of the Council of 21 November 2012 on quality schemes for agricultural products and foodstuffs ⁽¹⁾, and in particular Article 52(2) thereof,

Whereas:

- (1) Pursuant to Article 50(2)(a) of Regulation (EU) No 1151/2012, Croatia's application to register the name 'Lumblija' was published in the *Official Journal of the European Union* ⁽²⁾.
- (2) As no statement of opposition under Article 51 of Regulation (EU) No 1151/2012 has been received by the Commission, the name 'Lumblija' should therefore be entered in the register,

HAS ADOPTED THIS REGULATION:

Article 1

The name 'Lumblija' (PGI) is hereby entered in the register.

The name specified in the first paragraph denotes a product in Class 2.3. – Bread, pastry, cakes, confectionery, biscuits and other baker's wares, as listed in Annex XI to Commission Implementing Regulation (EU) No 668/2014 ⁽³⁾.*Article 2*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, 15 November 2022.

For the Commission,
On behalf of the President,
Janusz WOJCIECHOWSKI
Member of the Commission

⁽¹⁾ OJ L 343, 14.12.2012, p. 1.

⁽²⁾ OJ C 286, 27.7.2022, p. 57.

⁽³⁾ Commission Implementing Regulation (EU) No 668/2014 of 13 June 2014 laying down rules for the application of Regulation (EU) No 1151/2012 of the European Parliament and of the Council on quality schemes for agricultural products and foodstuffs (OJ L 179, 19.6.2014, p. 36).

COMMISSION IMPLEMENTING REGULATION (EU) 2022/2282**of 21 November 2022****laying down technical information for the calculation of technical provisions and basic own funds for reporting with reference dates from 30 September 2022 until 30 December 2022 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 October 2022, the European Insurance and Occupational Pensions Authority provided the Commission with the technical information related to end of September 2022 market data. That information was published on 6 October 2022 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 30 September 2022 until 30 December 2022.

⁽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).

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.

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 30 September 2022.

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

Done at Brussels, 21 November 2022.

For the Commission
The President
Ursula VON DER LEYEN

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	2,378 %	6,852 %	2,368 %	13,041 %	3,151 %	2,114 %
2	2,725 %	6,556 %	2,715 %	12,493 %	3,170 %	2,588 %
3	2,792 %	6,085 %	2,782 %	11,733 %	3,196 %	2,920 %
4	2,837 %	5,649 %	2,827 %	11,030 %	3,207 %	3,181 %
5	2,873 %	5,332 %	2,863 %	10,464 %	3,195 %	3,422 %
6	2,901 %	5,144 %	2,891 %	10,033 %	3,161 %	3,663 %
7	2,920 %	5,033 %	2,910 %	9,719 %	3,122 %	3,905 %
8	2,943 %	4,964 %	2,933 %	9,502 %	3,089 %	4,163 %
9	2,967 %	4,915 %	2,956 %	9,370 %	3,067 %	4,392 %
10	2,992 %	4,874 %	2,982 %	9,285 %	3,058 %	4,561 %
11	3,006 %	4,835 %	2,996 %	9,244 %	3,062 %	4,679 %
12	3,018 %	4,797 %	3,008 %	9,225 %	3,075 %	4,759 %
13	3,020 %	4,760 %	3,010 %	9,216 %	3,091 %	4,812 %
14	3,006 %	4,724 %	2,996 %	9,215 %	3,109 %	4,844 %
15	2,974 %	4,688 %	2,964 %	9,208 %	3,126 %	4,861 %
16	2,922 %	4,652 %	2,912 %	9,178 %	3,143 %	4,866 %
17	2,861 %	4,618 %	2,851 %	9,127 %	3,159 %	4,861 %
18	2,799 %	4,584 %	2,789 %	9,059 %	3,173 %	4,850 %
19	2,744 %	4,551 %	2,734 %	8,979 %	3,187 %	4,834 %
20	2,699 %	4,520 %	2,689 %	8,890 %	3,200 %	4,814 %
21	2,668 %	4,489 %	2,658 %	8,795 %	3,211 %	4,791 %
22	2,647 %	4,460 %	2,638 %	8,695 %	3,222 %	4,766 %
23	2,635 %	4,431 %	2,626 %	8,594 %	3,231 %	4,740 %
24	2,630 %	4,404 %	2,621 %	8,491 %	3,240 %	4,713 %
25	2,629 %	4,377 %	2,620 %	8,389 %	3,249 %	4,685 %
26	2,632 %	4,352 %	2,624 %	8,287 %	3,256 %	4,657 %
27	2,639 %	4,328 %	2,631 %	8,188 %	3,263 %	4,630 %
28	2,648 %	4,304 %	2,640 %	8,090 %	3,270 %	4,602 %
29	2,658 %	4,282 %	2,650 %	7,995 %	3,276 %	4,575 %
30	2,670 %	4,260 %	2,662 %	7,902 %	3,282 %	4,548 %
31	2,682 %	4,240 %	2,675 %	7,813 %	3,287 %	4,522 %
32	2,696 %	4,220 %	2,688 %	7,726 %	3,293 %	4,497 %
33	2,709 %	4,200 %	2,702 %	7,642 %	3,297 %	4,472 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
34	2,723 %	4,182 %	2,716 %	7,562 %	3,302 %	4,449 %
35	2,737 %	4,164 %	2,731 %	7,484 %	3,306 %	4,425 %
36	2,751 %	4,148 %	2,745 %	7,410 %	3,310 %	4,403 %
37	2,765 %	4,131 %	2,759 %	7,338 %	3,314 %	4,381 %
38	2,779 %	4,116 %	2,773 %	7,269 %	3,317 %	4,360 %
39	2,792 %	4,101 %	2,786 %	7,203 %	3,321 %	4,340 %
40	2,806 %	4,086 %	2,800 %	7,139 %	3,324 %	4,320 %
41	2,819 %	4,072 %	2,813 %	7,078 %	3,327 %	4,301 %
42	2,831 %	4,059 %	2,825 %	7,020 %	3,330 %	4,283 %
43	2,843 %	4,046 %	2,838 %	6,963 %	3,333 %	4,265 %
44	2,855 %	4,033 %	2,850 %	6,909 %	3,335 %	4,248 %
45	2,867 %	4,021 %	2,862 %	6,857 %	3,338 %	4,232 %
46	2,878 %	4,010 %	2,873 %	6,807 %	3,340 %	4,216 %
47	2,889 %	3,999 %	2,884 %	6,759 %	3,343 %	4,200 %
48	2,900 %	3,988 %	2,895 %	6,713 %	3,345 %	4,186 %
49	2,910 %	3,978 %	2,906 %	6,668 %	3,347 %	4,171 %
50	2,920 %	3,967 %	2,916 %	6,625 %	3,349 %	4,158 %
51	2,930 %	3,958 %	2,925 %	6,584 %	3,351 %	4,144 %
52	2,940 %	3,948 %	2,935 %	6,544 %	3,353 %	4,131 %
53	2,949 %	3,939 %	2,944 %	6,506 %	3,355 %	4,119 %
54	2,958 %	3,931 %	2,953 %	6,469 %	3,357 %	4,107 %
55	2,966 %	3,922 %	2,962 %	6,433 %	3,358 %	4,095 %
56	2,974 %	3,914 %	2,970 %	6,399 %	3,360 %	4,084 %
57	2,982 %	3,906 %	2,978 %	6,366 %	3,362 %	4,073 %
58	2,990 %	3,899 %	2,986 %	6,333 %	3,363 %	4,063 %
59	2,998 %	3,891 %	2,994 %	6,302 %	3,365 %	4,052 %
60	3,005 %	3,884 %	3,001 %	6,272 %	3,366 %	4,043 %
61	3,012 %	3,877 %	3,008 %	6,243 %	3,367 %	4,033 %
62	3,019 %	3,870 %	3,015 %	6,215 %	3,369 %	4,024 %
63	3,026 %	3,864 %	3,022 %	6,187 %	3,370 %	4,015 %
64	3,032 %	3,857 %	3,029 %	6,161 %	3,371 %	4,006 %
65	3,039 %	3,851 %	3,035 %	6,135 %	3,372 %	3,998 %
66	3,045 %	3,845 %	3,041 %	6,110 %	3,374 %	3,989 %
67	3,051 %	3,839 %	3,047 %	6,086 %	3,375 %	3,981 %
68	3,057 %	3,834 %	3,053 %	6,063 %	3,376 %	3,974 %
69	3,062 %	3,828 %	3,059 %	6,040 %	3,377 %	3,966 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
70	3,068 %	3,823 %	3,064 %	6,018 %	3,378 %	3,959 %
71	3,073 %	3,818 %	3,070 %	5,996 %	3,379 %	3,951 %
72	3,078 %	3,813 %	3,075 %	5,976 %	3,380 %	3,945 %
73	3,083 %	3,808 %	3,080 %	5,955 %	3,381 %	3,938 %
74	3,088 %	3,803 %	3,085 %	5,935 %	3,382 %	3,931 %
75	3,093 %	3,798 %	3,090 %	5,916 %	3,383 %	3,925 %
76	3,098 %	3,794 %	3,095 %	5,897 %	3,384 %	3,919 %
77	3,102 %	3,789 %	3,099 %	5,879 %	3,385 %	3,912 %
78	3,107 %	3,785 %	3,104 %	5,861 %	3,385 %	3,907 %
79	3,111 %	3,781 %	3,108 %	5,844 %	3,386 %	3,901 %
80	3,115 %	3,776 %	3,112 %	5,827 %	3,387 %	3,895 %
81	3,119 %	3,772 %	3,116 %	5,811 %	3,388 %	3,890 %
82	3,123 %	3,769 %	3,120 %	5,795 %	3,389 %	3,884 %
83	3,127 %	3,765 %	3,124 %	5,779 %	3,389 %	3,879 %
84	3,131 %	3,761 %	3,128 %	5,764 %	3,390 %	3,874 %
85	3,135 %	3,757 %	3,132 %	5,749 %	3,391 %	3,869 %
86	3,138 %	3,754 %	3,136 %	5,734 %	3,391 %	3,864 %
87	3,142 %	3,750 %	3,139 %	5,720 %	3,392 %	3,859 %
88	3,146 %	3,747 %	3,143 %	5,706 %	3,393 %	3,855 %
89	3,149 %	3,744 %	3,146 %	5,692 %	3,393 %	3,850 %
90	3,152 %	3,740 %	3,150 %	5,679 %	3,394 %	3,846 %
91	3,156 %	3,737 %	3,153 %	5,666 %	3,395 %	3,841 %
92	3,159 %	3,734 %	3,156 %	5,653 %	3,395 %	3,837 %
93	3,162 %	3,731 %	3,159 %	5,641 %	3,396 %	3,833 %
94	3,165 %	3,728 %	3,162 %	5,629 %	3,396 %	3,829 %
95	3,168 %	3,725 %	3,165 %	5,617 %	3,397 %	3,825 %
96	3,171 %	3,722 %	3,168 %	5,605 %	3,397 %	3,821 %
97	3,174 %	3,719 %	3,171 %	5,593 %	3,398 %	3,817 %
98	3,177 %	3,717 %	3,174 %	5,582 %	3,399 %	3,813 %
99	3,179 %	3,714 %	3,177 %	5,571 %	3,399 %	3,810 %
100	3,182 %	3,711 %	3,180 %	5,560 %	3,400 %	3,806 %
101	3,185 %	3,709 %	3,182 %	5,550 %	3,400 %	3,803 %
102	3,187 %	3,706 %	3,185 %	5,540 %	3,401 %	3,799 %
103	3,190 %	3,704 %	3,187 %	5,529 %	3,401 %	3,796 %
104	3,192 %	3,701 %	3,190 %	5,519 %	3,402 %	3,792 %
105	3,195 %	3,699 %	3,192 %	5,510 %	3,402 %	3,789 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
106	3,197 %	3,696 %	3,195 %	5,500 %	3,402 %	3,786 %
107	3,200 %	3,694 %	3,197 %	5,491 %	3,403 %	3,783 %
108	3,202 %	3,692 %	3,200 %	5,482 %	3,403 %	3,780 %
109	3,204 %	3,690 %	3,202 %	5,472 %	3,404 %	3,777 %
110	3,206 %	3,687 %	3,204 %	5,464 %	3,404 %	3,774 %
111	3,209 %	3,685 %	3,206 %	5,455 %	3,405 %	3,771 %
112	3,211 %	3,683 %	3,209 %	5,446 %	3,405 %	3,768 %
113	3,213 %	3,681 %	3,211 %	5,438 %	3,405 %	3,765 %
114	3,215 %	3,679 %	3,213 %	5,430 %	3,406 %	3,762 %
115	3,217 %	3,677 %	3,215 %	5,422 %	3,406 %	3,760 %
116	3,219 %	3,675 %	3,217 %	5,414 %	3,407 %	3,757 %
117	3,221 %	3,673 %	3,219 %	5,406 %	3,407 %	3,754 %
118	3,223 %	3,671 %	3,221 %	5,398 %	3,407 %	3,752 %
119	3,225 %	3,669 %	3,223 %	5,390 %	3,408 %	3,749 %
120	3,227 %	3,668 %	3,225 %	5,383 %	3,408 %	3,747 %
121	3,228 %	3,666 %	3,226 %	5,376 %	3,408 %	3,744 %
122	3,230 %	3,664 %	3,228 %	5,368 %	3,409 %	3,742 %
123	3,232 %	3,662 %	3,230 %	5,361 %	3,409 %	3,739 %
124	3,234 %	3,661 %	3,232 %	5,354 %	3,409 %	3,737 %
125	3,236 %	3,659 %	3,234 %	5,348 %	3,410 %	3,735 %
126	3,237 %	3,657 %	3,235 %	5,341 %	3,410 %	3,732 %
127	3,239 %	3,656 %	3,237 %	5,334 %	3,410 %	3,730 %
128	3,241 %	3,654 %	3,239 %	5,328 %	3,411 %	3,728 %
129	3,242 %	3,652 %	3,240 %	5,321 %	3,411 %	3,726 %
130	3,244 %	3,651 %	3,242 %	5,315 %	3,411 %	3,724 %
131	3,245 %	3,649 %	3,244 %	5,309 %	3,412 %	3,722 %
132	3,247 %	3,648 %	3,245 %	5,302 %	3,412 %	3,720 %
133	3,248 %	3,646 %	3,247 %	5,296 %	3,412 %	3,718 %
134	3,250 %	3,645 %	3,248 %	5,290 %	3,412 %	3,716 %
135	3,251 %	3,643 %	3,250 %	5,284 %	3,413 %	3,714 %
136	3,253 %	3,642 %	3,251 %	5,279 %	3,413 %	3,712 %
137	3,254 %	3,641 %	3,253 %	5,273 %	3,413 %	3,710 %
138	3,256 %	3,639 %	3,254 %	5,267 %	3,413 %	3,708 %
139	3,257 %	3,638 %	3,255 %	5,262 %	3,414 %	3,706 %
140	3,259 %	3,637 %	3,257 %	5,256 %	3,414 %	3,704 %
141	3,260 %	3,635 %	3,258 %	5,251 %	3,414 %	3,702 %

Term to maturity (in years)	Euro	Czech koruna	Danish krone	Forint	Krona	Kuna
142	3,261 %	3,634 %	3,260 %	5,246 %	3,414 %	3,701 %
143	3,263 %	3,633 %	3,261 %	5,240 %	3,415 %	3,699 %
144	3,264 %	3,631 %	3,262 %	5,235 %	3,415 %	3,697 %
145	3,265 %	3,630 %	3,263 %	5,230 %	3,415 %	3,695 %
146	3,266 %	3,629 %	3,265 %	5,225 %	3,415 %	3,694 %
147	3,268 %	3,628 %	3,266 %	5,220 %	3,416 %	3,692 %
148	3,269 %	3,626 %	3,267 %	5,215 %	3,416 %	3,690 %
149	3,270 %	3,625 %	3,268 %	5,211 %	3,416 %	3,689 %
150	3,271 %	3,624 %	3,270 %	5,206 %	3,416 %	3,687 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
1	2,328 %	5,093 %	7,909 %	7,166 %	6,023 %	3,581 %
2	2,675 %	5,417 %	8,285 %	7,388 %	6,018 %	3,537 %
3	2,742 %	5,365 %	8,471 %	7,411 %	5,995 %	3,475 %
4	2,787 %	5,208 %	8,536 %	7,349 %	5,963 %	3,424 %
5	2,823 %	5,039 %	8,555 %	7,270 %	5,925 %	3,394 %
6	2,851 %	4,851 %	8,549 %	7,197 %	5,882 %	3,387 %
7	2,870 %	4,679 %	8,521 %	7,138 %	5,834 %	3,393 %
8	2,893 %	4,546 %	8,482 %	7,099 %	5,780 %	3,403 %
9	2,916 %	4,444 %	8,431 %	7,086 %	5,721 %	3,415 %
10	2,942 %	4,364 %	8,363 %	7,080 %	5,658 %	3,426 %
11	2,956 %	4,291 %	8,276 %	7,053 %	5,594 %	3,435 %
12	2,967 %	4,222 %	8,174 %	7,005 %	5,530 %	3,442 %
13	2,970 %	4,157 %	8,062 %	6,944 %	5,466 %	3,448 %
14	2,956 %	4,098 %	7,944 %	6,873 %	5,404 %	3,452 %
15	2,924 %	4,043 %	7,822 %	6,795 %	5,343 %	3,456 %
16	2,872 %	3,991 %	7,699 %	6,713 %	5,284 %	3,459 %
17	2,810 %	3,943 %	7,576 %	6,628 %	5,226 %	3,462 %
18	2,749 %	3,897 %	7,454 %	6,543 %	5,171 %	3,464 %
19	2,694 %	3,852 %	7,334 %	6,457 %	5,118 %	3,466 %
20	2,650 %	3,808 %	7,217 %	6,373 %	5,066 %	3,468 %
21	2,620 %	3,764 %	7,103 %	6,289 %	5,017 %	3,469 %
22	2,600 %	3,721 %	6,992 %	6,208 %	4,970 %	3,470 %
23	2,589 %	3,679 %	6,885 %	6,129 %	4,924 %	3,471 %
24	2,585 %	3,640 %	6,782 %	6,052 %	4,881 %	3,471 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
25	2,585 %	3,603 %	6,683 %	5,977 %	4,839 %	3,472 %
26	2,590 %	3,569 %	6,587 %	5,905 %	4,799 %	3,473 %
27	2,597 %	3,538 %	6,496 %	5,836 %	4,761 %	3,473 %
28	2,607 %	3,511 %	6,408 %	5,769 %	4,724 %	3,473 %
29	2,619 %	3,486 %	6,323 %	5,705 %	4,689 %	3,474 %
30	2,632 %	3,465 %	6,243 %	5,643 %	4,656 %	3,474 %
31	2,645 %	3,447 %	6,165 %	5,584 %	4,624 %	3,474 %
32	2,659 %	3,432 %	6,091 %	5,527 %	4,593 %	3,474 %
33	2,674 %	3,419 %	6,021 %	5,473 %	4,564 %	3,474 %
34	2,689 %	3,408 %	5,953 %	5,420 %	4,535 %	3,474 %
35	2,704 %	3,399 %	5,888 %	5,370 %	4,508 %	3,474 %
36	2,719 %	3,391 %	5,826 %	5,322 %	4,482 %	3,474 %
37	2,733 %	3,385 %	5,767 %	5,276 %	4,458 %	3,474 %
38	2,748 %	3,380 %	5,710 %	5,232 %	4,434 %	3,474 %
39	2,762 %	3,375 %	5,655 %	5,190 %	4,411 %	3,473 %
40	2,776 %	3,372 %	5,603 %	5,149 %	4,389 %	3,473 %
41	2,790 %	3,369 %	5,553 %	5,110 %	4,368 %	3,473 %
42	2,803 %	3,367 %	5,505 %	5,072 %	4,348 %	3,473 %
43	2,816 %	3,365 %	5,459 %	5,037 %	4,328 %	3,473 %
44	2,828 %	3,363 %	5,415 %	5,002 %	4,309 %	3,473 %
45	2,841 %	3,363 %	5,373 %	4,969 %	4,291 %	3,472 %
46	2,853 %	3,362 %	5,332 %	4,937 %	4,274 %	3,472 %
47	2,864 %	3,361 %	5,293 %	4,906 %	4,257 %	3,472 %
48	2,875 %	3,361 %	5,255 %	4,877 %	4,241 %	3,472 %
49	2,886 %	3,361 %	5,219 %	4,848 %	4,226 %	3,471 %
50	2,897 %	3,361 %	5,184 %	4,821 %	4,211 %	3,471 %
51	2,907 %	3,362 %	5,150 %	4,794 %	4,196 %	3,471 %
52	2,917 %	3,362 %	5,118 %	4,769 %	4,182 %	3,471 %
53	2,926 %	3,363 %	5,087 %	4,744 %	4,169 %	3,471 %
54	2,935 %	3,363 %	5,057 %	4,721 %	4,156 %	3,470 %
55	2,944 %	3,364 %	5,028 %	4,698 %	4,143 %	3,470 %
56	2,953 %	3,365 %	5,000 %	4,676 %	4,131 %	3,470 %
57	2,962 %	3,366 %	4,973 %	4,654 %	4,120 %	3,470 %
58	2,970 %	3,367 %	4,946 %	4,634 %	4,108 %	3,469 %
59	2,978 %	3,367 %	4,921 %	4,614 %	4,097 %	3,469 %
60	2,985 %	3,368 %	4,897 %	4,595 %	4,087 %	3,469 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
61	2,993 %	3,369 %	4,873 %	4,576 %	4,076 %	3,469 %
62	3,000 %	3,370 %	4,850 %	4,558 %	4,066 %	3,469 %
63	3,007 %	3,371 %	4,828 %	4,540 %	4,057 %	3,468 %
64	3,014 %	3,372 %	4,806 %	4,523 %	4,047 %	3,468 %
65	3,020 %	3,373 %	4,785 %	4,507 %	4,038 %	3,468 %
66	3,027 %	3,374 %	4,765 %	4,491 %	4,029 %	3,468 %
67	3,033 %	3,375 %	4,745 %	4,475 %	4,021 %	3,468 %
68	3,039 %	3,376 %	4,726 %	4,460 %	4,012 %	3,467 %
69	3,045 %	3,377 %	4,708 %	4,445 %	4,004 %	3,467 %
70	3,051 %	3,377 %	4,690 %	4,431 %	3,996 %	3,467 %
71	3,056 %	3,378 %	4,672 %	4,417 %	3,989 %	3,467 %
72	3,062 %	3,379 %	4,655 %	4,404 %	3,981 %	3,467 %
73	3,067 %	3,380 %	4,638 %	4,391 %	3,974 %	3,466 %
74	3,072 %	3,381 %	4,622 %	4,378 %	3,967 %	3,466 %
75	3,077 %	3,382 %	4,607 %	4,366 %	3,960 %	3,466 %
76	3,082 %	3,383 %	4,591 %	4,353 %	3,953 %	3,466 %
77	3,087 %	3,383 %	4,576 %	4,342 %	3,947 %	3,466 %
78	3,091 %	3,384 %	4,562 %	4,330 %	3,940 %	3,466 %
79	3,096 %	3,385 %	4,548 %	4,319 %	3,934 %	3,465 %
80	3,100 %	3,386 %	4,534 %	4,308 %	3,928 %	3,465 %
81	3,105 %	3,386 %	4,521 %	4,298 %	3,922 %	3,465 %
82	3,109 %	3,387 %	4,507 %	4,287 %	3,917 %	3,465 %
83	3,113 %	3,388 %	4,495 %	4,277 %	3,911 %	3,465 %
84	3,117 %	3,389 %	4,482 %	4,267 %	3,905 %	3,465 %
85	3,121 %	3,389 %	4,470 %	4,258 %	3,900 %	3,464 %
86	3,125 %	3,390 %	4,458 %	4,248 %	3,895 %	3,464 %
87	3,128 %	3,391 %	4,446 %	4,239 %	3,890 %	3,464 %
88	3,132 %	3,391 %	4,435 %	4,230 %	3,885 %	3,464 %
89	3,136 %	3,392 %	4,424 %	4,221 %	3,880 %	3,464 %
90	3,139 %	3,393 %	4,413 %	4,213 %	3,875 %	3,464 %
91	3,142 %	3,393 %	4,402 %	4,204 %	3,870 %	3,464 %
92	3,146 %	3,394 %	4,392 %	4,196 %	3,866 %	3,464 %
93	3,149 %	3,394 %	4,382 %	4,188 %	3,861 %	3,463 %
94	3,152 %	3,395 %	4,372 %	4,180 %	3,857 %	3,463 %
95	3,155 %	3,396 %	4,362 %	4,172 %	3,853 %	3,463 %
96	3,158 %	3,396 %	4,353 %	4,165 %	3,848 %	3,463 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
97	3,161 %	3,397 %	4,343 %	4,157 %	3,844 %	3,463 %
98	3,164 %	3,397 %	4,334 %	4,150 %	3,840 %	3,463 %
99	3,167 %	3,398 %	4,325 %	4,143 %	3,836 %	3,463 %
100	3,170 %	3,398 %	4,316 %	4,136 %	3,832 %	3,463 %
101	3,173 %	3,399 %	4,308 %	4,129 %	3,829 %	3,462 %
102	3,176 %	3,399 %	4,299 %	4,123 %	3,825 %	3,462 %
103	3,178 %	3,400 %	4,291 %	4,116 %	3,821 %	3,462 %
104	3,181 %	3,400 %	4,283 %	4,110 %	3,818 %	3,462 %
105	3,183 %	3,401 %	4,275 %	4,103 %	3,814 %	3,462 %
106	3,186 %	3,401 %	4,267 %	4,097 %	3,811 %	3,462 %
107	3,188 %	3,402 %	4,259 %	4,091 %	3,807 %	3,462 %
108	3,191 %	3,402 %	4,252 %	4,085 %	3,804 %	3,462 %
109	3,193 %	3,402 %	4,245 %	4,079 %	3,801 %	3,462 %
110	3,195 %	3,403 %	4,237 %	4,073 %	3,798 %	3,461 %
111	3,198 %	3,403 %	4,230 %	4,068 %	3,795 %	3,461 %
112	3,200 %	3,404 %	4,223 %	4,062 %	3,791 %	3,461 %
113	3,202 %	3,404 %	4,216 %	4,057 %	3,788 %	3,461 %
114	3,204 %	3,405 %	4,210 %	4,052 %	3,785 %	3,461 %
115	3,207 %	3,405 %	4,203 %	4,046 %	3,783 %	3,461 %
116	3,209 %	3,405 %	4,196 %	4,041 %	3,780 %	3,461 %
117	3,211 %	3,406 %	4,190 %	4,036 %	3,777 %	3,461 %
118	3,213 %	3,406 %	4,184 %	4,031 %	3,774 %	3,461 %
119	3,215 %	3,406 %	4,178 %	4,026 %	3,771 %	3,461 %
120	3,217 %	3,407 %	4,171 %	4,021 %	3,769 %	3,461 %
121	3,219 %	3,407 %	4,165 %	4,017 %	3,766 %	3,460 %
122	3,220 %	3,407 %	4,160 %	4,012 %	3,763 %	3,460 %
123	3,222 %	3,408 %	4,154 %	4,007 %	3,761 %	3,460 %
124	3,224 %	3,408 %	4,148 %	4,003 %	3,758 %	3,460 %
125	3,226 %	3,409 %	4,142 %	3,998 %	3,756 %	3,460 %
126	3,228 %	3,409 %	4,137 %	3,994 %	3,753 %	3,460 %
127	3,230 %	3,409 %	4,132 %	3,990 %	3,751 %	3,460 %
128	3,231 %	3,409 %	4,126 %	3,986 %	3,749 %	3,460 %
129	3,233 %	3,410 %	4,121 %	3,981 %	3,746 %	3,460 %
130	3,235 %	3,410 %	4,116 %	3,977 %	3,744 %	3,460 %
131	3,236 %	3,410 %	4,111 %	3,973 %	3,742 %	3,460 %
132	3,238 %	3,411 %	4,106 %	3,969 %	3,740 %	3,460 %

Term to maturity (in years)	Lev	Pound sterling	Romanian leu	Zloty	Króna	Norwegian krone
133	3,239 %	3,411 %	4,101 %	3,965 %	3,737 %	3,460 %
134	3,241 %	3,411 %	4,096 %	3,962 %	3,735 %	3,459 %
135	3,243 %	3,412 %	4,091 %	3,958 %	3,733 %	3,459 %
136	3,244 %	3,412 %	4,086 %	3,954 %	3,731 %	3,459 %
137	3,246 %	3,412 %	4,082 %	3,950 %	3,729 %	3,459 %
138	3,247 %	3,412 %	4,077 %	3,947 %	3,727 %	3,459 %
139	3,249 %	3,413 %	4,073 %	3,943 %	3,725 %	3,459 %
140	3,250 %	3,413 %	4,068 %	3,940 %	3,723 %	3,459 %
141	3,251 %	3,413 %	4,064 %	3,936 %	3,721 %	3,459 %
142	3,253 %	3,413 %	4,059 %	3,933 %	3,719 %	3,459 %
143	3,254 %	3,414 %	4,055 %	3,929 %	3,717 %	3,459 %
144	3,256 %	3,414 %	4,051 %	3,926 %	3,715 %	3,459 %
145	3,257 %	3,414 %	4,047 %	3,923 %	3,714 %	3,459 %
146	3,258 %	3,414 %	4,043 %	3,919 %	3,712 %	3,459 %
147	3,259 %	3,415 %	4,039 %	3,916 %	3,710 %	3,459 %
148	3,261 %	3,415 %	4,035 %	3,913 %	3,708 %	3,459 %
149	3,262 %	3,415 %	4,031 %	3,910 %	3,707 %	3,458 %
150	3,263 %	3,415 %	4,027 %	3,907 %	3,705 %	3,458 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
1	0,415 %	3,996 %	1,463 %	4,256 %	10,191 %	11,136 %
2	0,558 %	4,179 %	1,882 %	4,090 %	8,600 %	11,653 %
3	0,657 %	4,162 %	2,216 %	3,851 %	7,805 %	12,009 %
4	0,741 %	4,163 %	2,468 %	3,653 %	7,386 %	12,260 %
5	0,820 %	4,211 %	2,666 %	3,538 %	7,152 %	12,431 %
6	0,896 %	4,267 %	2,825 %	3,496 %	7,019 %	12,539 %
7	0,962 %	4,315 %	2,956 %	3,489 %	6,941 %	12,614 %
8	1,014 %	4,361 %	3,068 %	3,492 %	6,896 %	12,669 %
9	1,053 %	4,395 %	3,175 %	3,497 %	6,870 %	12,704 %
10	1,077 %	4,417 %	3,278 %	3,498 %	6,849 %	12,704 %
11	1,090 %	4,438 %	3,394 %	3,494 %	6,818 %	12,655 %
12	1,092 %	4,454 %	3,519 %	3,485 %	6,778 %	12,565 %
13	1,085 %	4,461 %	3,640 %	3,473 %	6,731 %	12,443 %
14	1,070 %	4,459 %	3,751 %	3,460 %	6,680 %	12,298 %
15	1,057 %	4,449 %	3,845 %	3,445 %	6,626 %	12,135 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
16	1,055 %	4,430 %	3,919 %	3,431 %	6,571 %	11,961 %
17	1,063 %	4,402 %	3,975 %	3,416 %	6,516 %	11,778 %
18	1,078 %	4,366 %	4,017 %	3,402 %	6,460 %	11,589 %
19	1,097 %	4,322 %	4,048 %	3,388 %	6,406 %	11,398 %
20	1,121 %	4,271 %	4,070 %	3,375 %	6,352 %	11,207 %
21	1,146 %	4,211 %	4,085 %	3,363 %	6,299 %	11,016 %
22	1,174 %	4,147 %	4,094 %	3,352 %	6,248 %	10,828 %
23	1,202 %	4,081 %	4,099 %	3,342 %	6,199 %	10,644 %
24	1,230 %	4,014 %	4,100 %	3,332 %	6,151 %	10,464 %
25	1,259 %	3,949 %	4,098 %	3,324 %	6,104 %	10,289 %
26	1,288 %	3,885 %	4,094 %	3,316 %	6,059 %	10,120 %
27	1,316 %	3,826 %	4,088 %	3,310 %	6,016 %	9,956 %
28	1,343 %	3,771 %	4,081 %	3,304 %	5,975 %	9,798 %
29	1,370 %	3,722 %	4,072 %	3,299 %	5,935 %	9,646 %
30	1,397 %	3,679 %	4,063 %	3,296 %	5,897 %	9,500 %
31	1,422 %	3,642 %	4,053 %	3,293 %	5,860 %	9,360 %
32	1,447 %	3,611 %	4,043 %	3,291 %	5,825 %	9,226 %
33	1,471 %	3,584 %	4,032 %	3,289 %	5,791 %	9,097 %
34	1,495 %	3,562 %	4,022 %	3,288 %	5,758 %	8,974 %
35	1,517 %	3,542 %	4,011 %	3,288 %	5,727 %	8,856 %
36	1,539 %	3,526 %	4,000 %	3,288 %	5,697 %	8,743 %
37	1,560 %	3,511 %	3,989 %	3,288 %	5,668 %	8,635 %
38	1,580 %	3,499 %	3,979 %	3,289 %	5,640 %	8,532 %
39	1,600 %	3,489 %	3,969 %	3,290 %	5,614 %	8,433 %
40	1,618 %	3,480 %	3,958 %	3,291 %	5,588 %	8,338 %
41	1,637 %	3,472 %	3,948 %	3,292 %	5,564 %	8,247 %
42	1,654 %	3,466 %	3,939 %	3,293 %	5,540 %	8,160 %
43	1,671 %	3,460 %	3,929 %	3,295 %	5,518 %	8,077 %
44	1,687 %	3,455 %	3,920 %	3,296 %	5,496 %	7,997 %
45	1,703 %	3,451 %	3,911 %	3,298 %	5,475 %	7,920 %
46	1,718 %	3,448 %	3,902 %	3,300 %	5,455 %	7,847 %
47	1,733 %	3,445 %	3,893 %	3,302 %	5,435 %	7,776 %
48	1,747 %	3,442 %	3,885 %	3,303 %	5,417 %	7,708 %
49	1,760 %	3,440 %	3,877 %	3,305 %	5,399 %	7,643 %
50	1,773 %	3,438 %	3,869 %	3,307 %	5,381 %	7,580 %
51	1,786 %	3,437 %	3,861 %	3,309 %	5,365 %	7,520 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
52	1,798 %	3,435 %	3,854 %	3,311 %	5,348 %	7,462 %
53	1,810 %	3,434 %	3,847 %	3,313 %	5,333 %	7,406 %
54	1,821 %	3,433 %	3,840 %	3,314 %	5,318 %	7,352 %
55	1,833 %	3,432 %	3,833 %	3,316 %	5,303 %	7,299 %
56	1,843 %	3,432 %	3,826 %	3,318 %	5,289 %	7,249 %
57	1,854 %	3,431 %	3,820 %	3,320 %	5,275 %	7,201 %
58	1,864 %	3,431 %	3,814 %	3,322 %	5,262 %	7,154 %
59	1,873 %	3,431 %	3,808 %	3,323 %	5,249 %	7,108 %
60	1,883 %	3,430 %	3,802 %	3,325 %	5,237 %	7,065 %
61	1,892 %	3,430 %	3,797 %	3,327 %	5,225 %	7,022 %
62	1,901 %	3,430 %	3,791 %	3,328 %	5,214 %	6,981 %
63	1,909 %	3,430 %	3,786 %	3,330 %	5,202 %	6,941 %
64	1,918 %	3,430 %	3,781 %	3,332 %	5,191 %	6,903 %
65	1,926 %	3,430 %	3,776 %	3,333 %	5,181 %	6,866 %
66	1,933 %	3,430 %	3,771 %	3,335 %	5,171 %	6,830 %
67	1,941 %	3,430 %	3,766 %	3,336 %	5,161 %	6,794 %
68	1,949 %	3,430 %	3,762 %	3,338 %	5,151 %	6,760 %
69	1,956 %	3,430 %	3,757 %	3,339 %	5,142 %	6,727 %
70	1,963 %	3,430 %	3,753 %	3,341 %	5,132 %	6,695 %
71	1,969 %	3,431 %	3,748 %	3,342 %	5,123 %	6,664 %
72	1,976 %	3,431 %	3,744 %	3,343 %	5,115 %	6,634 %
73	1,983 %	3,431 %	3,740 %	3,345 %	5,106 %	6,604 %
74	1,989 %	3,431 %	3,736 %	3,346 %	5,098 %	6,575 %
75	1,995 %	3,431 %	3,733 %	3,347 %	5,090 %	6,548 %
76	2,001 %	3,431 %	3,729 %	3,349 %	5,083 %	6,520 %
77	2,007 %	3,432 %	3,725 %	3,350 %	5,075 %	6,494 %
78	2,012 %	3,432 %	3,722 %	3,351 %	5,068 %	6,468 %
79	2,018 %	3,432 %	3,718 %	3,352 %	5,060 %	6,443 %
80	2,023 %	3,432 %	3,715 %	3,353 %	5,053 %	6,418 %
81	2,028 %	3,432 %	3,712 %	3,355 %	5,047 %	6,395 %
82	2,034 %	3,433 %	3,709 %	3,356 %	5,040 %	6,371 %
83	2,039 %	3,433 %	3,705 %	3,357 %	5,033 %	6,349 %
84	2,043 %	3,433 %	3,702 %	3,358 %	5,027 %	6,326 %
85	2,048 %	3,433 %	3,699 %	3,359 %	5,021 %	6,305 %
86	2,053 %	3,433 %	3,697 %	3,360 %	5,015 %	6,284 %
87	2,057 %	3,433 %	3,694 %	3,361 %	5,009 %	6,263 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
88	2,062 %	3,434 %	3,691 %	3,362 %	5,003 %	6,243 %
89	2,066 %	3,434 %	3,688 %	3,363 %	4,997 %	6,223 %
90	2,070 %	3,434 %	3,686 %	3,364 %	4,992 %	6,204 %
91	2,075 %	3,434 %	3,683 %	3,365 %	4,986 %	6,185 %
92	2,079 %	3,434 %	3,681 %	3,366 %	4,981 %	6,166 %
93	2,083 %	3,434 %	3,678 %	3,366 %	4,976 %	6,148 %
94	2,087 %	3,435 %	3,676 %	3,367 %	4,971 %	6,131 %
95	2,090 %	3,435 %	3,673 %	3,368 %	4,966 %	6,113 %
96	2,094 %	3,435 %	3,671 %	3,369 %	4,961 %	6,096 %
97	2,098 %	3,435 %	3,669 %	3,370 %	4,956 %	6,080 %
98	2,101 %	3,435 %	3,666 %	3,371 %	4,952 %	6,064 %
99	2,105 %	3,435 %	3,664 %	3,371 %	4,947 %	6,048 %
100	2,108 %	3,435 %	3,662 %	3,372 %	4,943 %	6,032 %
101	2,112 %	3,436 %	3,660 %	3,373 %	4,938 %	6,017 %
102	2,115 %	3,436 %	3,658 %	3,374 %	4,934 %	6,002 %
103	2,118 %	3,436 %	3,656 %	3,374 %	4,930 %	5,987 %
104	2,121 %	3,436 %	3,654 %	3,375 %	4,926 %	5,973 %
105	2,125 %	3,436 %	3,652 %	3,376 %	4,921 %	5,959 %
106	2,128 %	3,436 %	3,650 %	3,377 %	4,917 %	5,945 %
107	2,131 %	3,436 %	3,648 %	3,377 %	4,914 %	5,931 %
108	2,134 %	3,437 %	3,646 %	3,378 %	4,910 %	5,918 %
109	2,136 %	3,437 %	3,645 %	3,379 %	4,906 %	5,905 %
110	2,139 %	3,437 %	3,643 %	3,379 %	4,902 %	5,892 %
111	2,142 %	3,437 %	3,641 %	3,380 %	4,899 %	5,879 %
112	2,145 %	3,437 %	3,639 %	3,381 %	4,895 %	5,867 %
113	2,148 %	3,437 %	3,638 %	3,381 %	4,892 %	5,855 %
114	2,150 %	3,437 %	3,636 %	3,382 %	4,888 %	5,843 %
115	2,153 %	3,437 %	3,634 %	3,382 %	4,885 %	5,831 %
116	2,155 %	3,437 %	3,633 %	3,383 %	4,881 %	5,819 %
117	2,158 %	3,438 %	3,631 %	3,383 %	4,878 %	5,808 %
118	2,160 %	3,438 %	3,630 %	3,384 %	4,875 %	5,797 %
119	2,163 %	3,438 %	3,628 %	3,385 %	4,872 %	5,786 %
120	2,165 %	3,438 %	3,627 %	3,385 %	4,869 %	5,775 %
121	2,168 %	3,438 %	3,625 %	3,386 %	4,866 %	5,765 %
122	2,170 %	3,438 %	3,624 %	3,386 %	4,863 %	5,754 %
123	2,172 %	3,438 %	3,622 %	3,387 %	4,860 %	5,744 %

Term to maturity (in years)	Swiss franc	Australian dollar	Baht	Canadian dollar	Chilean peso	Colombian peso
124	2,174 %	3,438 %	3,621 %	3,387 %	4,857 %	5,734 %
125	2,177 %	3,438 %	3,620 %	3,388 %	4,854 %	5,724 %
126	2,179 %	3,438 %	3,618 %	3,388 %	4,851 %	5,714 %
127	2,181 %	3,439 %	3,617 %	3,389 %	4,848 %	5,704 %
128	2,183 %	3,439 %	3,616 %	3,389 %	4,846 %	5,695 %
129	2,185 %	3,439 %	3,614 %	3,390 %	4,843 %	5,686 %
130	2,187 %	3,439 %	3,613 %	3,390 %	4,840 %	5,676 %
131	2,189 %	3,439 %	3,612 %	3,391 %	4,838 %	5,667 %
132	2,191 %	3,439 %	3,611 %	3,391 %	4,835 %	5,659 %
133	2,193 %	3,439 %	3,609 %	3,391 %	4,833 %	5,650 %
134	2,195 %	3,439 %	3,608 %	3,392 %	4,830 %	5,641 %
135	2,197 %	3,439 %	3,607 %	3,392 %	4,828 %	5,633 %
136	2,199 %	3,439 %	3,606 %	3,393 %	4,825 %	5,624 %
137	2,200 %	3,439 %	3,605 %	3,393 %	4,823 %	5,616 %
138	2,202 %	3,439 %	3,604 %	3,394 %	4,821 %	5,608 %
139	2,204 %	3,440 %	3,603 %	3,394 %	4,818 %	5,600 %
140	2,206 %	3,440 %	3,601 %	3,394 %	4,816 %	5,592 %
141	2,208 %	3,440 %	3,600 %	3,395 %	4,814 %	5,584 %
142	2,209 %	3,440 %	3,599 %	3,395 %	4,811 %	5,577 %
143	2,211 %	3,440 %	3,598 %	3,396 %	4,809 %	5,569 %
144	2,213 %	3,440 %	3,597 %	3,396 %	4,807 %	5,562 %
145	2,214 %	3,440 %	3,596 %	3,396 %	4,805 %	5,554 %
146	2,216 %	3,440 %	3,595 %	3,397 %	4,803 %	5,547 %
147	2,217 %	3,440 %	3,594 %	3,397 %	4,801 %	5,540 %
148	2,219 %	3,440 %	3,593 %	3,397 %	4,799 %	5,533 %
149	2,221 %	3,440 %	3,592 %	3,398 %	4,797 %	5,526 %
150	2,222 %	3,440 %	3,591 %	3,398 %	4,795 %	5,519 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
1	4,216 %	6,763 %	10,965 %	1,139 %	4,614 %	7,729 %
2	4,321 %	7,093 %	10,418 %	1,242 %	4,733 %	8,236 %
3	4,196 %	7,244 %	9,827 %	1,334 %	4,651 %	8,518 %
4	4,093 %	7,327 %	9,536 %	1,403 %	4,572 %	8,764 %
5	4,044 %	7,358 %	9,439 %	1,462 %	4,507 %	9,021 %
6	3,984 %	7,379 %	9,411 %	1,511 %	4,480 %	9,285 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
7	3,920 %	7,403 %	9,406 %	1,550 %	4,467 %	9,577 %
8	3,864 %	7,428 %	9,400 %	1,581 %	4,458 %	9,827 %
9	3,824 %	7,454 %	9,382 %	1,607 %	4,455 %	10,028 %
10	3,805 %	7,482 %	9,342 %	1,626 %	4,455 %	10,189 %
11	3,807 %	7,492 %	9,277 %	1,653 %	4,460 %	10,316 %
12	3,822 %	7,485 %	9,191 %	1,690 %	4,467 %	10,412 %
13	3,842 %	7,466 %	9,092 %	1,731 %	4,474 %	10,477 %
14	3,862 %	7,438 %	8,984 %	1,776 %	4,481 %	10,512 %
15	3,880 %	7,405 %	8,870 %	1,822 %	4,487 %	10,517 %
16	3,892 %	7,367 %	8,752 %	1,868 %	4,490 %	10,491 %
17	3,899 %	7,326 %	8,633 %	1,915 %	4,491 %	10,442 %
18	3,904 %	7,283 %	8,514 %	1,960 %	4,490 %	10,374 %
19	3,905 %	7,240 %	8,396 %	2,004 %	4,485 %	10,292 %
20	3,904 %	7,196 %	8,280 %	2,048 %	4,477 %	10,199 %
21	3,902 %	7,152 %	8,167 %	2,089 %	4,466 %	10,099 %
22	3,898 %	7,109 %	8,056 %	2,129 %	4,452 %	9,995 %
23	3,893 %	7,066 %	7,949 %	2,168 %	4,437 %	9,888 %
24	3,887 %	7,025 %	7,845 %	2,205 %	4,420 %	9,779 %
25	3,881 %	6,984 %	7,745 %	2,241 %	4,402 %	9,670 %
26	3,874 %	6,945 %	7,649 %	2,275 %	4,383 %	9,562 %
27	3,867 %	6,906 %	7,556 %	2,308 %	4,364 %	9,455 %
28	3,860 %	6,869 %	7,467 %	2,340 %	4,345 %	9,351 %
29	3,852 %	6,833 %	7,381 %	2,370 %	4,326 %	9,249 %
30	3,845 %	6,799 %	7,299 %	2,399 %	4,307 %	9,149 %
31	3,837 %	6,765 %	7,221 %	2,426 %	4,288 %	9,053 %
32	3,830 %	6,733 %	7,146 %	2,453 %	4,269 %	8,960 %
33	3,822 %	6,702 %	7,074 %	2,478 %	4,251 %	8,871 %
34	3,815 %	6,673 %	7,005 %	2,503 %	4,233 %	8,784 %
35	3,807 %	6,644 %	6,939 %	2,526 %	4,216 %	8,701 %
36	3,800 %	6,616 %	6,876 %	2,548 %	4,199 %	8,621 %
37	3,793 %	6,590 %	6,815 %	2,570 %	4,182 %	8,543 %
38	3,787 %	6,564 %	6,757 %	2,590 %	4,166 %	8,469 %
39	3,780 %	6,540 %	6,701 %	2,610 %	4,151 %	8,398 %
40	3,773 %	6,516 %	6,648 %	2,629 %	4,136 %	8,330 %
41	3,767 %	6,494 %	6,597 %	2,647 %	4,121 %	8,264 %
42	3,761 %	6,472 %	6,548 %	2,665 %	4,107 %	8,202 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
43	3,755 %	6,451 %	6,501 %	2,682 %	4,093 %	8,141 %
44	3,749 %	6,431 %	6,456 %	2,698 %	4,080 %	8,083 %
45	3,743 %	6,411 %	6,413 %	2,714 %	4,068 %	8,027 %
46	3,738 %	6,392 %	6,371 %	2,729 %	4,055 %	7,973 %
47	3,732 %	6,374 %	6,331 %	2,743 %	4,043 %	7,922 %
48	3,727 %	6,357 %	6,293 %	2,757 %	4,032 %	7,872 %
49	3,722 %	6,340 %	6,256 %	2,770 %	4,021 %	7,824 %
50	3,717 %	6,324 %	6,220 %	2,783 %	4,010 %	7,778 %
51	3,713 %	6,308 %	6,186 %	2,796 %	3,999 %	7,734 %
52	3,708 %	6,293 %	6,153 %	2,808 %	3,989 %	7,691 %
53	3,704 %	6,279 %	6,121 %	2,820 %	3,980 %	7,650 %
54	3,699 %	6,265 %	6,090 %	2,831 %	3,970 %	7,610 %
55	3,695 %	6,251 %	6,061 %	2,842 %	3,961 %	7,572 %
56	3,691 %	6,238 %	6,032 %	2,852 %	3,952 %	7,535 %
57	3,687 %	6,225 %	6,004 %	2,863 %	3,944 %	7,499 %
58	3,683 %	6,213 %	5,978 %	2,872 %	3,935 %	7,465 %
59	3,679 %	6,201 %	5,952 %	2,882 %	3,927 %	7,431 %
60	3,676 %	6,189 %	5,927 %	2,891 %	3,920 %	7,399 %
61	3,672 %	6,178 %	5,903 %	2,900 %	3,912 %	7,368 %
62	3,669 %	6,167 %	5,879 %	2,909 %	3,905 %	7,338 %
63	3,665 %	6,157 %	5,856 %	2,917 %	3,898 %	7,308 %
64	3,662 %	6,147 %	5,834 %	2,926 %	3,891 %	7,280 %
65	3,659 %	6,137 %	5,813 %	2,934 %	3,884 %	7,252 %
66	3,656 %	6,127 %	5,792 %	2,941 %	3,877 %	7,226 %
67	3,653 %	6,118 %	5,772 %	2,949 %	3,871 %	7,200 %
68	3,650 %	6,109 %	5,753 %	2,956 %	3,865 %	7,175 %
69	3,647 %	6,100 %	5,734 %	2,963 %	3,859 %	7,150 %
70	3,644 %	6,092 %	5,715 %	2,970 %	3,853 %	7,127 %
71	3,642 %	6,083 %	5,697 %	2,977 %	3,848 %	7,104 %
72	3,639 %	6,075 %	5,680 %	2,983 %	3,842 %	7,081 %
73	3,636 %	6,067 %	5,663 %	2,990 %	3,837 %	7,059 %
74	3,634 %	6,060 %	5,647 %	2,996 %	3,832 %	7,038 %
75	3,632 %	6,052 %	5,631 %	3,002 %	3,826 %	7,018 %
76	3,629 %	6,045 %	5,615 %	3,008 %	3,822 %	6,997 %
77	3,627 %	6,038 %	5,600 %	3,013 %	3,817 %	6,978 %
78	3,625 %	6,031 %	5,585 %	3,019 %	3,812 %	6,959 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
79	3,622 %	6,024 %	5,571 %	3,024 %	3,807 %	6,940 %
80	3,620 %	6,018 %	5,557 %	3,030 %	3,803 %	6,922 %
81	3,618 %	6,011 %	5,543 %	3,035 %	3,799 %	6,904 %
82	3,616 %	6,005 %	5,529 %	3,040 %	3,794 %	6,887 %
83	3,614 %	5,999 %	5,516 %	3,045 %	3,790 %	6,870 %
84	3,612 %	5,993 %	5,504 %	3,049 %	3,786 %	6,854 %
85	3,610 %	5,987 %	5,491 %	3,054 %	3,782 %	6,838 %
86	3,609 %	5,982 %	5,479 %	3,059 %	3,778 %	6,822 %
87	3,607 %	5,976 %	5,467 %	3,063 %	3,775 %	6,807 %
88	3,605 %	5,971 %	5,456 %	3,068 %	3,771 %	6,792 %
89	3,603 %	5,965 %	5,444 %	3,072 %	3,767 %	6,777 %
90	3,602 %	5,960 %	5,433 %	3,076 %	3,764 %	6,763 %
91	3,600 %	5,955 %	5,422 %	3,080 %	3,760 %	6,749 %
92	3,598 %	5,950 %	5,412 %	3,084 %	3,757 %	6,736 %
93	3,597 %	5,945 %	5,401 %	3,088 %	3,754 %	6,722 %
94	3,595 %	5,941 %	5,391 %	3,092 %	3,750 %	6,709 %
95	3,594 %	5,936 %	5,381 %	3,096 %	3,747 %	6,696 %
96	3,592 %	5,931 %	5,371 %	3,099 %	3,744 %	6,684 %
97	3,591 %	5,927 %	5,362 %	3,103 %	3,741 %	6,672 %
98	3,589 %	5,923 %	5,353 %	3,107 %	3,738 %	6,659 %
99	3,588 %	5,918 %	5,343 %	3,110 %	3,735 %	6,648 %
100	3,586 %	5,914 %	5,334 %	3,113 %	3,732 %	6,636 %
101	3,585 %	5,910 %	5,326 %	3,117 %	3,730 %	6,625 %
102	3,584 %	5,906 %	5,317 %	3,120 %	3,727 %	6,614 %
103	3,582 %	5,902 %	5,309 %	3,123 %	3,724 %	6,603 %
104	3,581 %	5,898 %	5,300 %	3,126 %	3,722 %	6,592 %
105	3,580 %	5,894 %	5,292 %	3,129 %	3,719 %	6,582 %
106	3,579 %	5,891 %	5,284 %	3,132 %	3,716 %	6,572 %
107	3,577 %	5,887 %	5,276 %	3,135 %	3,714 %	6,561 %
108	3,576 %	5,883 %	5,269 %	3,138 %	3,711 %	6,552 %
109	3,575 %	5,880 %	5,261 %	3,141 %	3,709 %	6,542 %
110	3,574 %	5,876 %	5,254 %	3,144 %	3,707 %	6,532 %
111	3,573 %	5,873 %	5,246 %	3,147 %	3,704 %	6,523 %
112	3,572 %	5,870 %	5,239 %	3,149 %	3,702 %	6,514 %
113	3,571 %	5,866 %	5,232 %	3,152 %	3,700 %	6,505 %
114	3,570 %	5,863 %	5,225 %	3,155 %	3,698 %	6,496 %

Term to maturity (in years)	Hong Kong dollar	Indian rupee	Mexican peso	New Taiwan dollar	New Zealand dollar	Rand
115	3,569 %	5,860 %	5,219 %	3,157 %	3,696 %	6,487 %
116	3,568 %	5,857 %	5,212 %	3,160 %	3,693 %	6,479 %
117	3,567 %	5,854 %	5,205 %	3,162 %	3,691 %	6,470 %
118	3,566 %	5,851 %	5,199 %	3,165 %	3,689 %	6,462 %
119	3,565 %	5,848 %	5,193 %	3,167 %	3,687 %	6,454 %
120	3,564 %	5,845 %	5,186 %	3,169 %	3,685 %	6,446 %
121	3,563 %	5,842 %	5,180 %	3,172 %	3,683 %	6,438 %
122	3,562 %	5,839 %	5,174 %	3,174 %	3,681 %	6,430 %
123	3,561 %	5,837 %	5,168 %	3,176 %	3,680 %	6,423 %
124	3,560 %	5,834 %	5,163 %	3,178 %	3,678 %	6,415 %
125	3,559 %	5,831 %	5,157 %	3,181 %	3,676 %	6,408 %
126	3,558 %	5,829 %	5,151 %	3,183 %	3,674 %	6,401 %
127	3,557 %	5,826 %	5,146 %	3,185 %	3,672 %	6,394 %
128	3,557 %	5,823 %	5,140 %	3,187 %	3,671 %	6,387 %
129	3,556 %	5,821 %	5,135 %	3,189 %	3,669 %	6,380 %
130	3,555 %	5,818 %	5,130 %	3,191 %	3,667 %	6,373 %
131	3,554 %	5,816 %	5,124 %	3,193 %	3,665 %	6,366 %
132	3,553 %	5,814 %	5,119 %	3,195 %	3,664 %	6,360 %
133	3,553 %	5,811 %	5,114 %	3,197 %	3,662 %	6,353 %
134	3,552 %	5,809 %	5,109 %	3,199 %	3,661 %	6,347 %
135	3,551 %	5,807 %	5,104 %	3,201 %	3,659 %	6,340 %
136	3,550 %	5,804 %	5,100 %	3,202 %	3,658 %	6,334 %
137	3,550 %	5,802 %	5,095 %	3,204 %	3,656 %	6,328 %
138	3,549 %	5,800 %	5,090 %	3,206 %	3,655 %	6,322 %
139	3,548 %	5,798 %	5,086 %	3,208 %	3,653 %	6,316 %
140	3,547 %	5,796 %	5,081 %	3,209 %	3,652 %	6,310 %
141	3,547 %	5,794 %	5,076 %	3,211 %	3,650 %	6,305 %
142	3,546 %	5,791 %	5,072 %	3,213 %	3,649 %	6,299 %
143	3,545 %	5,789 %	5,068 %	3,214 %	3,647 %	6,293 %
144	3,545 %	5,787 %	5,063 %	3,216 %	3,646 %	6,288 %
145	3,544 %	5,785 %	5,059 %	3,218 %	3,645 %	6,282 %
146	3,543 %	5,783 %	5,055 %	3,219 %	3,643 %	6,277 %
147	3,543 %	5,782 %	5,051 %	3,221 %	3,642 %	6,272 %
148	3,542 %	5,780 %	5,047 %	3,222 %	3,641 %	6,266 %
149	3,542 %	5,778 %	5,043 %	3,224 %	3,639 %	6,261 %
150	3,541 %	5,776 %	5,039 %	3,225 %	3,638 %	6,256 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
1	12,616 %	1,934 %	3,152 %	10,036 %	3,506 %	4,051 %
2	11,611 %	2,109 %	3,590 %	10,364 %	3,721 %	4,219 %
3	11,337 %	2,254 %	3,839 %	10,488 %	3,746 %	4,174 %
4	11,339 %	2,390 %	4,003 %	10,528 %	3,718 %	4,117 %
5	11,453 %	2,495 %	4,140 %	10,532 %	3,679 %	4,053 %
6	11,593 %	2,577 %	4,260 %	10,516 %	3,637 %	3,976 %
7	11,736 %	2,645 %	4,361 %	10,498 %	3,596 %	3,901 %
8	11,889 %	2,706 %	4,444 %	10,497 %	3,559 %	3,837 %
9	12,028 %	2,765 %	4,517 %	10,499 %	3,527 %	3,781 %
10	12,174 %	2,821 %	4,575 %	10,520 %	3,500 %	3,731 %
11	12,259 %	2,878 %	4,631 %	10,558 %	3,480 %	3,685 %
12	12,280 %	2,933 %	4,686 %	10,626 %	3,464 %	3,643 %
13	12,252 %	2,987 %	4,740 %	10,731 %	3,452 %	3,604 %
14	12,188 %	3,038 %	4,793 %	10,831 %	3,442 %	3,569 %
15	12,096 %	3,088 %	4,848 %	10,886 %	3,435 %	3,538 %
16	11,982 %	3,136 %	4,903 %	10,895 %	3,429 %	3,510 %
17	11,852 %	3,182 %	4,956 %	10,869 %	3,424 %	3,485 %
18	11,711 %	3,225 %	5,005 %	10,814 %	3,420 %	3,463 %
19	11,561 %	3,267 %	5,044 %	10,738 %	3,416 %	3,444 %
20	11,407 %	3,306 %	5,073 %	10,645 %	3,414 %	3,429 %
21	11,251 %	3,344 %	5,088 %	10,539 %	3,412 %	3,416 %
22	11,093 %	3,380 %	5,092 %	10,424 %	3,410 %	3,405 %
23	10,936 %	3,414 %	5,087 %	10,302 %	3,408 %	3,396 %
24	10,782 %	3,447 %	5,075 %	10,177 %	3,407 %	3,389 %
25	10,630 %	3,478 %	5,057 %	10,050 %	3,406 %	3,383 %
26	10,481 %	3,507 %	5,036 %	9,922 %	3,405 %	3,378 %
27	10,337 %	3,536 %	5,011 %	9,795 %	3,405 %	3,374 %
28	10,197 %	3,563 %	4,985 %	9,669 %	3,405 %	3,371 %
29	10,062 %	3,588 %	4,956 %	9,546 %	3,404 %	3,369 %
30	9,931 %	3,613 %	4,927 %	9,426 %	3,404 %	3,367 %
31	9,805 %	3,636 %	4,897 %	9,308 %	3,404 %	3,365 %
32	9,684 %	3,659 %	4,867 %	9,195 %	3,404 %	3,364 %
33	9,568 %	3,680 %	4,836 %	9,085 %	3,404 %	3,364 %
34	9,457 %	3,701 %	4,806 %	8,979 %	3,404 %	3,363 %
35	9,350 %	3,720 %	4,777 %	8,876 %	3,404 %	3,363 %
36	9,247 %	3,739 %	4,748 %	8,777 %	3,405 %	3,364 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
37	9,149 %	3,757 %	4,719 %	8,683 %	3,405 %	3,364 %
38	9,055 %	3,775 %	4,691 %	8,591 %	3,405 %	3,364 %
39	8,965 %	3,791 %	4,664 %	8,504 %	3,406 %	3,365 %
40	8,878 %	3,807 %	4,638 %	8,420 %	3,406 %	3,366 %
41	8,795 %	3,823 %	4,612 %	8,339 %	3,406 %	3,366 %
42	8,716 %	3,837 %	4,588 %	8,261 %	3,407 %	3,367 %
43	8,640 %	3,852 %	4,564 %	8,187 %	3,407 %	3,368 %
44	8,567 %	3,865 %	4,540 %	8,115 %	3,407 %	3,369 %
45	8,496 %	3,878 %	4,518 %	8,046 %	3,408 %	3,370 %
46	8,429 %	3,891 %	4,496 %	7,980 %	3,408 %	3,371 %
47	8,364 %	3,903 %	4,475 %	7,916 %	3,409 %	3,372 %
48	8,302 %	3,915 %	4,455 %	7,855 %	3,409 %	3,373 %
49	8,242 %	3,926 %	4,435 %	7,796 %	3,410 %	3,374 %
50	8,184 %	3,937 %	4,417 %	7,740 %	3,410 %	3,375 %
51	8,129 %	3,948 %	4,398 %	7,685 %	3,411 %	3,376 %
52	8,075 %	3,958 %	4,381 %	7,633 %	3,411 %	3,377 %
53	8,024 %	3,968 %	4,363 %	7,582 %	3,411 %	3,378 %
54	7,974 %	3,977 %	4,347 %	7,533 %	3,412 %	3,379 %
55	7,927 %	3,986 %	4,331 %	7,486 %	3,412 %	3,380 %
56	7,880 %	3,995 %	4,315 %	7,441 %	3,413 %	3,381 %
57	7,836 %	4,004 %	4,301 %	7,397 %	3,413 %	3,382 %
58	7,793 %	4,012 %	4,286 %	7,355 %	3,414 %	3,383 %
59	7,751 %	4,020 %	4,272 %	7,314 %	3,414 %	3,384 %
60	7,711 %	4,028 %	4,258 %	7,274 %	3,415 %	3,385 %
61	7,672 %	4,035 %	4,245 %	7,236 %	3,415 %	3,386 %
62	7,634 %	4,043 %	4,233 %	7,199 %	3,415 %	3,386 %
63	7,598 %	4,050 %	4,220 %	7,163 %	3,416 %	3,387 %
64	7,562 %	4,057 %	4,208 %	7,128 %	3,416 %	3,388 %
65	7,528 %	4,063 %	4,197 %	7,094 %	3,417 %	3,389 %
66	7,495 %	4,070 %	4,185 %	7,061 %	3,417 %	3,390 %
67	7,462 %	4,076 %	4,174 %	7,029 %	3,417 %	3,391 %
68	7,431 %	4,082 %	4,164 %	6,999 %	3,418 %	3,391 %
69	7,401 %	4,088 %	4,153 %	6,969 %	3,418 %	3,392 %
70	7,371 %	4,094 %	4,143 %	6,940 %	3,418 %	3,393 %
71	7,342 %	4,100 %	4,134 %	6,911 %	3,419 %	3,394 %
72	7,315 %	4,105 %	4,124 %	6,884 %	3,419 %	3,394 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
73	7,287 %	4,111 %	4,115 %	6,857 %	3,419 %	3,395 %
74	7,261 %	4,116 %	4,106 %	6,831 %	3,420 %	3,396 %
75	7,235 %	4,121 %	4,097 %	6,806 %	3,420 %	3,397 %
76	7,210 %	4,126 %	4,089 %	6,781 %	3,421 %	3,397 %
77	7,186 %	4,131 %	4,080 %	6,757 %	3,421 %	3,398 %
78	7,162 %	4,135 %	4,072 %	6,734 %	3,421 %	3,399 %
79	7,139 %	4,140 %	4,064 %	6,711 %	3,421 %	3,399 %
80	7,117 %	4,144 %	4,057 %	6,689 %	3,422 %	3,400 %
81	7,095 %	4,149 %	4,049 %	6,667 %	3,422 %	3,400 %
82	7,073 %	4,153 %	4,042 %	6,646 %	3,422 %	3,401 %
83	7,052 %	4,157 %	4,035 %	6,626 %	3,423 %	3,402 %
84	7,032 %	4,161 %	4,028 %	6,606 %	3,423 %	3,402 %
85	7,012 %	4,165 %	4,021 %	6,586 %	3,423 %	3,403 %
86	6,992 %	4,169 %	4,014 %	6,567 %	3,424 %	3,403 %
87	6,973 %	4,173 %	4,008 %	6,548 %	3,424 %	3,404 %
88	6,955 %	4,177 %	4,001 %	6,530 %	3,424 %	3,404 %
89	6,937 %	4,180 %	3,995 %	6,512 %	3,424 %	3,405 %
90	6,919 %	4,184 %	3,989 %	6,494 %	3,425 %	3,405 %
91	6,901 %	4,187 %	3,983 %	6,477 %	3,425 %	3,406 %
92	6,884 %	4,191 %	3,977 %	6,461 %	3,425 %	3,406 %
93	6,868 %	4,194 %	3,972 %	6,444 %	3,425 %	3,407 %
94	6,852 %	4,197 %	3,966 %	6,428 %	3,426 %	3,407 %
95	6,836 %	4,200 %	3,961 %	6,413 %	3,426 %	3,408 %
96	6,820 %	4,203 %	3,955 %	6,397 %	3,426 %	3,408 %
97	6,805 %	4,207 %	3,950 %	6,382 %	3,426 %	3,408 %
98	6,790 %	4,210 %	3,945 %	6,368 %	3,427 %	3,409 %
99	6,775 %	4,212 %	3,940 %	6,353 %	3,427 %	3,409 %
100	6,761 %	4,215 %	3,935 %	6,339 %	3,427 %	3,410 %
101	6,747 %	4,218 %	3,930 %	6,325 %	3,427 %	3,410 %
102	6,733 %	4,221 %	3,926 %	6,312 %	3,427 %	3,410 %
103	6,720 %	4,224 %	3,921 %	6,298 %	3,428 %	3,411 %
104	6,706 %	4,226 %	3,916 %	6,285 %	3,428 %	3,411 %
105	6,693 %	4,229 %	3,912 %	6,272 %	3,428 %	3,412 %
106	6,681 %	4,231 %	3,908 %	6,260 %	3,428 %	3,412 %
107	6,668 %	4,234 %	3,903 %	6,248 %	3,428 %	3,412 %
108	6,656 %	4,236 %	3,899 %	6,235 %	3,429 %	3,413 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
109	6,644 %	4,239 %	3,895 %	6,224 %	3,429 %	3,413 %
110	6,632 %	4,241 %	3,891 %	6,212 %	3,429 %	3,413 %
111	6,620 %	4,243 %	3,887 %	6,201 %	3,429 %	3,414 %
112	6,609 %	4,246 %	3,883 %	6,189 %	3,429 %	3,414 %
113	6,598 %	4,248 %	3,879 %	6,178 %	3,430 %	3,414 %
114	6,587 %	4,250 %	3,875 %	6,167 %	3,430 %	3,415 %
115	6,576 %	4,252 %	3,872 %	6,157 %	3,430 %	3,415 %
116	6,565 %	4,255 %	3,868 %	6,146 %	3,430 %	3,415 %
117	6,555 %	4,257 %	3,864 %	6,136 %	3,430 %	3,415 %
118	6,544 %	4,259 %	3,861 %	6,126 %	3,430 %	3,416 %
119	6,534 %	4,261 %	3,857 %	6,116 %	3,431 %	3,416 %
120	6,524 %	4,263 %	3,854 %	6,106 %	3,431 %	3,416 %
121	6,515 %	4,265 %	3,851 %	6,097 %	3,431 %	3,417 %
122	6,505 %	4,267 %	3,847 %	6,087 %	3,431 %	3,417 %
123	6,496 %	4,268 %	3,844 %	6,078 %	3,431 %	3,417 %
124	6,486 %	4,270 %	3,841 %	6,069 %	3,431 %	3,417 %
125	6,477 %	4,272 %	3,838 %	6,060 %	3,431 %	3,418 %
126	6,468 %	4,274 %	3,835 %	6,051 %	3,432 %	3,418 %
127	6,459 %	4,276 %	3,832 %	6,042 %	3,432 %	3,418 %
128	6,451 %	4,277 %	3,829 %	6,034 %	3,432 %	3,418 %
129	6,442 %	4,279 %	3,826 %	6,025 %	3,432 %	3,419 %
130	6,434 %	4,281 %	3,823 %	6,017 %	3,432 %	3,419 %
131	6,425 %	4,283 %	3,820 %	6,009 %	3,432 %	3,419 %
132	6,417 %	4,284 %	3,817 %	6,001 %	3,432 %	3,419 %
133	6,409 %	4,286 %	3,815 %	5,993 %	3,433 %	3,420 %
134	6,401 %	4,287 %	3,812 %	5,985 %	3,433 %	3,420 %
135	6,393 %	4,289 %	3,809 %	5,977 %	3,433 %	3,420 %
136	6,386 %	4,291 %	3,806 %	5,970 %	3,433 %	3,420 %
137	6,378 %	4,292 %	3,804 %	5,962 %	3,433 %	3,420 %
138	6,371 %	4,294 %	3,801 %	5,955 %	3,433 %	3,421 %
139	6,363 %	4,295 %	3,799 %	5,947 %	3,433 %	3,421 %
140	6,356 %	4,297 %	3,796 %	5,940 %	3,433 %	3,421 %
141	6,349 %	4,298 %	3,794 %	5,933 %	3,434 %	3,421 %
142	6,342 %	4,299 %	3,791 %	5,926 %	3,434 %	3,422 %
143	6,335 %	4,301 %	3,789 %	5,919 %	3,434 %	3,422 %
144	6,328 %	4,302 %	3,787 %	5,913 %	3,434 %	3,422 %

Term to maturity (in years)	Real	Renminbi-yuan	Ringgit	Russian rouble	Singapore dollar	South Korean won
145	6,321 %	4,304 %	3,784 %	5,906 %	3,434 %	3,422 %
146	6,314 %	4,305 %	3,782 %	5,899 %	3,434 %	3,422 %
147	6,308 %	4,306 %	3,780 %	5,893 %	3,434 %	3,423 %
148	6,301 %	4,308 %	3,778 %	5,887 %	3,434 %	3,423 %
149	6,295 %	4,309 %	3,775 %	5,880 %	3,434 %	3,423 %
150	6,289 %	4,310 %	3,773 %	5,874 %	3,434 %	3,423 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
1	14,772 %	4,529 %	- 0,216 %
2	13,240 %	4,493 %	- 0,159 %
3	11,771 %	4,294 %	- 0,134 %
4	10,775 %	4,147 %	- 0,087 %
5	10,259 %	4,052 %	- 0,025 %
6	10,164 %	3,973 %	0,039 %
7	10,430 %	3,908 %	0,096 %
8	11,005 %	3,852 %	0,143 %
9	11,791 %	3,804 %	0,190 %
10	12,447 %	3,771 %	0,249 %
11	12,927 %	3,743 %	0,321 %
12	13,271 %	3,723 %	0,405 %
13	13,508 %	3,712 %	0,493 %
14	13,657 %	3,704 %	0,579 %
15	13,736 %	3,692 %	0,660 %
16	13,758 %	3,672 %	0,735 %
17	13,732 %	3,645 %	0,804 %
18	13,668 %	3,612 %	0,867 %
19	13,573 %	3,573 %	0,926 %
20	13,453 %	3,531 %	0,980 %
21	13,314 %	3,486 %	1,031 %
22	13,160 %	3,439 %	1,081 %
23	12,996 %	3,392 %	1,126 %
24	12,825 %	3,348 %	1,168 %
25	12,649 %	3,306 %	1,204 %
26	12,472 %	3,266 %	1,236 %
27	12,294 %	3,228 %	1,266 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
28	12,118 %	3,188 %	1,294 %
29	11,945 %	3,147 %	1,323 %
30	11,775 %	3,101 %	1,353 %
31	11,609 %	3,052 %	1,386 %
32	11,449 %	3,000 %	1,422 %
33	11,293 %	2,948 %	1,458 %
34	11,142 %	2,896 %	1,495 %
35	10,997 %	2,845 %	1,533 %
36	10,857 %	2,797 %	1,571 %
37	10,723 %	2,751 %	1,608 %
38	10,593 %	2,709 %	1,645 %
39	10,469 %	2,670 %	1,682 %
40	10,350 %	2,634 %	1,718 %
41	10,236 %	2,602 %	1,753 %
42	10,126 %	2,573 %	1,788 %
43	10,021 %	2,547 %	1,821 %
44	9,919 %	2,525 %	1,854 %
45	9,822 %	2,506 %	1,886 %
46	9,729 %	2,490 %	1,917 %
47	9,639 %	2,477 %	1,947 %
48	9,553 %	2,468 %	1,976 %
49	9,471 %	2,461 %	2,004 %
50	9,391 %	2,457 %	2,032 %
51	9,314 %	2,456 %	2,058 %
52	9,241 %	2,457 %	2,084 %
53	9,169 %	2,460 %	2,109 %
54	9,101 %	2,465 %	2,133 %
55	9,035 %	2,471 %	2,157 %
56	8,971 %	2,479 %	2,180 %
57	8,910 %	2,487 %	2,202 %
58	8,850 %	2,496 %	2,223 %
59	8,793 %	2,505 %	2,244 %
60	8,737 %	2,515 %	2,264 %
61	8,684 %	2,525 %	2,284 %
62	8,632 %	2,535 %	2,303 %
63	8,581 %	2,546 %	2,322 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
64	8,533 %	2,557 %	2,340 %
65	8,485 %	2,567 %	2,357 %
66	8,439 %	2,578 %	2,374 %
67	8,395 %	2,589 %	2,391 %
68	8,352 %	2,599 %	2,407 %
69	8,310 %	2,610 %	2,422 %
70	8,270 %	2,620 %	2,437 %
71	8,230 %	2,630 %	2,452 %
72	8,192 %	2,640 %	2,466 %
73	8,154 %	2,650 %	2,480 %
74	8,118 %	2,660 %	2,494 %
75	8,083 %	2,670 %	2,507 %
76	8,048 %	2,679 %	2,520 %
77	8,015 %	2,689 %	2,533 %
78	7,982 %	2,698 %	2,545 %
79	7,950 %	2,707 %	2,557 %
80	7,920 %	2,716 %	2,569 %
81	7,889 %	2,724 %	2,580 %
82	7,860 %	2,733 %	2,591 %
83	7,831 %	2,741 %	2,602 %
84	7,803 %	2,749 %	2,613 %
85	7,776 %	2,757 %	2,623 %
86	7,749 %	2,765 %	2,633 %
87	7,723 %	2,773 %	2,643 %
88	7,697 %	2,780 %	2,653 %
89	7,672 %	2,788 %	2,662 %
90	7,648 %	2,795 %	2,672 %
91	7,624 %	2,802 %	2,681 %
92	7,601 %	2,809 %	2,690 %
93	7,578 %	2,816 %	2,698 %
94	7,556 %	2,822 %	2,707 %
95	7,534 %	2,829 %	2,715 %
96	7,512 %	2,835 %	2,723 %
97	7,492 %	2,842 %	2,731 %
98	7,471 %	2,848 %	2,739 %
99	7,451 %	2,854 %	2,747 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
100	7,431 %	2,860 %	2,754 %
101	7,412 %	2,865 %	2,761 %
102	7,393 %	2,871 %	2,769 %
103	7,374 %	2,877 %	2,776 %
104	7,356 %	2,882 %	2,783 %
105	7,338 %	2,888 %	2,789 %
106	7,321 %	2,893 %	2,796 %
107	7,304 %	2,898 %	2,803 %
108	7,287 %	2,903 %	2,809 %
109	7,270 %	2,908 %	2,815 %
110	7,254 %	2,913 %	2,822 %
111	7,238 %	2,918 %	2,828 %
112	7,223 %	2,923 %	2,834 %
113	7,207 %	2,927 %	2,840 %
114	7,192 %	2,932 %	2,845 %
115	7,177 %	2,936 %	2,851 %
116	7,163 %	2,941 %	2,857 %
117	7,148 %	2,945 %	2,862 %
118	7,134 %	2,949 %	2,868 %
119	7,121 %	2,954 %	2,873 %
120	7,107 %	2,958 %	2,878 %
121	7,094 %	2,962 %	2,883 %
122	7,080 %	2,966 %	2,888 %
123	7,067 %	2,970 %	2,893 %
124	7,055 %	2,973 %	2,898 %
125	7,042 %	2,977 %	2,903 %
126	7,030 %	2,981 %	2,908 %
127	7,018 %	2,985 %	2,912 %
128	7,006 %	2,988 %	2,917 %
129	6,994 %	2,992 %	2,921 %
130	6,982 %	2,995 %	2,926 %
131	6,971 %	2,999 %	2,930 %
132	6,960 %	3,002 %	2,934 %
133	6,949 %	3,006 %	2,939 %
134	6,938 %	3,009 %	2,943 %
135	6,927 %	3,012 %	2,947 %

Term to maturity (in years)	Turkish lira	US dollar	Yen
136	6,917 %	3,015 %	2,951 %
137	6,906 %	3,019 %	2,955 %
138	6,896 %	3,022 %	2,959 %
139	6,886 %	3,025 %	2,963 %
140	6,876 %	3,028 %	2,967 %
141	6,866 %	3,031 %	2,970 %
142	6,856 %	3,034 %	2,974 %
143	6,847 %	3,037 %	2,978 %
144	6,837 %	3,040 %	2,981 %
145	6,828 %	3,042 %	2,985 %
146	6,819 %	3,045 %	2,989 %
147	6,810 %	3,048 %	2,992 %
148	6,801 %	3,051 %	2,995 %
149	6,792 %	3,053 %	2,999 %
150	6,784 %	3,056 %	3,002 %

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	29	5	0	22	0
2	0	0	36	5	0	37	0
3	0	0	41	5	0	42	0
4	0	1	44	5	2	43	0
5	0	3	48	5	3	46	0
6	0	4	50	5	5	49	0
7	1	5	53	5	8	50	0
8	2	6	54	4	10	50	0
9	2	7	56	5	11	48	0
10	3	7	58	5	12	47	0

Duration (in years)	Estonia	Finland	France	Germany	Greece	Hungary	Ireland
1	0	0	0	0	357	4	14
2	0	0	0	0	223	4	20
3	0	0	0	0	199	4	22
4	1	0	0	0	174	4	23
5	3	0	0	0	160	4	24
6	4	0	0	0	157	4	25
7	5	0	0	0	155	4	26
8	6	0	1	0	159	3	27
9	7	0	2	0	161	1	28
10	7	0	3	0	163	4	28

Duration (in years)	Italy	Latvia	Lithuania	Luxembourg	Malta	Netherlands	Poland
1	6	4	4	0	14	0	4
2	14	9	10	0	20	0	4

Duration (in years)	Italy	Latvia	Lithuania	Luxembourg	Malta	Netherlands	Poland
3	18	12	13	0	22	0	4
4	21	14	15	0	23	0	4
5	23	16	18	0	24	0	4
6	25	17	19	0	25	0	4
7	27	19	21	0	26	0	4
8	28	20	22	0	27	0	4
9	30	21	23	1	28	0	4
10	31	22	24	2	28	0	4

Duration (in years)	Portugal	Romania	Slovakia	Slovenia	Spain	Sweden	United Kingdom
1	22	9	11	16	4	0	0
2	37	15	14	19	10	0	0
3	42	18	16	23	13	0	0
4	43	19	17	27	15	0	0
5	46	20	18	30	18	0	0
6	49	21	20	33	19	0	0
7	50	22	21	35	21	0	0
8	50	24	22	36	22	0	0
9	48	25	23	37	23	0	0
10	47	23	23	37	24	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	18
3	0	0	0	0	12	0	17
4	0	0	0	0	12	0	17
5	0	0	0	0	12	0	15
6	0	0	0	0	12	0	14
7	0	0	0	0	12	0	14
8	0	0	0	0	12	0	14
9	0	0	0	0	12	0	15
10	0	0	0	0	12	0	13

Duration (in years)	China	Colombia	Hong Kong	India	Japan	Malaysia	Mexico
1	0	12	0	10	0	0	9
2	1	18	0	10	0	0	9
3	2	27	0	10	0	0	10
4	3	34	0	10	0	0	10
5	3	36	0	10	0	0	10
6	4	39	0	10	0	0	10
7	4	40	0	10	0	0	10
8	7	39	0	10	0	0	10
9	5	36	0	10	1	0	10
10	5	38	0	10	1	0	10

Duration (in years)	New Zealand	Russia	Singapore	South Africa	South Korea	Thailand	Taiwan
1	0	0	0	7	9	1	4
2	0	0	0	10	11	0	4
3	0	0	0	11	12	0	4
4	0	0	0	12	14	0	4
5	0	2	0	12	15	0	4
6	0	5	0	14	15	0	4
7	0	7	0	16	15	0	4
8	0	11	0	18	15	0	4
9	0	16	0	19	15	0	4
10	0	16	0	20	15	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	7	19	42	111	224	517	1 273
2	7	19	42	111	224	517	1 024
3	8	22	44	105	220	513	833
4	9	24	46	108	219	512	688
5	10	26	51	111	219	512	577
6	11	28	55	116	219	512	512
7	12	31	57	118	219	512	512
8	12	31	56	117	219	512	512
9	13	32	56	117	219	512	512
10	13	33	57	117	219	512	512
11	14	34	57	117	219	512	512
12	14	35	57	117	219	512	512
13	15	36	57	117	219	512	512
14	15	36	57	117	219	512	512
15	15	36	57	117	219	512	512
16	15	36	57	117	219	512	512
17	15	36	57	117	219	512	512
18	15	36	57	117	219	512	512
19	15	36	57	117	219	512	512
20	15	36	57	117	219	512	512
21	17	36	57	117	219	512	512
22	18	36	57	117	219	512	512
23	18	36	57	117	219	512	512
24	19	36	57	117	219	512	512
25	19	36	57	117	219	512	512
26	20	36	57	117	219	512	512
27	20	36	57	117	219	512	512
28	21	36	57	117	219	512	512
29	22	36	57	117	219	512	512
30	23	36	57	117	219	512	512

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	17	30	53	122	235	528	1 361
2	19	32	55	123	236	529	1 087
3	20	34	56	118	233	526	879
4	21	36	59	120	232	524	722
5	22	38	63	123	231	524	603
6	22	39	65	126	230	523	523
7	22	40	66	128	229	522	522
8	22	40	66	126	229	521	521
9	21	41	65	125	228	521	521
10	21	41	65	125	227	520	520
11	21	42	65	124	227	520	520
12	21	42	64	124	226	519	519
13	21	42	63	123	226	518	518
14	21	42	63	123	225	518	518
15	20	41	62	122	225	518	518
16	20	41	62	122	224	517	517
17	19	41	62	122	224	517	517
18	19	41	62	122	224	517	517
19	20	41	62	122	224	517	517
20	20	41	62	122	225	517	517
21	20	42	63	122	225	518	518
22	20	42	63	123	225	518	518
23	20	42	63	123	225	518	518
24	20	42	63	123	225	518	518
25	20	42	63	123	225	518	518
26	20	42	63	123	225	518	518
27	22	42	63	122	225	518	518
28	22	42	63	122	225	518	518
29	23	41	62	122	225	518	518
30	23	41	62	122	225	517	517

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	19	42	111	224	517	1 272
2	6	19	42	111	224	517	1 024
3	7	21	43	105	220	513	832
4	9	24	46	108	219	512	688
5	10	26	51	111	219	512	577
6	11	28	54	116	219	512	512
7	12	30	56	118	219	512	512
8	12	31	56	117	219	512	512
9	12	32	56	117	219	512	512
10	13	33	57	117	219	512	512
11	14	34	57	117	219	512	512
12	14	35	57	117	219	512	512
13	14	36	57	117	219	512	512
14	15	36	57	117	219	512	512
15	15	36	57	117	219	512	512
16	15	36	57	117	219	512	512
17	15	36	57	117	219	512	512
18	15	36	57	117	219	512	512
19	15	36	57	117	219	512	512
20	15	36	57	117	219	512	512
21	17	36	57	117	219	512	512
22	18	36	57	117	219	512	512
23	18	36	57	117	219	512	512
24	19	36	57	117	219	512	512
25	19	36	57	117	219	512	512
26	20	36	57	117	219	512	512
27	20	36	57	117	219	512	512
28	21	36	57	117	219	512	512
29	22	36	57	117	219	512	512
30	23	36	57	117	219	512	512

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	78	91	113	182	295	588	1 486
2	75	88	110	179	292	585	1 185
3	78	92	114	176	291	584	956
4	78	93	115	177	289	581	784
5	78	94	119	178	287	579	653
6	77	94	120	181	285	578	578
7	76	95	121	182	283	576	576
8	75	94	119	180	282	575	575
9	75	94	119	179	281	574	574
10	72	92	116	175	278	571	571
11	70	91	113	173	276	569	569
12	69	90	112	172	275	567	567
13	69	90	112	171	274	567	567
14	69	90	111	171	273	566	566
15	69	90	111	171	273	566	566
16	68	89	110	170	273	566	566
17	68	89	110	170	272	565	565
18	67	89	110	169	272	565	565
19	67	88	109	169	271	564	564
20	66	87	108	168	271	564	564
21	65	87	108	168	270	563	563
22	65	86	107	167	269	562	562
23	64	85	106	166	268	561	561
24	63	84	105	165	267	560	560
25	62	83	104	164	266	559	559
26	61	82	103	163	265	558	558
27	60	81	102	162	264	557	557
28	59	80	101	161	263	556	556
29	58	79	100	160	262	555	555
30	57	78	99	159	261	554	554

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	11	24	46	115	228	521	1 288
2	12	25	48	117	230	523	1 032
3	14	28	50	112	227	520	839
4	16	31	54	115	227	520	692
5	18	34	59	119	227	520	581
6	19	36	62	123	227	520	520
7	20	38	64	125	227	519	519
8	19	38	63	124	226	519	519
9	19	38	63	123	226	519	519
10	19	39	63	123	225	518	518
11	20	40	63	123	225	518	518
12	20	41	63	123	225	518	518
13	20	42	63	123	225	518	518
14	21	42	63	123	225	518	518
15	21	42	63	123	225	518	518
16	21	42	63	123	225	518	518
17	21	42	63	123	225	518	518
18	21	42	63	123	226	518	518
19	21	43	64	123	226	519	519
20	22	43	64	124	226	519	519
21	22	43	64	124	227	520	520
22	22	44	65	125	227	520	520
23	22	44	65	125	227	520	520
24	23	44	65	125	227	520	520
25	23	44	65	125	227	520	520
26	23	44	65	125	227	520	520
27	22	44	65	125	227	520	520
28	22	44	65	124	227	520	520
29	22	44	65	124	227	520	520
30	23	43	64	124	227	520	520

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	46	59	82	150	263	556	1 267
2	49	62	85	154	267	560	1 021
3	55	68	91	152	267	560	833
4	58	73	96	157	269	561	690
5	60	76	101	161	269	562	580
6	62	79	105	166	270	562	562
7	62	81	106	168	269	562	562
8	62	80	106	167	269	561	561
9	61	80	105	165	268	560	560
10	60	80	104	164	266	559	559
11	60	80	103	163	265	558	558
12	59	80	102	162	264	557	557
13	58	79	101	160	263	556	556
14	57	79	100	159	262	555	555
15	56	78	99	158	261	554	554
16	56	77	98	158	260	553	553
17	55	76	97	157	260	552	552
18	54	76	97	157	259	552	552
19	54	75	96	156	259	551	551
20	53	75	96	156	258	551	551
21	53	74	95	155	258	550	550
22	52	74	95	154	257	550	550
23	52	73	94	154	256	549	549
24	51	72	93	153	255	548	548
25	50	71	92	152	255	547	547
26	49	70	91	151	254	547	547
27	48	70	91	150	253	546	546
28	48	69	90	150	252	545	545
29	47	68	89	149	251	544	544
30	46	67	88	148	251	543	543

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	6	18	41	110	223	516	1 272
2	6	18	41	110	223	516	1 023
3	7	21	43	105	220	512	832
4	8	23	46	107	219	511	687
5	9	26	50	110	218	511	577
6	10	28	54	115	218	511	511
7	12	30	56	117	218	511	511
8	12	30	56	116	218	511	511
9	12	31	56	116	218	511	511
10	12	32	56	116	218	511	511
11	13	34	56	116	218	511	511
12	13	34	56	116	218	511	511
13	14	35	56	116	218	511	511
14	14	35	56	116	218	511	511
15	14	35	56	116	218	511	511
16	14	35	56	116	218	511	511
17	14	35	56	116	218	511	511
18	14	35	56	116	218	511	511
19	15	35	56	116	218	511	511
20	15	35	56	116	218	511	511
21	17	35	56	116	218	511	511
22	17	35	56	116	218	511	511
23	18	35	56	116	218	511	511
24	19	35	56	116	219	511	511
25	19	35	56	116	219	511	511
26	20	35	56	116	219	511	511
27	20	35	56	116	219	511	511
28	21	35	56	116	219	511	511
29	22	35	56	116	219	511	511
30	23	35	56	116	219	511	511

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	8	24	52	141	242	535	1 326
2	8	24	52	141	242	535	1 067
3	9	26	52	128	238	531	866
4	10	28	54	120	237	529	714
5	12	30	56	110	235	528	598
6	14	33	59	104	234	527	527
7	16	36	60	98	233	526	526
8	18	38	59	92	232	525	525
9	20	44	62	87	231	524	524
10	20	44	61	84	230	523	523
11	19	43	59	85	230	522	522
12	18	43	60	86	229	522	522
13	19	43	61	87	228	521	521
14	19	43	61	87	227	520	520
15	19	43	61	87	227	519	519
16	19	43	61	87	225	518	518
17	19	43	61	87	225	517	517
18	19	44	61	87	224	517	517
19	19	44	61	87	224	517	517
20	19	44	61	87	224	517	517
21	19	44	61	87	224	517	517
22	19	44	61	87	224	517	517
23	19	44	61	87	223	516	516
24	19	44	61	87	223	516	516
25	19	44	61	87	222	515	515
26	20	44	61	87	222	514	514
27	21	44	61	87	221	514	514
28	22	44	61	87	221	513	513
29	23	44	61	87	220	513	513
30	23	44	61	87	219	512	512

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	85	97	120	189	302	595	1 382
2	83	96	119	188	301	593	1 113
3	83	97	119	181	296	588	906
4	83	98	120	181	293	586	749
5	82	98	123	182	291	584	628
6	81	98	124	185	289	582	582
7	80	98	124	186	287	580	580
8	78	97	122	183	285	577	577
9	76	95	120	180	283	576	576
10	75	95	119	179	281	574	574
11	74	95	117	177	280	573	573
12	73	94	116	176	278	571	571
13	72	93	115	174	277	570	570
14	71	92	113	173	275	568	568
15	70	91	112	172	274	567	567
16	68	90	111	171	273	566	566
17	67	89	110	170	272	565	565
18	67	88	109	169	271	564	564
19	66	87	108	168	270	563	563
20	65	86	107	167	270	562	562
21	64	85	106	166	269	561	561
22	63	84	105	165	268	560	560
23	62	83	104	164	267	559	559
24	61	82	103	163	265	558	558
25	60	81	102	162	264	557	557
26	59	80	101	161	263	556	556
27	58	79	100	160	262	555	555
28	57	78	99	159	261	554	554
29	55	77	98	158	260	553	553
30	54	76	97	157	259	552	552

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	57	70	93	162	275	567	1 367
2	56	69	92	161	274	567	1 099
3	57	71	93	155	270	562	893
4	57	72	95	156	268	561	737
5	57	73	98	158	266	559	618
6	57	74	100	161	265	558	558
7	57	75	101	162	263	556	556
8	55	74	99	160	262	555	555
9	54	73	98	158	261	554	554
10	53	74	97	157	260	552	552
11	53	74	96	156	259	552	552
12	53	74	96	155	258	551	551
13	52	74	95	155	257	550	550
14	52	73	94	154	257	550	550
15	52	73	94	154	256	549	549
16	51	72	93	153	255	548	548
17	50	71	93	152	255	548	548
18	50	71	92	152	254	547	547
19	49	71	92	151	254	547	547
20	49	70	91	151	254	547	547
21	49	70	91	151	253	546	546
22	48	70	91	150	253	546	546
23	48	69	90	150	252	545	545
24	47	68	89	149	252	545	545
25	46	68	89	149	251	544	544
26	46	67	88	148	250	543	543
27	45	66	87	147	250	543	543
28	44	66	87	146	249	542	542
29	44	65	86	146	248	541	541
30	43	64	85	145	248	540	540

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	32	44	67	136	249	542	1 296
2	32	45	68	137	250	543	1 038
3	33	46	69	130	245	538	843
4	33	48	71	132	244	536	695
5	34	50	75	134	243	536	583
6	34	51	77	138	242	535	535
7	34	52	78	140	241	534	534
8	33	52	77	138	240	533	533
9	33	52	77	137	240	532	532
10	33	53	76	136	239	532	532
11	33	53	76	136	238	531	531
12	32	53	75	135	238	530	530
13	32	53	75	134	237	530	530
14	32	53	74	134	236	529	529
15	31	53	74	133	236	529	529
16	30	52	73	133	235	528	528
17	30	51	73	132	235	528	528
18	30	51	72	132	235	527	527
19	30	51	72	132	234	527	527
20	30	51	72	132	234	527	527
21	30	51	72	132	235	527	527
22	30	51	72	132	234	527	527
23	30	51	72	132	234	527	527
24	29	51	72	132	234	527	527
25	29	51	72	131	234	527	527
26	29	50	71	131	234	526	526
27	29	50	71	131	233	526	526
28	28	50	71	130	233	526	526
29	28	49	70	130	233	525	525
30	28	49	70	130	232	525	525

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	4	24	93	206	499	1 235
2	1	5	25	94	207	499	991
3	2	5	26	88	203	496	806
4	2	7	29	91	202	495	666
5	4	9	34	94	202	495	559
6	4	11	37	99	202	495	495
7	5	13	39	101	202	495	495
8	7	14	39	100	202	495	495
9	7	15	39	99	202	495	495
10	8	16	39	99	202	495	495
11	9	18	41	101	203	496	496
12	9	18	39	99	202	495	495
13	10	19	40	100	203	495	495
14	11	19	40	100	202	495	495
15	12	18	39	99	201	494	494
16	13	17	38	98	200	493	493
17	13	17	38	98	200	493	493
18	14	17	38	98	200	493	493
19	15	18	39	98	201	494	494
20	15	18	39	99	201	494	494
21	16	19	39	99	202	494	494
22	17	20	39	99	202	494	494
23	18	21	39	99	202	494	494
24	18	21	39	99	201	494	494
25	19	22	39	99	201	494	494
26	19	23	39	99	201	494	494
27	20	23	39	98	201	494	494
28	20	25	40	98	201	494	494
29	21	25	41	98	201	494	494
30	23	26	42	98	201	494	494

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	45	58	81	149	262	555	1 304
2	45	58	81	150	263	555	1 047
3	46	60	82	144	259	551	851
4	46	61	84	145	257	550	703
5	47	63	88	148	256	549	590
6	47	64	91	152	255	548	548
7	48	66	92	153	254	547	547
8	47	65	91	151	253	546	546
9	46	65	90	150	253	545	545
10	46	66	89	149	252	545	545
11	46	66	89	149	251	544	544
12	45	66	88	148	250	543	543
13	45	66	87	147	250	543	543
14	45	66	87	147	249	542	542
15	44	65	86	146	249	541	541
16	43	64	86	145	248	541	541
17	43	64	85	145	247	540	540
18	42	64	85	144	247	540	540
19	42	63	84	144	246	539	539
20	42	63	84	144	246	539	539
21	41	63	84	143	246	539	539
22	41	62	83	143	245	538	538
23	40	62	83	142	245	538	538
24	40	61	82	142	244	537	537
25	39	60	81	141	244	536	536
26	38	60	81	140	243	536	536
27	38	59	80	140	242	535	535
28	37	58	79	139	241	534	534
29	36	57	78	138	241	533	533
30	35	57	78	137	240	533	533

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	18	30	53	122	235	528	1 255
2	21	34	57	126	239	531	1 010
3	25	39	61	123	238	531	824
4	29	44	66	128	239	532	682
5	31	47	72	132	240	533	574
6	31	48	74	135	239	532	532
7	35	53	79	141	242	535	535
8	34	53	78	139	241	534	534
9	35	54	79	139	242	535	535
10	37	57	80	140	243	536	536
11	38	59	82	141	244	537	537
12	39	60	82	142	245	537	537
13	40	61	83	142	245	538	538
14	41	62	83	143	245	538	538
15	41	62	83	143	245	538	538
16	40	62	83	143	245	538	538
17	41	62	83	143	245	538	538
18	40	61	82	142	245	537	537
19	40	61	82	142	244	537	537
20	40	61	82	142	244	537	537
21	40	61	82	142	244	537	537
22	40	61	82	142	244	537	537
23	39	61	82	141	244	537	537
24	39	60	81	141	243	536	536
25	38	60	81	141	243	536	536
26	38	59	80	140	242	535	535
27	37	59	80	140	242	535	535
28	37	58	79	139	241	534	534
29	36	58	79	138	241	534	534
30	36	57	78	138	240	533	533

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	18	31	54	123	236	528	1 309
2	19	32	55	124	237	529	1 047
3	21	35	57	119	234	527	849
4	23	38	60	122	233	526	699
5	24	40	65	125	233	526	585
6	25	42	69	130	233	526	526
7	26	44	70	132	233	526	526
8	26	45	70	131	233	526	526
9	26	46	70	131	233	526	526
10	27	47	71	131	233	526	526
11	28	48	71	131	233	526	526
12	28	49	71	131	233	526	526
13	29	50	71	131	233	526	526
14	29	50	71	131	233	526	526
15	29	50	71	131	233	526	526
16	29	50	71	131	233	526	526
17	29	50	71	131	233	526	526
18	29	50	71	131	233	526	526
19	29	50	71	131	233	526	526
20	29	50	71	131	233	526	526
21	29	50	71	131	233	526	526
22	28	50	71	130	233	526	526
23	28	49	70	130	232	525	525
24	27	49	70	130	232	525	525
25	27	48	69	129	231	524	524
26	26	48	69	129	231	524	524
27	26	47	68	128	231	523	523
28	26	47	68	128	230	523	523
29	25	46	67	127	230	523	523
30	25	46	67	127	229	522	522

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	52	65	88	157	270	562	1 428
2	55	67	90	159	272	565	1 125
3	58	72	94	156	271	564	906
4	61	76	98	160	271	564	744
5	63	79	104	164	272	565	622
6	64	81	108	169	272	565	565
7	65	84	110	171	272	565	565
8	65	84	109	170	272	565	565
9	65	85	109	169	272	565	565
10	66	86	109	169	272	565	565
11	66	87	109	169	272	565	565
12	66	87	109	169	271	564	564
13	66	87	108	168	270	563	563
14	65	86	107	167	270	563	563
15	64	86	107	166	269	562	562
16	64	85	106	166	268	561	561
17	63	84	105	165	268	560	560
18	62	84	105	165	267	560	560
19	62	83	104	164	266	559	559
20	61	82	103	163	266	559	559
21	60	82	103	163	265	558	558
22	60	81	102	162	264	557	557
23	59	80	101	161	263	556	556
24	58	79	100	160	262	555	555
25	57	78	99	159	261	554	554
26	56	77	98	158	261	553	553
27	55	76	97	157	260	552	552
28	54	75	96	156	259	552	552
29	53	74	95	155	258	551	551
30	52	74	95	154	257	550	550

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	82	95	118	187	300	593	1 447
2	87	100	123	192	305	598	1 167
3	90	104	126	188	303	595	953
4	91	106	129	190	302	595	789
5	95	111	136	196	304	597	663
6	97	114	140	201	305	598	598
7	99	117	143	204	306	598	598
8	100	119	144	205	307	600	600
9	101	120	145	205	308	600	600
10	102	122	145	205	308	601	601
11	102	123	145	205	308	600	600
12	102	123	145	204	307	600	600
13	101	122	143	203	306	598	598
14	100	121	142	202	304	597	597
15	98	120	141	200	303	596	596
16	97	118	139	199	302	594	594
17	96	117	138	198	300	593	593
18	94	116	137	196	299	592	592
19	93	114	135	195	298	590	590
20	92	113	134	194	296	589	589
21	90	111	133	192	295	588	588
22	89	110	131	191	293	586	586
23	87	108	129	189	292	584	584
24	85	107	128	187	290	583	583
25	84	105	126	186	288	581	581
26	82	103	124	184	287	579	579
27	80	102	123	182	285	578	578
28	79	100	121	181	283	576	576
29	77	98	119	179	282	574	574
30	76	97	118	178	280	573	573

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	12	25	48	116	229	522	1 308
2	15	28	51	119	232	525	1 050
3	18	32	54	116	231	524	852
4	21	36	58	120	231	524	703
5	23	39	64	124	232	525	589
6	25	42	68	129	233	526	526
7	26	44	70	132	233	526	526
8	26	45	70	131	233	526	526
9	26	46	70	130	233	526	526
10	27	47	70	130	233	526	526
11	27	48	70	130	233	526	526
12	27	48	70	130	232	525	525
13	27	48	70	129	232	525	525
14	27	48	69	129	231	524	524
15	26	47	68	128	231	523	523
16	25	47	68	127	230	523	523
17	25	46	67	127	230	522	522
18	25	46	67	127	229	522	522
19	25	46	67	127	229	522	522
20	25	46	67	127	229	522	522
21	25	46	67	127	230	522	522
22	25	46	67	127	230	522	522
23	25	46	67	127	230	522	522
24	25	46	67	127	229	522	522
25	25	46	67	127	229	522	522
26	24	46	67	127	229	522	522
27	24	46	67	126	229	522	522
28	24	45	66	126	229	521	521
29	24	45	66	126	228	521	521
30	24	45	66	126	228	521	521

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	95	108	131	199	312	605	1 359
2	96	109	132	200	313	606	1 093
3	98	111	133	195	310	603	890
4	99	114	137	198	310	602	736
5	100	117	142	201	310	602	617
6	101	118	145	206	309	602	602
7	102	120	146	208	309	602	602
8	102	121	146	207	309	602	602
9	101	121	145	205	308	601	601
10	101	121	144	204	307	600	600
11	100	120	143	203	305	598	598
12	98	119	141	201	303	596	596
13	97	118	139	199	302	595	595
14	95	117	138	198	300	593	593
15	94	115	136	196	298	591	591
16	92	113	134	194	296	589	589
17	90	112	133	192	295	588	588
18	89	110	131	191	294	586	586
19	88	109	130	190	292	585	585
20	87	108	129	189	291	584	584
21	85	107	128	188	290	583	583
22	84	106	127	187	289	582	582
23	83	104	125	185	288	581	581
24	82	103	124	184	287	579	579
25	81	102	123	183	285	578	578
26	79	101	122	182	284	577	577
27	78	100	121	180	283	576	576
28	77	98	119	179	282	575	575
29	76	97	118	178	281	573	573
30	75	96	117	177	279	572	572

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	312	325	348	416	529	822	1 443
2	87	100	123	191	304	597	1 151
3	90	104	126	188	303	596	930
4	93	108	131	192	304	597	765
5	96	112	137	197	305	598	641
6	98	115	141	202	306	598	598
7	99	117	143	205	306	599	599
8	100	119	144	205	307	599	599
9	100	120	144	204	307	600	600
10	101	121	144	204	307	600	600
11	101	122	144	204	307	599	599
12	102	123	144	204	307	600	600
13	102	123	145	205	307	600	600
14	103	124	145	205	307	600	600
15	104	125	146	206	308	601	601
16	104	126	147	207	309	602	602
17	105	127	148	208	310	603	603
18	106	128	149	208	311	604	604
19	107	128	149	209	312	605	605
20	107	129	150	210	312	605	605
21	107	129	150	210	312	605	605
22	107	128	149	209	312	605	605
23	106	128	149	209	311	604	604
24	105	127	148	208	310	603	603
25	104	126	147	206	309	602	602
26	103	124	145	205	308	600	600
27	102	123	144	204	306	599	599
28	100	122	143	202	305	598	598
29	99	120	141	201	303	596	596
30	97	119	140	199	302	595	595

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	12	35	104	217	510	1 249
2	1	12	35	104	217	509	1 001
3	2	14	36	98	213	506	814
4	2	16	38	99	211	504	673
5	4	17	42	102	210	503	565
6	4	18	45	106	209	502	502
7	5	20	46	108	209	502	502
8	7	20	45	106	208	501	501
9	7	20	44	104	207	500	500
10	8	20	44	104	206	499	499
11	9	21	44	104	206	499	499
12	9	22	44	104	206	499	499
13	11	23	44	104	206	499	499
14	12	23	44	104	207	500	500
15	12	24	45	105	207	500	500
16	13	24	45	105	207	500	500
17	13	24	45	105	208	501	501
18	14	25	46	106	208	501	501
19	15	26	47	107	209	502	502
20	15	27	48	107	210	503	503
21	17	27	48	108	211	504	504
22	17	28	49	109	211	504	504
23	18	29	50	109	212	505	505
24	18	29	50	110	212	505	505
25	19	29	50	110	213	506	506
26	20	30	51	111	213	506	506
27	20	30	51	111	213	506	506
28	21	30	51	111	214	506	506
29	22	30	51	111	214	507	507
30	23	31	52	111	214	507	507

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	51	64	87	156	269	561	1 316
2	52	65	88	156	269	562	1 056
3	53	67	89	151	266	558	858
4	54	69	91	153	264	557	707
5	54	70	95	155	263	556	593
6	55	72	98	159	263	556	556
7	55	73	99	161	262	554	554
8	54	73	98	159	261	554	554
9	54	73	98	158	261	553	553
10	53	73	97	157	259	552	552
11	52	73	96	156	258	551	551
12	51	72	94	154	257	549	549
13	50	72	93	153	255	548	548
14	49	71	92	151	254	547	547
15	48	69	90	150	253	546	546
16	47	68	89	149	251	544	544
17	46	67	88	148	250	543	543
18	45	66	87	147	249	542	542
19	44	65	86	146	249	542	542
20	44	65	86	146	248	541	541
21	43	64	85	145	248	541	541
22	43	64	85	145	247	540	540
23	42	63	84	144	247	539	539
24	41	63	84	143	246	539	539
25	41	62	83	143	245	538	538
26	40	61	82	142	244	537	537
27	39	60	81	141	244	537	537
28	39	60	81	141	243	536	536
29	38	59	80	140	242	535	535
30	37	59	80	139	242	535	535

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	114	127	150	219	332	624	1 378
2	116	129	151	220	333	626	1 111
3	119	132	154	216	331	624	906
4	121	136	158	220	332	624	750
5	123	139	164	224	332	625	631
6	125	142	168	229	333	625	625
7	126	144	170	232	333	626	626
8	126	144	170	230	333	625	625
9	125	145	169	230	332	625	625
10	126	146	169	229	332	625	625
11	125	146	168	228	331	624	624
12	124	145	167	227	329	622	622
13	123	144	166	225	328	621	621
14	122	143	164	224	326	619	619
15	120	141	162	222	324	617	617
16	118	139	160	220	322	615	615
17	116	137	158	218	320	613	613
18	114	135	156	216	318	611	611
19	112	133	154	214	317	609	609
20	110	132	153	212	315	608	608
21	109	130	151	211	313	606	606
22	107	128	149	209	311	604	604
23	105	126	147	207	310	602	602
24	103	124	145	205	308	600	600
25	101	122	143	203	306	599	599
26	99	121	142	201	304	597	597
27	98	119	140	200	302	595	595
28	96	117	138	198	300	593	593
29	94	115	136	196	299	592	592
30	92	114	135	195	297	590	590

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	167	180	203	272	385	677	1 477
2	176	189	212	281	394	686	1 172
3	182	196	218	280	395	687	950
4	185	200	222	284	395	688	784
5	186	203	227	287	396	688	688
6	187	204	230	291	395	688	688
7	187	205	231	293	394	687	687
8	186	205	230	291	393	686	686
9	185	204	229	289	392	684	684
10	184	204	228	288	390	683	683
11	183	204	226	286	389	682	682
12	181	202	224	284	387	679	679
13	179	200	222	281	384	677	677
14	176	198	219	279	381	674	674
15	173	195	216	276	378	671	671
16	171	192	213	273	375	668	668
17	168	189	210	270	372	665	665
18	165	186	207	267	369	662	662
19	162	183	204	264	366	659	659
20	159	180	201	261	363	656	656
21	156	177	198	258	360	653	653
22	153	174	195	255	357	650	650
23	150	171	192	252	354	647	647
24	147	168	189	249	351	644	644
25	144	165	186	246	348	641	641
26	141	162	183	243	345	638	638
27	138	159	180	240	342	635	635
28	135	156	177	237	339	632	632
29	132	153	174	234	337	630	630
30	129	151	172	232	334	627	627

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	32	45	68	137	250	543	1 264
2	33	46	69	138	251	543	1 015
3	34	48	70	132	247	540	826
4	35	50	73	134	246	539	683
5	36	53	77	137	246	538	573
6	37	54	80	141	245	538	538
7	37	55	81	143	244	537	537
8	36	55	80	141	243	536	536
9	36	55	79	140	242	535	535
10	35	56	79	139	242	535	535
11	35	56	79	139	241	534	534
12	35	56	78	138	240	533	533
13	35	56	78	137	240	533	533
14	35	56	77	137	240	532	532
15	35	56	77	137	239	532	532
16	35	56	77	137	239	532	532
17	35	56	77	137	239	532	532
18	35	56	77	137	239	532	532
19	35	56	77	137	239	532	532
20	35	56	77	137	240	532	532
21	35	56	77	137	240	532	532
22	35	56	77	137	239	532	532
23	35	56	77	137	239	532	532
24	34	56	77	137	239	532	532
25	34	55	76	136	239	532	532
26	34	55	76	136	238	531	531
27	33	55	76	136	238	531	531
28	33	54	75	135	238	531	531
29	33	54	75	135	237	530	530
30	32	54	75	135	237	530	530

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	30	43	65	134	247	540	1 288
2	31	44	67	136	249	542	1 037
3	34	48	70	132	247	540	845
4	37	52	74	135	247	540	699
5	39	55	80	140	248	541	587
6	40	57	83	144	248	541	541
7	42	60	86	148	249	541	541
8	42	61	86	147	249	542	542
9	42	62	86	146	249	542	542
10	43	63	87	147	249	542	542
11	44	65	87	147	250	542	542
12	45	66	88	147	250	543	543
13	45	66	88	147	250	543	543
14	45	66	87	147	250	543	543
15	45	66	87	147	250	543	543
16	45	66	87	147	249	542	542
17	45	66	87	147	250	542	542
18	45	66	87	147	250	542	542
19	45	66	87	147	250	543	543
20	45	67	88	148	250	543	543
21	46	67	88	148	250	543	543
22	45	67	88	148	250	543	543
23	45	66	88	147	250	543	543
24	45	66	87	147	249	542	542
25	44	66	87	146	249	542	542
26	44	65	86	146	248	541	541
27	43	65	86	145	248	541	541
28	43	64	85	145	247	540	540
29	42	63	84	144	247	539	539
30	41	63	84	144	246	539	539

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	127	140	163	232	345	638	1 425
2	126	139	162	231	344	636	1 147
3	126	140	162	224	339	632	934
4	127	142	164	226	337	630	771
5	127	143	168	228	336	629	647
6	127	144	170	231	335	628	628
7	127	145	171	233	334	627	627
8	126	145	170	231	333	626	626
9	125	145	169	229	332	625	625
10	125	145	169	229	331	624	624
11	125	146	168	228	331	624	624
12	124	145	167	227	330	622	622
13	124	145	166	226	328	621	621
14	123	144	165	225	327	620	620
15	121	142	163	223	325	618	618
16	119	140	161	221	323	616	616
17	116	137	158	218	321	614	614
18	114	135	156	216	319	611	611
19	112	133	154	214	317	609	609
20	110	131	152	212	314	607	607
21	108	129	150	210	312	605	605
22	105	127	148	208	310	603	603
23	103	125	146	205	308	601	601
24	101	122	143	203	306	599	599
25	99	120	141	201	303	596	596
26	97	118	139	199	301	594	594
27	95	116	137	197	299	592	592
28	93	114	135	195	297	590	590
29	91	112	133	193	295	588	588
30	89	110	131	191	293	586	586

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	1	14	37	105	219	511	1 295
2	3	16	39	107	220	513	1 040
3	5	19	41	103	218	511	845
4	8	23	45	107	218	511	698
5	10	26	51	111	219	512	585
6	11	28	55	116	219	512	512
7	13	31	57	119	220	512	512
8	13	32	57	118	220	512	512
9	13	32	57	117	219	512	512
10	13	33	57	117	219	512	512
11	13	34	57	117	219	512	512
12	14	35	56	116	219	512	512
13	14	35	56	116	218	511	511
14	14	35	56	116	218	511	511
15	13	35	56	116	218	511	511
16	13	34	55	115	218	511	511
17	14	34	55	115	218	511	511
18	14	34	56	115	218	511	511
19	15	35	56	116	218	511	511
20	16	35	56	116	218	511	511
21	17	36	57	116	219	512	512
22	18	36	57	117	219	512	512
23	18	36	57	117	219	512	512
24	19	36	57	117	219	512	512
25	19	36	57	117	220	512	512
26	20	36	57	117	220	513	513
27	20	36	57	117	220	513	513
28	22	37	58	117	220	513	513
29	23	37	58	117	220	513	513
30	23	37	58	117	220	513	513

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	36	49	72	140	253	546	1 305
2	36	49	72	141	254	546	1 048
3	36	50	72	134	249	542	851
4	37	52	74	136	247	540	702
5	37	53	78	138	246	539	589
6	39	56	82	143	247	540	540
7	37	55	81	143	244	537	537
8	40	59	84	145	247	540	540
9	39	59	83	143	246	539	539
10	34	55	78	138	241	533	533
11	31	51	74	134	236	529	529
12	28	49	71	131	233	526	526
13	26	47	69	128	231	524	524
14	24	46	67	127	229	522	522
15	23	44	65	125	228	520	520
16	22	43	64	124	226	519	519
17	21	42	63	123	225	518	518
18	20	41	62	122	225	518	518
19	20	41	62	122	224	517	517
20	20	41	62	122	224	517	517
21	20	41	62	122	224	517	517
22	20	41	62	122	224	517	517
23	20	41	62	122	224	517	517
24	20	41	62	122	224	517	517
25	19	41	62	122	224	517	517
26	20	41	62	121	224	517	517
27	20	40	61	121	224	517	517
28	22	40	61	121	224	516	516
29	23	40	61	121	223	516	516
30	23	40	61	121	223	516	516

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	211	224	247	315	428	721	1 522
2	208	221	244	312	425	718	1 201
3	204	218	240	302	417	710	962
4	201	216	239	300	412	704	785
5	197	213	238	298	406	699	699
6	194	211	237	298	402	694	694
7	190	208	234	296	397	690	690
8	186	204	230	290	393	685	685
9	181	201	225	286	388	681	681
10	178	198	221	281	384	677	677
11	174	195	217	277	380	672	672
12	170	191	213	273	375	668	668
13	166	188	209	269	371	664	664
14	163	184	205	265	367	660	660
15	159	180	201	261	364	657	657
16	156	177	198	258	360	653	653
17	152	173	195	254	357	650	650
18	149	170	191	251	354	646	646
19	146	167	188	248	351	643	643
20	143	164	185	245	348	640	640
21	140	161	182	242	345	638	638
22	137	158	180	239	342	635	635
23	134	156	177	236	339	632	632
24	131	153	174	234	336	629	629
25	129	150	171	231	333	626	626
26	126	147	168	228	331	623	623
27	123	145	166	226	328	621	621
28	121	142	163	223	326	618	618
29	119	140	161	221	323	616	616
30	116	138	158	218	321	614	614

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	8	25	48	101	234	527	1 315
2	8	25	48	101	234	527	1 053
3	10	28	50	97	232	525	854
4	12	32	54	95	233	525	704
5	16	38	59	98	233	526	590
6	18	42	63	95	234	527	527
7	19	44	63	89	234	527	527
8	18	43	62	89	234	527	527
9	19	45	64	92	234	527	527
10	21	48	67	96	234	527	527
11	23	50	68	99	234	527	527
12	24	52	69	100	234	527	527
13	26	54	70	100	234	527	527
14	26	54	71	100	234	527	527
15	26	55	71	100	234	527	527
16	26	55	71	100	234	527	527
17	26	55	71	100	234	527	527
18	26	55	71	100	234	527	527
19	26	55	71	100	234	527	527
20	26	55	71	100	234	527	527
21	26	55	71	100	234	527	527
22	26	55	71	100	234	527	527
23	26	55	71	100	234	527	527
24	26	55	71	100	234	527	527
25	26	55	71	100	234	527	527
26	26	55	71	100	234	527	527
27	26	55	71	100	233	526	526
28	26	55	71	100	233	526	526
29	26	55	71	100	233	526	526
30	26	55	71	100	232	525	525

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	15	84	197	490	1 223
2	1	5	14	82	195	488	980
3	2	5	13	75	190	483	796
4	2	6	15	77	188	481	657
5	4	6	19	79	187	480	552
6	4	7	22	83	187	480	480
7	5	9	24	85	187	479	479
8	7	9	24	84	186	479	479
9	7	10	23	84	186	479	479
10	8	10	24	84	186	479	479
11	8	11	24	84	186	479	479
12	9	13	24	84	187	479	479
13	10	13	24	84	187	480	480
14	11	14	25	85	187	480	480
15	12	14	25	85	187	480	480
16	13	15	26	85	187	480	480
17	13	16	27	85	188	481	481
18	14	17	28	86	188	481	481
19	14	18	30	86	189	482	482
20	15	18	31	87	189	482	482
21	16	19	32	87	190	483	483
22	17	20	33	88	190	483	483
23	18	21	34	88	190	483	483
24	18	21	36	88	191	483	483
25	19	22	37	88	191	483	483
26	19	23	38	88	191	483	483
27	20	23	39	88	190	483	483
28	20	25	40	88	190	483	483
29	21	25	41	88	190	483	483
30	22	26	42	88	190	483	483

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	2	14	21	42	159	304	3 139
2	2	14	21	42	159	347	2 352
3	2	14	23	46	154	363	1 780
4	2	15	26	50	152	363	1 378
5	3	17	29	52	152	355	1 093
6	4	20	31	55	152	341	887
7	6	22	33	57	152	325	734
8	6	23	34	60	152	308	617
9	6	24	36	63	152	291	525
10	6	25	37	65	152	273	452
11	7	25	38	65	152	257	393
12	7	26	38	66	152	245	344
13	7	26	38	66	152	245	303
14	7	26	38	66	152	245	268
15	7	26	40	66	152	245	245
16	7	26	43	66	152	245	245
17	7	26	45	66	152	245	245
18	7	26	47	66	152	245	245
19	7	26	50	66	152	245	245
20	7	26	52	66	152	245	245
21	7	26	54	66	152	245	245
22	8	26	57	66	152	245	245
23	9	26	59	66	152	245	245
24	9	26	62	66	152	245	245
25	10	26	64	66	152	245	245
26	10	26	67	68	152	245	245
27	11	26	69	70	152	245	245
28	11	26	72	72	152	245	245
29	11	26	74	73	152	245	245
30	12	26	77	76	152	245	245

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	13	25	31	52	170	324	3 369
2	14	27	33	54	171	368	2 509
3	14	27	35	59	166	382	1 888
4	14	28	38	62	164	380	1 453
5	14	29	40	64	163	369	1 148
6	15	31	42	66	162	354	929
7	15	32	43	67	161	337	767
8	15	32	43	69	161	319	643
9	15	33	44	71	160	301	547
10	15	33	45	73	160	283	471
11	14	33	45	73	159	265	408
12	14	32	45	73	158	252	357
13	13	32	44	72	158	251	314
14	13	31	44	71	157	251	278
15	12	31	43	71	157	250	250
16	12	30	44	71	156	250	250
17	12	30	47	70	156	250	250
18	12	30	49	70	156	250	250
19	12	30	51	71	156	250	250
20	12	31	54	71	157	250	250
21	12	31	57	71	157	250	250
22	13	31	59	71	157	251	251
23	13	31	61	71	157	251	251
24	13	31	63	71	157	251	251
25	13	31	66	71	157	251	251
26	13	31	68	71	157	251	251
27	13	31	71	72	157	250	250
28	12	31	73	74	157	250	250
29	12	31	77	76	157	250	250
30	12	31	79	78	157	250	250

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	2	14	20	42	159	304	3 138
2	2	14	20	42	159	347	2 352
3	1	14	23	46	154	363	1 780
4	2	15	25	50	151	363	1 378
5	2	17	29	52	151	355	1 093
6	4	20	31	55	151	341	887
7	5	22	33	57	151	325	733
8	6	23	34	60	151	308	616
9	6	24	36	62	151	291	525
10	6	25	37	64	151	273	452
11	7	25	38	65	151	257	393
12	7	25	38	65	151	245	344
13	7	25	38	66	151	245	303
14	7	25	38	65	151	245	268
15	7	25	40	65	151	245	245
16	7	25	43	65	151	245	245
17	7	25	45	65	151	245	245
18	7	25	47	65	151	245	245
19	7	25	50	65	151	245	245
20	7	25	52	65	151	245	245
21	7	25	54	66	151	245	245
22	8	25	57	66	151	245	245
23	9	25	59	66	151	245	245
24	9	25	62	66	151	245	245
25	10	25	64	66	151	245	245
26	10	25	67	68	151	245	245
27	11	25	69	70	151	245	245
28	11	25	72	72	151	245	245
29	11	25	74	73	151	245	245
30	12	26	77	76	151	245	245

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	73	85	92	113	230	353	3 699
2	70	82	89	110	227	400	2 753
3	72	85	94	117	225	414	2 067
4	71	85	95	119	221	411	1 587
5	70	85	96	119	219	399	1 250
6	70	86	97	121	217	382	1 008
7	70	86	97	121	216	362	830
8	69	86	97	123	215	342	695
9	68	86	98	125	214	322	590
10	65	84	96	123	210	304	507
11	63	82	94	122	208	301	440
12	62	81	93	121	207	300	384
13	61	80	93	120	206	299	338
14	61	80	92	120	206	299	299
15	61	80	92	120	205	299	299
16	60	79	91	119	205	298	298
17	60	79	91	119	205	298	298
18	59	78	91	118	204	297	297
19	59	77	90	118	203	297	297
20	58	77	89	117	203	296	296
21	58	76	89	116	202	296	296
22	57	76	88	116	201	295	295
23	56	75	87	115	201	294	294
24	55	74	86	114	200	293	293
25	54	73	85	113	199	292	292
26	53	72	84	112	198	291	291
27	52	71	83	111	197	290	290
28	51	70	82	110	195	289	289
29	50	68	81	109	194	288	288
30	49	67	83	108	193	287	287

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	6	18	25	46	163	307	3 178
2	8	20	26	47	165	350	2 373
3	8	21	30	53	161	365	1 795
4	9	23	33	57	159	365	1 388
5	10	25	36	60	159	357	1 101
6	12	27	38	63	159	343	892
7	13	30	40	65	159	326	738
8	12	30	41	67	158	309	620
9	12	30	42	69	158	291	527
10	12	31	43	71	158	274	454
11	13	31	44	71	157	257	394
12	13	31	44	71	157	251	345
13	13	31	44	72	157	251	304
14	13	32	44	72	157	251	269
15	13	32	44	72	158	251	251
16	13	31	44	71	157	251	251
17	13	32	45	72	158	251	251
18	13	32	47	72	158	251	251
19	13	32	50	72	158	251	251
20	14	33	53	73	159	252	252
21	14	33	55	73	159	252	252
22	15	33	58	73	159	253	253
23	15	33	59	73	159	253	253
24	15	33	62	73	159	253	253
25	15	33	65	73	159	253	253
26	15	33	67	73	159	253	253
27	15	33	70	73	159	253	253
28	15	33	72	73	159	252	252
29	14	33	74	75	159	252	252
30	14	33	78	77	159	252	252

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	41	53	60	81	198	303	3 125
2	45	57	63	85	202	346	2 346
3	49	61	70	93	201	363	1 780
4	51	65	75	99	201	364	1 381
5	53	68	79	102	202	357	1 098
6	54	70	81	106	202	344	893
7	56	72	83	107	201	329	741
8	55	72	83	109	201	312	624
9	54	72	84	111	200	295	533
10	54	72	84	112	199	292	459
11	53	71	84	111	198	291	399
12	52	70	83	110	196	290	350
13	51	69	82	109	195	288	308
14	49	68	81	108	194	287	287
15	49	67	80	107	193	286	286
16	48	66	79	107	192	286	286
17	47	66	78	106	192	285	285
18	47	65	78	105	191	285	285
19	46	65	77	105	191	284	284
20	46	64	77	104	190	284	284
21	45	64	76	104	190	283	283
22	44	63	76	103	189	282	282
23	44	62	75	102	188	282	282
24	43	62	74	102	188	281	281
25	42	61	73	101	187	280	280
26	41	60	72	100	186	279	279
27	41	59	72	99	185	278	278
28	40	58	73	98	184	278	278
29	39	58	76	98	184	277	277
30	38	57	78	97	183	276	276

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	1	13	20	41	158	304	3 136
2	1	13	20	41	158	347	2 350
3	1	14	22	46	153	363	1 779
4	1	15	25	49	151	363	1 377
5	2	17	28	51	151	354	1 092
6	3	19	30	54	151	341	886
7	5	22	32	57	151	325	733
8	5	22	33	59	151	308	616
9	5	23	35	62	151	290	525
10	6	24	36	64	151	273	452
11	6	24	37	65	151	256	392
12	6	25	37	65	151	244	343
13	6	25	37	65	151	244	302
14	6	25	37	65	151	244	268
15	6	25	40	65	151	244	244
16	6	25	43	65	151	244	244
17	6	25	45	65	151	244	244
18	6	25	47	65	151	244	244
19	7	25	50	65	151	244	244
20	7	25	52	65	151	244	244
21	7	25	54	65	151	244	244
22	8	25	57	65	151	244	244
23	9	25	59	65	151	244	244
24	9	25	62	65	151	244	244
25	10	25	64	66	151	244	244
26	10	25	67	68	151	244	244
27	11	25	69	70	151	244	244
28	11	25	72	72	151	244	244
29	11	25	74	73	151	244	244
30	12	26	77	76	151	244	244

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	44	177	316	3 278
2	0	11	22	44	177	361	2 458
3	1	10	23	49	172	377	1 858
4	1	13	26	54	169	376	1 435
5	2	16	28	58	168	367	1 135
6	2	18	32	59	167	352	919
7	4	21	36	59	166	335	758
8	6	24	37	59	164	317	636
9	9	30	41	58	163	298	541
10	11	34	42	57	163	280	465
11	10	33	42	57	162	263	403
12	9	32	42	57	161	254	353
13	8	31	42	57	160	254	310
14	8	31	43	58	160	253	275
15	8	31	43	58	159	252	252
16	8	31	43	58	158	251	251
17	8	31	46	58	157	250	250
18	8	31	48	58	156	250	250
19	8	31	51	58	156	249	249
20	9	31	53	58	156	250	250
21	9	31	55	60	156	250	250
22	9	31	58	62	156	250	250
23	9	31	61	63	156	249	249
24	10	31	63	65	155	248	248
25	10	31	66	67	154	248	248
26	10	31	68	69	154	247	247
27	11	31	71	71	153	247	247
28	11	31	73	73	153	246	246
29	12	31	75	75	152	246	246
30	12	31	78	77	152	245	245

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	80	92	99	120	237	332	3 425
2	79	91	97	118	236	376	2 571
3	77	90	98	122	229	394	1 949
4	75	89	99	124	225	395	1 509
5	74	89	100	124	223	385	1 196
6	74	90	101	125	221	371	970
7	73	90	100	125	219	353	801
8	71	88	99	125	217	335	673
9	69	87	99	126	215	316	572
10	68	87	99	126	213	307	492
11	67	86	98	126	212	305	427
12	66	84	97	125	211	304	373
13	64	83	96	123	209	302	328
14	63	82	94	122	208	301	301
15	62	80	93	121	206	300	300
16	61	79	92	119	205	299	299
17	60	78	91	118	204	298	298
18	59	77	90	118	203	297	297
19	58	77	89	117	203	296	296
20	57	76	88	116	202	295	295
21	56	75	87	115	201	294	294
22	55	74	86	114	200	293	293
23	54	73	85	113	199	292	292
24	53	72	84	112	198	291	291
25	52	71	83	111	197	290	290
26	51	70	82	110	196	289	289
27	50	68	81	109	194	288	288
28	49	67	80	107	193	287	287
29	48	66	79	106	192	286	286
30	47	65	82	105	191	285	285

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	53	65	71	92	210	326	3 386
2	52	64	70	92	209	372	2 537
3	51	64	72	96	203	388	1 919
4	50	64	74	99	200	388	1 484
5	50	64	76	99	199	379	1 175
6	49	65	76	101	197	364	952
7	50	66	77	101	196	347	787
8	48	66	77	103	194	328	660
9	47	65	77	104	193	310	562
10	47	65	77	105	192	291	483
11	46	65	77	105	191	284	419
12	45	64	77	104	190	283	367
13	45	64	76	104	190	283	323
14	44	63	75	103	189	282	285
15	44	62	75	102	188	282	282
16	43	62	74	102	187	281	281
17	42	61	74	101	187	280	280
18	42	61	73	101	187	280	280
19	41	60	73	100	186	279	279
20	41	60	72	100	186	279	279
21	41	60	72	100	186	279	279
22	41	59	72	99	185	278	278
23	40	59	71	99	185	278	278
24	39	58	70	98	184	277	277
25	39	57	70	97	183	277	277
26	38	57	70	97	183	276	276
27	37	56	73	96	182	275	275
28	37	55	76	95	181	275	275
29	36	55	78	95	180	274	274
30	35	54	81	94	180	273	273

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	27	39	46	67	184	309	3 200
2	28	40	46	67	185	352	2 388
3	27	39	48	71	179	367	1 804
4	26	40	50	74	176	367	1 395
5	26	41	52	76	175	358	1 105
6	27	43	54	78	174	344	896
7	27	44	55	79	173	328	741
8	27	44	55	81	173	310	623
9	26	44	56	83	172	293	530
10	26	44	57	84	171	275	456
11	26	44	57	84	171	264	396
12	25	44	56	84	170	263	347
13	25	43	56	83	169	262	305
14	24	43	55	83	169	262	270
15	23	42	54	82	168	261	261
16	23	41	54	81	167	261	261
17	22	41	54	81	167	260	260
18	22	41	53	81	167	260	260
19	22	41	53	81	167	260	260
20	22	41	53	81	167	260	260
21	22	41	55	81	167	260	260
22	22	41	58	81	167	260	260
23	22	41	61	81	167	260	260
24	22	40	62	80	166	260	260
25	21	40	65	80	166	259	259
26	21	40	67	80	166	259	259
27	21	39	70	80	165	259	259
28	20	39	72	79	165	258	258
29	20	39	75	79	165	258	258
30	20	39	78	79	164	258	258

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	4	23	141	295	3 040
2	0	1	6	24	142	336	2 271
3	1	1	8	29	137	351	1 719
4	1	3	12	33	134	352	1 331
5	1	4	15	35	134	344	1 056
6	2	4	17	38	134	331	858
7	2	6	20	40	134	315	710
8	2	6	21	43	134	299	597
9	4	7	24	45	134	282	509
10	4	8	27	47	134	265	438
11	4	9	30	49	135	249	380
12	4	9	31	48	134	233	333
13	4	11	34	49	135	228	293
14	5	11	37	49	135	228	260
15	6	13	39	48	133	227	231
16	6	13	41	47	133	226	226
17	6	14	44	49	133	226	226
18	6	15	46	51	133	226	226
19	7	16	48	53	133	226	226
20	7	16	51	55	134	227	227
21	7	18	54	57	134	227	227
22	8	19	55	58	134	227	227
23	8	19	58	61	134	227	227
24	8	21	60	63	134	227	227
25	9	21	63	65	133	227	227
26	9	22	65	67	135	227	227
27	10	23	68	69	136	226	226
28	10	24	70	71	137	226	226
29	10	24	73	73	138	226	226
30	11	26	75	74	139	226	226

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	41	53	59	80	198	311	3 221
2	41	53	59	80	198	355	2 411
3	40	53	61	85	192	370	1 823
4	39	53	63	88	189	371	1 410
5	39	54	66	89	188	362	1 118
6	40	56	67	91	187	348	907
7	41	57	68	92	187	332	751
8	40	57	68	94	186	315	631
9	39	57	69	96	185	297	537
10	39	57	70	97	184	279	463
11	39	57	70	97	183	277	402
12	38	57	69	97	183	276	351
13	37	56	68	96	182	275	310
14	37	55	68	95	181	275	275
15	36	55	67	95	181	274	274
16	35	54	66	94	180	273	273
17	35	54	66	94	180	273	273
18	34	53	66	93	179	272	272
19	34	53	65	93	179	272	272
20	34	53	65	93	178	272	272
21	34	52	65	92	178	272	272
22	33	52	64	92	178	271	271
23	33	51	64	91	177	270	270
24	32	51	63	91	177	270	270
25	31	50	66	90	176	269	269
26	30	49	68	89	175	268	268
27	30	48	71	88	174	268	268
28	29	48	73	88	174	267	267
29	28	47	76	87	173	266	266
30	28	46	78	86	172	265	265

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	13	25	32	53	170	300	3 093
2	17	29	35	56	174	343	2 319
3	19	32	40	64	171	359	1 760
4	21	35	45	70	171	361	1 365
5	24	39	50	73	173	353	1 085
6	23	39	50	75	171	340	882
7	28	45	56	80	174	325	730
8	27	45	56	81	173	308	615
9	28	46	58	85	174	291	524
10	30	49	61	88	175	274	452
11	31	50	62	90	176	269	393
12	32	51	63	91	177	270	344
13	33	51	64	91	177	271	303
14	33	52	64	92	178	271	271
15	33	52	64	92	178	271	271
16	33	51	64	91	177	271	271
17	33	51	64	92	177	271	271
18	32	51	63	91	177	270	270
19	32	51	63	91	177	270	270
20	32	51	63	91	177	270	270
21	32	51	63	91	177	270	270
22	32	50	63	90	176	270	270
23	31	50	63	90	176	269	269
24	31	50	63	90	176	269	269
25	31	49	65	89	175	269	269
26	30	49	67	89	175	268	268
27	30	48	70	88	174	268	268
28	29	48	73	88	174	267	267
29	29	47	76	87	173	266	266
30	28	47	78	87	173	266	266

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	14	26	32	53	171	312	3 235
2	15	27	33	54	172	355	2 411
3	15	28	36	60	168	369	1 818
4	16	29	40	64	166	368	1 403
5	17	31	43	66	165	359	1 111
6	18	34	45	69	165	345	900
7	19	36	47	71	165	329	744
8	19	37	48	74	165	311	625
9	20	38	49	76	165	293	532
10	20	39	51	78	165	276	458
11	21	39	52	79	166	259	398
12	21	40	52	80	166	259	348
13	21	40	52	80	166	259	306
14	21	40	52	80	166	259	271
15	21	40	52	80	166	259	259
16	21	39	52	80	165	259	259
17	21	40	52	80	165	259	259
18	21	39	52	80	165	259	259
19	21	39	52	79	165	259	259
20	21	40	53	80	165	259	259
21	21	39	55	79	165	259	259
22	20	39	58	79	165	258	258
23	20	39	61	79	165	258	258
24	20	38	62	78	164	258	258
25	19	38	65	78	164	257	257
26	19	37	67	77	163	257	257
27	18	37	70	77	163	256	256
28	18	36	72	76	162	256	256
29	17	36	75	76	162	255	255
30	17	36	78	77	162	255	255

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	48	60	66	87	205	340	3 546
2	50	62	69	90	207	379	2 605
3	52	65	74	97	205	392	1 952
4	54	67	77	102	203	390	1 502
5	55	70	81	105	204	380	1 187
6	57	73	84	108	205	365	961
7	59	75	86	110	205	347	793
8	58	76	87	113	204	328	665
9	59	77	88	115	204	310	566
10	59	78	90	117	204	298	486
11	59	78	90	118	204	297	422
12	59	77	90	117	203	297	369
13	58	77	89	117	203	296	324
14	57	76	88	116	202	295	295
15	57	75	88	115	201	294	294
16	56	75	87	115	200	294	294
17	55	74	86	114	200	293	293
18	55	73	86	113	199	293	293
19	54	73	85	113	199	292	292
20	53	72	84	112	198	291	291
21	53	71	84	111	197	291	291
22	52	71	83	111	196	290	290
23	51	70	82	110	196	289	289
24	50	69	81	109	195	288	288
25	49	68	80	108	194	287	287
26	48	67	79	107	193	286	286
27	47	66	78	106	192	285	285
28	46	65	77	105	191	284	284
29	45	64	78	104	190	283	283
30	44	63	81	103	189	282	282

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	78	90	97	118	235	344	3 596
2	83	95	101	123	240	394	2 707
3	84	97	105	129	236	414	2 056
4	84	98	108	133	234	415	1 594
5	87	102	113	137	236	406	1 266
6	90	105	117	141	237	392	1 027
7	92	109	119	144	238	374	849
8	93	111	122	147	239	354	714
9	94	112	124	151	240	335	607
10	95	113	126	153	240	333	522
11	95	114	126	154	240	333	453
12	94	113	125	153	239	332	396
13	93	112	124	152	238	331	348
14	92	111	123	151	237	330	330
15	91	109	122	149	235	328	328
16	89	108	120	148	234	327	327
17	88	107	119	147	232	326	326
18	87	105	118	145	231	324	324
19	85	104	116	144	230	323	323
20	84	103	115	143	228	322	322
21	82	101	113	141	227	320	320
22	81	99	112	140	225	319	319
23	79	98	110	138	224	317	317
24	77	96	109	136	222	315	315
25	76	94	107	135	220	314	314
26	74	93	105	133	219	312	312
27	72	91	104	131	217	310	310
28	71	89	102	130	215	309	309
29	69	88	100	128	214	307	307
30	68	86	99	126	212	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	7	19	26	47	164	312	3 233
2	10	22	29	50	167	356	2 417
3	12	25	33	57	164	371	1 825
4	14	27	38	62	163	370	1 410
5	16	30	42	65	164	361	1 117
6	17	33	44	69	165	347	906
7	19	36	46	71	165	331	748
8	19	37	48	73	165	313	628
9	20	38	49	76	165	295	535
10	20	38	51	78	165	277	460
11	20	39	51	79	165	260	399
12	20	39	51	79	165	258	349
13	19	38	51	78	164	257	308
14	19	37	50	78	163	257	272
15	18	37	49	77	163	256	256
16	17	36	49	76	162	255	255
17	17	36	48	76	162	255	255
18	17	36	48	76	162	255	255
19	17	36	51	76	162	255	255
20	17	36	53	76	162	255	255
21	17	36	55	76	162	255	255
22	17	36	58	76	162	255	255
23	17	36	61	76	162	255	255
24	17	36	63	76	162	255	255
25	17	35	66	76	161	255	255
26	17	35	68	75	161	255	255
27	16	35	71	75	161	254	254
28	16	35	73	75	161	254	254
29	16	35	76	75	161	254	254
30	16	34	78	77	160	254	254

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	90	102	109	130	247	342	3 364
2	91	104	110	131	249	370	2 524
3	92	104	113	136	244	387	1 912
4	92	106	116	140	242	388	1 480
5	93	108	119	142	242	379	1 174
6	94	110	121	145	241	365	952
7	95	112	123	147	241	348	787
8	95	113	124	149	241	334	661
9	95	113	124	151	240	334	563
10	94	112	125	152	239	332	485
11	93	111	124	151	237	331	421
12	91	110	122	150	236	329	368
13	89	108	120	148	234	327	327
14	88	106	119	146	232	326	326
15	86	105	117	145	231	324	324
16	84	103	115	143	229	322	322
17	83	101	114	141	227	321	321
18	81	100	112	140	226	319	319
19	80	98	111	139	224	318	318
20	79	97	110	138	223	317	317
21	78	96	109	136	222	316	316
22	77	95	108	135	221	315	315
23	75	94	106	134	220	313	313
24	74	93	105	133	219	312	312
25	73	92	104	132	218	311	311
26	72	90	103	130	216	310	310
27	70	89	102	129	215	308	308
28	69	88	100	128	214	307	307
29	68	87	99	127	213	306	306
30	67	86	98	126	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	307	319	326	347	464	559	3 587
2	82	94	101	122	239	388	2 668
3	84	97	105	129	236	403	2 006
4	86	100	110	135	236	402	1 546
5	88	103	114	138	237	392	1 223
6	90	106	117	142	238	377	991
7	92	109	119	144	238	359	819
8	93	110	121	147	239	340	687
9	94	112	123	150	239	332	585
10	94	112	125	152	239	332	502
11	94	113	125	153	239	332	436
12	94	113	125	153	239	332	381
13	95	113	126	153	239	333	335
14	95	114	126	154	240	333	333
15	96	114	127	154	240	334	334
16	97	115	128	155	241	335	335
17	98	116	129	156	242	336	336
18	99	117	130	157	243	336	336
19	99	118	130	158	244	337	337
20	100	118	131	158	244	338	338
21	100	118	131	158	244	338	338
22	99	118	130	158	244	337	337
23	99	117	130	157	243	337	337
24	98	116	129	156	242	336	336
25	96	115	128	155	241	334	334
26	95	114	126	154	240	333	333
27	94	113	125	153	238	332	332
28	92	111	124	151	237	330	330
29	91	110	122	150	236	329	329
30	89	108	121	148	234	327	327

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	7	13	35	152	298	3 076
2	0	7	13	34	152	340	2 298
3	1	7	15	39	146	355	1 739
4	1	7	17	42	143	355	1 346
5	1	8	20	43	142	347	1 068
6	2	10	21	45	142	334	867
7	2	12	22	47	141	318	717
8	2	12	23	48	140	302	603
9	4	12	24	50	139	284	514
10	4	12	27	52	139	268	442
11	4	12	30	52	139	251	384
12	4	12	32	53	139	236	336
13	4	13	34	53	139	232	296
14	5	13	37	53	139	232	263
15	6	13	40	53	139	233	234
16	6	13	41	53	139	233	233
17	6	14	44	54	140	233	233
18	6	15	47	55	141	234	234
19	7	16	49	55	141	235	235
20	7	17	51	56	142	235	235
21	7	18	54	58	143	236	236
22	8	19	57	60	144	237	237
23	8	19	59	61	144	237	237
24	8	21	61	63	145	238	238
25	10	21	63	65	145	238	238
26	10	23	66	67	145	239	239
27	11	23	68	69	145	239	239
28	11	24	71	71	146	239	239
29	11	25	73	73	146	239	239
30	12	26	76	75	146	239	239

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	47	59	65	86	204	314	3 253
2	48	60	66	87	205	358	2 433
3	47	60	68	92	199	373	1 838
4	46	60	70	95	196	373	1 421
5	47	61	73	96	196	364	1 125
6	48	63	75	99	195	350	912
7	48	65	75	100	194	333	754
8	48	65	76	102	193	316	634
9	47	65	77	104	193	298	539
10	46	65	77	105	192	285	464
11	45	64	76	104	190	284	403
12	44	63	75	103	189	282	352
13	43	62	74	102	187	281	310
14	42	60	73	100	186	280	280
15	40	59	71	99	185	278	278
16	39	58	70	98	184	277	277
17	38	57	69	97	183	276	276
18	37	56	68	96	182	275	275
19	36	55	67	95	181	274	274
20	36	55	67	95	181	274	274
21	35	54	66	94	180	273	273
22	35	53	66	93	179	273	273
23	34	53	65	93	179	272	272
24	33	52	65	92	178	271	271
25	33	51	66	91	177	271	271
26	32	51	68	91	177	270	270
27	31	50	71	90	176	269	269
28	31	49	73	89	175	269	269
29	30	49	76	89	175	268	268
30	29	48	79	88	174	267	267

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	122	128	149	267	362	3 415
2	111	123	130	151	268	376	2 568
3	113	125	134	157	265	394	1 949
4	114	128	138	162	264	395	1 511
5	116	130	142	165	264	387	1 201
6	117	133	144	169	265	374	976
7	119	136	146	171	265	358	809
8	119	136	147	173	265	358	681
9	119	137	149	175	264	358	581
10	119	137	150	177	264	357	501
11	118	137	149	177	263	356	435
12	117	136	148	176	262	355	381
13	116	134	147	174	260	353	353
14	114	133	145	173	258	352	352
15	112	131	143	171	257	350	350
16	110	129	141	169	254	348	348
17	108	127	139	167	253	346	346
18	106	125	137	165	251	344	344
19	104	123	135	163	249	342	342
20	102	121	134	161	247	340	340
21	101	119	132	159	245	339	339
22	99	118	130	158	244	337	337
23	97	116	128	156	242	335	335
24	95	114	126	154	240	333	333
25	93	112	124	152	238	331	331
26	92	110	123	150	236	329	329
27	90	108	121	148	234	328	328
28	88	107	119	147	233	326	326
29	86	105	117	145	231	324	324
30	85	103	116	143	229	323	323

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	163	175	181	202	320	415	3 676
2	172	184	190	211	329	424	2 722
3	176	189	197	221	328	423	2 052
4	178	191	202	226	327	421	1 587
5	179	194	205	228	328	421	1 258
6	180	195	207	231	327	420	1 021
7	180	197	207	232	326	419	844
8	179	196	207	233	325	418	710
9	178	196	208	235	324	417	605
10	178	196	208	236	323	416	521
11	176	195	207	235	321	414	452
12	174	193	205	233	319	412	412
13	171	190	203	230	316	409	409
14	169	187	200	227	313	407	407
15	166	184	197	224	310	404	404
16	163	181	194	221	307	401	401
17	160	178	191	218	304	398	398
18	157	176	188	216	301	395	395
19	154	173	185	213	299	392	392
20	151	170	182	210	296	389	389
21	148	167	179	207	293	386	386
22	145	164	176	204	290	383	383
23	142	161	173	201	287	380	380
24	139	158	170	198	283	377	377
25	136	154	167	195	280	374	374
26	133	151	164	192	277	371	371
27	130	149	161	189	275	368	368
28	127	146	158	186	272	365	365
29	124	143	155	183	269	362	362
30	122	140	153	180	266	360	360

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	28	40	46	68	185	302	3 116
2	29	41	47	68	186	344	2 330
3	28	41	50	73	181	360	1 765
4	28	42	52	77	178	361	1 367
5	29	44	55	78	178	352	1 085
6	30	45	57	81	177	339	881
7	30	47	58	82	176	323	729
8	30	47	58	84	175	307	613
9	29	47	59	86	175	289	523
10	29	47	60	87	174	272	450
11	28	47	60	87	173	267	391
12	28	47	59	87	173	266	342
13	28	46	59	86	172	265	302
14	27	46	58	86	172	265	267
15	27	46	58	86	172	265	265
16	27	45	58	86	171	265	265
17	27	45	58	86	171	265	265
18	27	46	58	86	172	265	265
19	27	46	58	86	172	265	265
20	27	46	58	86	172	265	265
21	27	46	58	86	172	265	265
22	27	46	58	86	172	265	265
23	27	46	59	86	171	265	265
24	27	45	62	85	171	265	265
25	26	45	65	85	171	264	264
26	26	45	67	85	171	264	264
27	26	44	70	84	170	264	264
28	25	44	72	84	170	263	263
29	25	44	74	84	170	263	263
30	25	43	78	83	169	263	263

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	25	37	44	65	182	307	3 178
2	27	39	45	67	184	352	2 385
3	28	41	49	73	180	368	1 809
4	29	43	53	78	179	369	1 402
5	31	46	57	81	180	361	1 113
6	33	49	60	84	180	348	904
7	35	52	62	87	181	332	748
8	35	52	63	89	181	315	629
9	36	54	65	92	181	297	536
10	36	55	67	95	181	279	462
11	37	56	68	96	182	275	401
12	37	56	68	96	182	275	351
13	37	56	69	96	182	275	310
14	37	56	68	96	182	275	275
15	37	56	68	96	182	275	275
16	37	56	68	96	182	275	275
17	37	56	68	96	182	275	275
18	37	56	68	96	182	275	275
19	37	56	68	96	182	275	275
20	38	56	69	96	182	276	276
21	38	56	69	97	182	276	276
22	38	56	69	96	182	276	276
23	37	56	68	96	182	275	275
24	37	56	68	96	182	275	275
25	37	55	68	95	181	274	274
26	36	55	69	95	181	274	274
27	35	54	71	94	180	273	273
28	35	54	73	94	179	273	273
29	34	53	77	93	179	272	272
30	34	52	79	92	178	272	272

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	123	135	141	163	280	375	3 537
2	122	134	140	161	279	387	2 656
3	120	133	141	165	272	405	2 012
4	120	133	143	168	269	406	1 557
5	120	134	146	169	269	396	1 234
6	120	136	147	171	267	382	1 000
7	120	137	148	172	266	364	826
8	120	137	148	174	265	359	694
9	119	137	148	175	264	358	590
10	119	137	149	177	264	357	508
11	118	137	149	177	263	356	441
12	117	136	148	176	262	355	386
13	116	135	147	175	261	354	354
14	115	133	146	173	259	353	353
15	113	131	144	171	257	351	351
16	111	129	142	169	255	349	349
17	108	127	139	167	253	346	346
18	106	125	137	165	251	344	344
19	104	123	135	163	249	342	342
20	102	121	133	161	247	340	340
21	100	119	131	159	244	338	338
22	98	116	129	156	242	336	336
23	95	114	127	154	240	333	333
24	93	112	124	152	238	331	331
25	91	110	122	150	236	329	329
26	89	108	120	148	234	327	327
27	87	105	118	146	231	325	325
28	85	103	116	143	229	323	323
29	83	101	114	141	227	321	321
30	81	99	112	140	225	319	319

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	9	15	36	154	309	3 196
2	0	10	17	38	155	352	2 392
3	1	12	20	44	152	368	1 810
4	1	14	24	49	150	368	1 399
5	2	17	28	52	151	359	1 109
6	4	20	31	55	152	345	899
7	6	23	33	58	152	329	743
8	6	23	34	60	152	311	624
9	6	24	36	63	152	293	531
10	6	25	37	65	152	276	457
11	6	25	38	65	151	259	397
12	6	25	37	65	151	244	347
13	6	25	37	65	151	244	306
14	6	24	38	65	150	244	271
15	6	24	40	64	150	244	244
16	6	24	43	64	150	243	243
17	6	24	46	64	150	243	243
18	7	24	48	64	150	243	243
19	7	24	50	64	150	244	244
20	7	25	53	65	151	244	244
21	7	25	55	65	151	244	244
22	9	25	58	65	151	245	245
23	9	26	61	66	152	245	245
24	10	26	62	66	152	245	245
25	10	26	65	67	152	245	245
26	10	26	67	69	152	245	245
27	11	26	70	71	152	245	245
28	11	26	72	73	152	245	245
29	11	26	75	75	152	245	245
30	12	26	78	77	152	245	245

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	31	43	50	71	188	311	3 224
2	32	44	50	71	189	355	2 412
3	30	43	52	75	183	371	1 823
4	29	43	53	78	179	370	1 409
5	29	44	55	79	178	361	1 117
6	32	48	59	83	179	347	905
7	30	47	57	82	176	331	748
8	33	51	62	87	179	313	628
9	33	51	62	89	178	295	534
10	28	46	59	86	173	277	459
11	24	42	55	82	169	262	399
12	21	39	52	80	165	259	349
13	18	37	50	77	163	256	307
14	17	35	48	75	161	255	272
15	15	34	46	74	160	253	253
16	14	32	45	72	158	252	252
17	13	32	46	72	158	251	251
18	12	31	48	71	157	250	250
19	12	31	50	71	157	250	250
20	12	31	53	71	157	250	250
21	12	31	55	71	157	250	250
22	12	31	58	71	157	250	250
23	12	31	61	71	156	250	250
24	12	30	63	70	156	250	250
25	12	30	65	70	156	250	250
26	11	30	67	70	156	249	249
27	11	30	70	71	156	249	249
28	11	30	73	73	156	249	249
29	11	30	75	75	156	249	249
30	12	30	78	77	155	249	249

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	206	218	225	246	363	458	3 794
2	203	215	222	243	360	455	2 795
3	198	211	219	243	351	446	2 083
4	194	208	218	242	344	438	1 593
5	190	204	216	239	339	432	1 255
6	186	202	213	238	334	427	1 015
7	183	200	211	235	329	423	840
8	179	196	207	233	325	418	709
9	175	193	204	231	320	414	607
10	171	189	202	229	316	409	525
11	167	186	198	226	312	405	457
12	163	182	194	222	308	401	401
13	159	178	190	218	304	397	397
14	155	174	186	214	300	393	393
15	151	170	182	210	296	389	389
16	148	166	179	206	292	386	386
17	144	163	175	203	289	382	382
18	141	160	172	200	286	379	379
19	138	157	169	197	283	376	376
20	135	154	166	194	280	373	373
21	132	151	163	191	277	370	370
22	129	148	161	188	274	367	367
23	127	145	158	185	271	364	364
24	124	142	155	182	268	362	362
25	121	140	152	180	266	359	359
26	118	137	149	177	263	356	356
27	116	134	147	174	260	354	354
28	113	132	144	172	258	351	351
29	111	129	142	169	255	349	349
30	108	127	139	167	253	346	346

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	14	25	51	169	314	3 249
2	0	14	25	51	169	357	2 425
3	1	16	28	55	166	372	1 830
4	1	20	31	60	165	371	1 413
5	3	23	36	66	165	362	1 119
6	5	27	39	68	166	347	907
7	8	30	42	70	166	331	749
8	10	34	45	74	166	313	629
9	12	37	49	76	166	295	535
10	14	39	51	77	167	277	460
11	14	40	52	78	167	260	399
12	15	42	54	79	166	260	349
13	16	43	54	80	166	260	308
14	17	44	55	80	166	260	272
15	17	44	55	80	166	260	260
16	17	44	55	80	166	259	259
17	17	44	55	80	166	259	259
18	17	44	55	80	166	259	259
19	17	44	55	80	166	260	260
20	17	44	55	80	166	260	260
21	17	44	55	80	167	260	260
22	17	44	58	80	167	260	260
23	17	44	61	80	167	260	260
24	17	44	63	80	166	260	260
25	17	44	65	80	166	260	260
26	17	44	67	80	166	259	259
27	17	44	70	80	166	259	259
28	17	44	72	80	165	259	259
29	17	44	75	80	165	258	258
30	17	44	78	80	165	258	258

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	14	132	292	3 009
2	0	1	6	13	130	333	2 245
3	1	1	8	16	124	347	1 697
4	1	3	11	19	120	347	1 314
5	1	4	13	21	120	339	1 043
6	2	4	16	24	119	326	846
7	2	6	19	26	119	311	701
8	2	6	21	29	119	295	589
9	4	7	24	31	119	278	502
10	4	8	27	33	119	262	432
11	4	9	28	36	119	246	376
12	4	9	31	38	119	231	329
13	4	11	34	40	119	216	290
14	5	11	37	42	119	213	257
15	6	13	38	44	120	213	229
16	6	13	41	46	120	213	213
17	6	14	43	49	120	213	213
18	6	15	46	51	121	214	214
19	7	16	48	52	122	214	214
20	7	16	51	55	125	215	215
21	7	18	53	57	126	215	215
22	8	18	55	58	128	216	216
23	8	19	58	61	130	216	216
24	8	21	60	63	131	216	216
25	9	21	63	65	133	216	216
26	9	22	64	66	134	216	216
27	10	23	67	68	136	216	216
28	10	24	69	70	136	216	216
29	10	24	72	72	138	216	216
30	11	26	75	73	138	216	216

ANNEX III

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

Currency	National insurance market	Volatility adjustment (in bps)
Euro	Austria	17
Euro	Belgium	17
Euro	Cyprus	17
Euro	Estonia	17
Euro	Finland	17
Euro	France	17
Euro	Germany	17
Euro	Greece	17
Euro	Ireland	17
Euro	Italy	17
Euro	Latvia	17
Euro	Lithuania	17
Euro	Luxembourg	17
Euro	Malta	17
Euro	Netherlands	17
Euro	Portugal	17
Euro	Slovakia	17
Euro	Slovenia	17
Euro	Spain	17
Czech koruna	Czech Republic	32
Danish krone	Denmark	49
Forint	Hungary	22
Krona	Sweden	4
Kuna	Croatia	2
Lev	Bulgaria	- 4
Pound sterling	United Kingdom	26
Romanian leu	Romania	9
Zloty	Poland	24
Króna	Iceland	3
Norwegian krone	Norway	23
Swiss franc	Liechtenstein	- 3
Swiss franc	Switzerland	- 3
Australian dollar	Australia	13
Canadian dollar	Canada	20

Currency	National insurance market	Volatility adjustment (in bps)
Renminbi-yuan	China	11
Hong Kong dollar	Hong Kong	5
US dollar	United States	66
Yen	Japan	2

DECISIONS

COUNCIL IMPLEMENTING DECISION (EU) 2022/2283

of 21 November 2022

amending Implementing Decision (EU) 2020/1351 granting temporary support under Regulation (EU) 2020/672 to the Republic of Latvia to mitigate unemployment risks in the emergency following the COVID-19 outbreak

THE COUNCIL OF THE EUROPEAN UNION,

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

Having regard to Council Regulation (EU) 2020/672 of 19 May 2020 on the establishment of a European instrument for temporary support to mitigate unemployment risks in an emergency (SURE) following the COVID-19 outbreak ⁽¹⁾, and in particular Article 6(1) thereof,

Having regard to the proposal from the European Commission,

Whereas:

- (1) Further to a request from Latvia on 7 August 2020, the Council, by means of Implementing Decision (EU) 2020/1351 ⁽²⁾, granted financial assistance to Latvia in the form of a loan amounting to a maximum of EUR 192 700 000 with a maximum average maturity of 15 years, and with an availability period of 18 months, with a view to complementing Latvia's national efforts to address the impact of the COVID-19 outbreak and respond to the socioeconomic consequences of that outbreak for workers and the self-employed.
- (2) The loan was to be used by Latvia to finance the short-time work schemes, similar measures and health-related measures, as referred to in Article 3 of Implementing Decision (EU) 2020/1351.
- (3) Further to a second request from Latvia on 11 March 2021, the Council, by means of Implementing Decision (EU) 2021/677 ⁽³⁾ amending Implementing Decision (EU) 2020/1351, granted additional financial assistance of EUR 112 500 000 to Latvia by increasing the maximum loan amount to EUR 305 200 000 with a maximum average maturity of 15 years, and with an availability period of 18 months, with a view to complementing Latvia's national efforts to address the impact of the COVID-19 outbreak and respond to the socioeconomic consequences of that outbreak for workers and the self-employed.
- (4) The additional loan was to be used by Latvia to finance the short-time work schemes, similar measures and health-related measures, as referred to in Article 3 of Implementing Decision (EU) 2020/1351.
- (5) The COVID-19 outbreak has immobilised a substantial part of the labour force in Latvia. This has led to repeated sudden and severe increases in public expenditure in Latvia in respect of the measures referred to in Article 3, points (a), (c), (d), (g), (h), (f) and (i), of Implementing Decision (EU) 2020/1351.
- (6) The COVID-19 outbreak and the extraordinary measures implemented by Latvia in 2020, 2021 and 2022 to contain that outbreak and its socioeconomic and health-related impact had and are still having a dramatic impact on public finances. In 2020, Latvia had a general government deficit and debt of 4,5 % and 43,3 % of the gross domestic product (GDP) respectively, which widened to 7,3 % and 44,8 % respectively at the end of 2021. According to the

⁽¹⁾ OJ L 159, 20.5.2020, p. 1.

⁽²⁾ Council Implementing Decision (EU) 2020/1351 of 25 September 2020 granting temporary support under Regulation (EU) 2020/672 to the Republic of Latvia to mitigate unemployment risks in the emergency following the COVID-19 outbreak (OJ L 314, 29.9.2020, p. 38).

⁽³⁾ Council Implementing Decision (EU) 2021/677 of 23 April 2021 amending Implementing Decision (EU) 2020/1351 granting temporary support under Regulation (EU) 2020/672 to the Republic of Latvia to mitigate unemployment risks in the emergency following the COVID-19 outbreak (OJ L 144, 27.4.2021, p. 7).

Commission's 2022 spring forecast, Latvia is expected to have a general government deficit and debt of 7,2 % and 47,0 % of the GDP respectively by the end of 2022. According to the Commission's 2022 summer interim forecast, Latvia's GDP is projected to increase by 3,9 % in 2022.

- (7) On 6 October 2022 Latvia requested further financial assistance from the Union to the amount of EUR 167 607 000 with a view to continuing to complement its national efforts undertaken in 2020, 2021 and 2022 to address the impact of the COVID-19 outbreak and respond to the socioeconomic consequences of the outbreak for workers and the self-employed. In particular, Latvia further extended or amended the short-time work schemes and similar measures set out in recitals (8) to (12).
- (8) The scheme for the compensation of idle time for workers applies to companies, self-employed persons and payers of the licence fee, whose income from economic activity has decreased by at least 20 %, as compared to August to October 2020 on average. The scheme pays compensations to furloughed employees or self-employed persons of 50 % or 70 % of their salaries or incomes, depending on the tax regime under which they operate. The minimum level of support is set at EUR 500 and the maximum at EUR 1 000 per employee per calendar month. The scheme is established by Cabinet Regulation No 709 (adopted on 24 November 2020 ⁽⁴⁾) and amended on 12 January 2021 ⁽⁵⁾, 19 January 2021 ⁽⁶⁾, 4 February 2021 ⁽⁷⁾ and 26 February 2021 ⁽⁸⁾) 'Regulations Regarding the Allowance for Idle Time for Taxpayers for the Continuation of their Activity in the Circumstances of the COVID-19 Crisis'. The measure extends the scheme referred to in Article 3, point (a), of Implementing Decision (EU) 2020/1351 to persons employed in the beauty industry, allows persons who have changed their tax treatment as from 2021 to qualify for the support, improves the qualifying conditions for the patent payers and allows the beneficiaries to choose between two qualifying criteria to apply for the support.
- (9) Attached to the scheme for the compensation of idle time for workers is the workers' bonus for children referred to in Article 3, point (c), of Implementing Decision (EU) 2020/1351 for which Latvia requests additional support. The bonus of EUR 50 per month per child provides an additional support for idle workers who are entitled to personal income tax relief for dependants. The support measure was extended by 'Cabinet Order No 706 of 1 December 2020 "Regarding the Allocation of Funds from the State Budget Programme 'Funds for Unforeseen Events'" ' ⁽⁹⁾ and 'Cabinet Order No 15 of 11 January 2021 "Regarding the Allocation of Funds from the State Budget Programme 'Funds for Unforeseen Events'" ' ⁽¹⁰⁾. The measure can be considered to be a similar measure to short-time work schemes, as referred to in Regulation (EU) 2020/672, as it provides income support to employees and the self-employed, which will help to cover the costs of childcare during school closures and therefore help parents to continue working, preventing putting the employment relationship at risk.
- (10) The scheme for wage subsidies provides support to employers facing a decrease in revenue from any economic activity by at least 20 %. The scheme amounts to 50 % of the average monthly gross wage, but not more than EUR 500 per calendar month. The beneficiary employers are obliged to maintain employment of supported workers and to top up the wage subsidy to the full regular wage. The scheme is established by 'Cabinet Regulation No 675 on "Regulations Regarding the Provision of Aid to Taxpayers for the Continuation of their Activity in the Circumstances of the COVID-19 Crisis"' (adopted on 10 November 2020 ⁽¹¹⁾ and amended on 12 January 2021 ⁽¹²⁾, 1 April 2021 ⁽¹³⁾, 26 October 2021 ⁽¹⁴⁾, 9 November 2021 ⁽¹⁵⁾, 30 November 2021 ⁽¹⁶⁾, 7 December 2021 ⁽¹⁷⁾, 23 December 2021 ⁽¹⁸⁾ and 11 January 2022 ⁽¹⁹⁾) and 'Cabinet Order No 128 "Regarding Allocation of Funds from the State Budget Programme 'Funds for Unforeseen Events'" ' ⁽²⁰⁾. The measure extends the support period of the

⁽⁴⁾ Latvijas Vēstnesis, 230B, 27.11.2020.

⁽⁵⁾ Latvijas Vēstnesis, 9A, 14.1.2021.

⁽⁶⁾ Latvijas Vēstnesis, 15, 22.1.2021.

⁽⁷⁾ Latvijas Vēstnesis, 25A, 5.2.2021.

⁽⁸⁾ Latvijas Vēstnesis, 48, 10.3.2021.

⁽⁹⁾ Latvijas Vēstnesis, 234, 3.12.2020.

⁽¹⁰⁾ Latvijas Vēstnesis, 9, 14.1.2021.

⁽¹¹⁾ Latvijas Vēstnesis, 222A, 16.11.2020.

⁽¹²⁾ Latvijas Vēstnesis, 9, 14.1.2021.

⁽¹³⁾ Latvijas Vēstnesis, 66, 7.4.2021.

⁽¹⁴⁾ Latvijas Vēstnesis, 211, 1.11.2021.

⁽¹⁵⁾ Latvijas Vēstnesis, 220, 12.11.2021.

⁽¹⁶⁾ Latvijas Vēstnesis, 236, 7.12.2021.

⁽¹⁷⁾ Latvijas Vēstnesis, 240, 13.12.2021.

⁽¹⁸⁾ Latvijas Vēstnesis, 249A, 27.12.2021.

⁽¹⁹⁾ Latvijas Vēstnesis, 9, 13.1.2022.

⁽²⁰⁾ Latvijas Vēstnesis, 42, 2.3.2021.

scheme referred to in Article 3, point (d), of Implementing Decision (EU) 2020/1351 and expands the scope of eligibility by allowing the beneficiaries to choose between two qualifying criteria to apply for the support, removes the risk of overcompensation, clarifies eligibility restrictions for patent payers and limits eligibility for support from October 2021 to February 2022 to persons owning a COVID-19 certificate attesting to vaccination against COVID-19 or the fact of illness.

- (11) The COVID-19 related sickness benefits scheme provides state-paid sickness benefits for those who had to miss work due to a requirement to self-isolate or self-quarantine, while normally, part of the sickness benefit is shared with employer. The scheme is established by the Amendment to the Law 'On Maternity and Sickness Insurance' (adopted on 20 March 2020 ⁽²¹⁾ and amended on 12 November 2020 ⁽²²⁾, 4 November 2021 ⁽²³⁾ and 13 January 2022 ⁽²⁴⁾). The measure provides for the extension of the support period of the COVID-19 related sickness benefits referred to in Article 3, point (g), of Implementing Decision (EU) 2020/1351 and at the same time narrows the scope of eligibility of the support to persons holding a COVID-19 vaccination or disease certificate or having received an opinion on the need to postpone vaccination against COVID-19, and specifies cases and conditions when employers should step in to pay any sick leave to the employee without state support.
- (12) Sickness aid benefits for parents and caretakers provide support for employees who cannot work remotely and have to look after children under 10 years of age or persons with disabilities when schools and day-care centres are closed due to the COVID-19 outbreak. The measure can be considered to be a similar measure to short-time work schemes, as referred to in Regulation (EU) 2020/672, as it provides income support to parents and caretakers and helps to preserve employment by preventing parents and caretakers who have to look after children or persons with disabilities while schools and day-care centres are closed from needing to terminate the employment relationship. Sickness aid benefits are provided for in the 'Amendment to the Law "On Maternity and Sickness Insurance" of 26 November 2020' ⁽²⁵⁾ and 'Cabinet Order No 707 of 1 December 2020 "Regarding the Allocation of Funds from the State Budget Programme "Funds for Unforeseen Events""' ⁽²⁶⁾ and 'Cabinet Order No 13 of 11 January 2021 "Regarding the Allocation of Funds from the State Budget Programme "Funds for Unforeseen Events""' ⁽²⁷⁾. Latvia requests additional support for the existing measure referred to in Article 3, point (h), of Implementing Decision (EU) 2021/677.
- (13) Latvia also further extended or amended a series of health-related measures to address the COVID-19 outbreak. In particular, this concerns the measures set out in recitals (14) to (15).
- (14) Health-related expenditure is foreseen for personal protective equipment for public sector employees to ensure a safe working environment for those exposed to the COVID-19 virus infection. The scheme is established by the 'Cabinet Regulation No 380 on "Regulations on the Resources for Ensuring Epidemiological Safety Necessary for Institutions Included in the List of Priority Institutions and Needs"' (adopted on 9 June 2020 ⁽²⁸⁾). Latvia requests additional support for the existing measure referred to in Article 3, point (f), of Implementing Decision (EU) 2020/1351.
- (15) Premiums for medical practitioners and employees dealing with the COVID-19 crisis of 20 % to 100 % of monthly salaries rewards work performed in conditions of increased risk and increased workload, as provided for in 'Cabinet Orders No 136 of 27 March 2020 ⁽²⁹⁾ and No 656 of 6 November 2020 "Regarding the Allocation of Funds from the State Budget Programme "Funds for Unforeseen Events""' ⁽³⁰⁾, 'Cabinet Order No 743 of 8 December 2020 "Amendments to Cabinet Order No 655 of 6 November 2020 "On Declaring a State of Emergency""' ⁽³¹⁾ and 'Cabinet Order No 37 of 21 January 2021 "Regarding the Allocation of Funds from the State Budget Programme "Funds for Unforeseen Events""' ⁽³²⁾. Those premiums are additional to the maximum premium set in the 'Law On Remuneration of Officials and Employees of State and Local Government Authorities'. The measure supports

⁽²¹⁾ Latvijas Vēstnesis, 57B, 21.3.2020.

⁽²²⁾ Latvijas Vēstnesis, 221A, 13.11.2020.

⁽²³⁾ Latvijas Vēstnesis, 215A, 5.11.2021.

⁽²⁴⁾ Latvijas Vēstnesis, 10A, 14.1.2022.

⁽²⁵⁾ Latvijas Vēstnesis, 230A, 27.11.2020.

⁽²⁶⁾ Latvijas Vēstnesis, 234, 3.12.2020.

⁽²⁷⁾ Latvijas Vēstnesis, 9, 14.1.2021.

⁽²⁸⁾ Latvijas Vēstnesis, 113A, 12.6.2020.

⁽²⁹⁾ Latvijas Vēstnesis, 62B, 27.3.2020.

⁽³⁰⁾ Latvijas Vēstnesis, 218, 10.11.2020.

⁽³¹⁾ Latvijas Vēstnesis, 237A, 8.12.2020.

⁽³²⁾ Latvijas Vēstnesis, 16, 25.1.2021.

employment by ensuring the health and safety of employees and the continuity of essential public services. Latvia requests additional support for the existing measure referred to in Article 3, point (i), of Implementing Decision (EU) 2020/1351.

- (16) Latvia fulfils the conditions for requesting financial assistance set out in Article 3 of Regulation (EU) 2020/672. Latvia has provided the Commission with appropriate evidence that the actual and planned public expenditure has increased by EUR 508 124 069 as of 1 February 2020 as a result of the national measures taken to address the socioeconomic effects of the COVID-19 outbreak. This constitutes a sudden and severe increase because it is also related to an extension or amendment of existing national measures directly related to the short-time work scheme and similar measures that cover a significant proportion of undertakings and of the labour force in Latvia. Latvia intends to finance EUR 35 317 069 through its own financing.
- (17) The Commission has consulted Latvia and verified the sudden and severe increase in the actual and planned public expenditure directly related to short-time work schemes and similar measures, as well as the recourse to relevant health-related measures related to the COVID-19 outbreak, as referred to in the request of 6 October 2022, in accordance with Article 6 of Regulation (EU) 2020/672.
- (18) The health-related measures referred to in Latvia's request of 6 October 2022 and in recitals (14) to (15) amount to EUR 70 921 236.
- (19) Financial assistance should therefore be provided with a view to helping Latvia to address the socioeconomic effects of the severe economic disturbance caused by the COVID-19 outbreak. The Commission should take the decisions concerning maturities, size and release of instalments and tranches in close cooperation with national authorities.
- (20) Given that the availability period indicated in Implementing Decision (EU) 2020/1351 has expired, a new availability period for the additional financial assistance is needed. The availability period for financial assistance of 18 months granted by Implementing Decision (EU) 2020/1351 should be extended by 21 months and, as a consequence, the total availability period should be 39 months starting from the first day after Implementing Decision (EU) 2020/1351 has taken effect.
- (21) Latvia and the Commission should take this Decision into account in the loan agreement referred to in Article 8(2) of Regulation (EU) 2020/672.
- (22) This Decision should be without prejudice to the outcome of any procedures relating to distortions of the operation of the internal market that may be undertaken, in particular pursuant to Articles 107 and 108 of the Treaty. It does not override the requirement for Member States to notify instances of potential State aid to the Commission under Article 108 of the Treaty.
- (23) Latvia should inform the Commission on a regular basis of the implementation of the planned public expenditure, in order to enable the Commission to assess the extent to which Latvia has implemented that expenditure.
- (24) The decision to provide financial assistance has been reached taking into account existing and expected needs of Latvia, as well as requests for financial assistance pursuant to Regulation (EU) 2020/672 already submitted or planned to be submitted by other Member States, while applying the principles of equal treatment, solidarity, proportionality and transparency,

HAS ADOPTED THIS DECISION:

Article 1

Implementing Decision (EU) 2020/1351 is amended as follows:

(1) Article 2 is amended as follows:

(a) paragraphs 1 and 2 are replaced by the following:

‘1. The Union shall make available to Latvia a loan amounting to a maximum of EUR 472 807 000. The loan shall have a maximum average maturity of 15 years.

2. The availability period for financial assistance granted by this Decision shall be 39 months starting from the first day after this Decision has taken effect.’;

(b) paragraph 4 is replaced by the following:

‘4. The first instalment shall be released subject to the entry into force of the loan agreement provided for in Article 8(2) of Regulation (EU) 2020/672. Any further instalments shall be released in accordance with the terms of that loan agreement or, where relevant, be subject to the entry into force of an addendum thereto, or of an amended loan agreement concluded between Latvia and the Commission replacing the original loan agreement.’;

(2) Article 3 is replaced by the following:

Article 3

Latvia may finance the following measures:

- (a) the scheme for the compensation of idle time for workers, as provided for in “Cabinet Regulations No 179 (adopted on 31 March 2020) ‘Regulations Regarding the Allowance for Idle Time for the Self-employed Persons Affected by the Spread of COVID-19’ and No 165 (adopted on 26 March 2020) ‘Regulations Regarding the Employers Affected by the Crisis Caused by COVID-19 which are Eligible for the Allowance for Idle Time and Division of the Payment for Late Tax Payments in Instalments or Deferral Thereof for up to Three Years’”, as extended and last amended by Amendments to the Cabinet Regulation No 709 “Regulations Regarding the Allowance for Idle Time for Taxpayers for the Continuation of their Activity in the Circumstances of the COVID-19 Crisis” on 19 January 2021, 4 February 2021 and 26 February 2021;
- (b) the downtime allowance, as provided for on the basis of “Cabinet Regulation No 236 (adopted on 23 April 2020) ‘Regulations Regarding the Assistance Allowance for Idle Time for Employed or Self-employed Persons who have been Affected by the Spread of COVID-19’”;
- (c) the workers’ bonus for children, as provided for in “Cabinet Order No 178 of 16 April 2020 ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events””, as extended;
- (d) the scheme for wage subsidies for the tourism and export industries, as provided for in “Information report on measures to overcome the COVID-19 crisis and economic recovery”, as extended and last amended by Amendments to the Cabinet Regulation No 675 on “Regulations Regarding the Provision of Aid to Taxpayers for the Continuation of their Activity in the Circumstances of the COVID-19 Crisis” on 1 April 2021, 26 October 2021, 9 November 2021, 30 November 2021, 7 December 2021, 23 December 2021 and 11 January 2022;
- (e) wage support payments for medical professionals and those employed by the cultural industry, as provided for in the “Law On Measures for the Prevention and Suppression of Threat to the State and Its Consequences Due to the Spread of COVID-19”, the “Law on the Suppression of Consequences of the Spread of COVID-19 Infection” and “Cabinet Order No 303 of 3 June 2020 ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events””, respectively;
- (f) health-related expenditure on protective personal equipment, as provided for in “Cabinet Orders No 79 of 3 March 2020, No 118 of 20 March 2020 and No 220 of 27 April 2020, ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events””, “Cabinet Regulation No 380 of 9 June 2020 ‘Regulations on the Resources for Ensuring Epidemiological Safety Necessary for Institutions Included in the List of Priority Institutions and Needs’”;
- (g) COVID-19 related sickness benefits, as provided for in the “Amendment to the Law ‘On Maternity and Sickness Insurance’ (adopted on 20 March 2020), as extended and last amended by the Amendments to the Law “On Maternity and Sickness Insurance” on 4 November 2021 and 13 January 2022;
- (h) sickness aid benefits for parents and caretakers, as provided for in the “Amendment to the Law ‘On Maternity and Sickness Insurance’ (Sections 48 and 49 of transitional provisions), adopted on 26 November 2020, “Cabinet Order No 707 of 1 December 2020 ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events”” and “Cabinet Order No 13 of 11 January 2021 ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events””;

- (i) premiums for medical practitioners and employees dealing with the COVID-19 crisis, as provided for in “Cabinet Order No 136 Adopted on 27 March 2020 ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events””, “Cabinet Order No 656 Adopted on 6 November 2020 ‘Regarding the Allocation of Funds from the State Budget Programme “Funds for Unforeseen Events””, “Cabinet Order No 743 of 8 December 2020 ‘Amendment to Cabinet Order No 655 of 6 November 2020 “On Declaring a State of Emergency”” and “Cabinet Order No 37 Adopted on 21 January 2021 Regarding the Allocation of Funds from the State Budget Programme ‘Funds for Unforeseen Events”.’

Article 2

This Decision is addressed to the Republic of Latvia.

This Decision shall take effect on the date of its notification to the addressee.

Article 3

This Decision shall be published in the *Official Journal of the European Union*.

Done at Brussels, 21 November 2022.

For the Council
The President
Z. NEKULA

COMMISSION IMPLEMENTING DECISION (EU) 2022/2284**of 14 November 2022****amending the Annex to Implementing Decision (EU) 2021/641 concerning emergency measures in relation to outbreaks of highly pathogenic avian influenza in certain Member States***(notified under document C(2022) 8308)***(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) 2016/429 of the European Parliament and of the Council of 9 March 2016 on transmissible animal diseases and amending and repealing certain acts in the area of animal health ('Animal Health Law') ⁽¹⁾, and in particular Article 259(1), point (c), thereof,

Whereas:

- (1) Highly pathogenic avian influenza (HPAI) is an infectious viral disease in birds and may have a severe impact on the profitability of poultry farming causing disturbance to trade within the Union and exports to third countries. HPAI viruses can infect migratory birds, which can then spread these viruses over long distances during their autumn and spring migrations. Therefore, the presence of HPAI viruses in wild birds poses a continuous threat for the direct and indirect introduction of these viruses into establishments where poultry or captive birds are kept. In the event of an outbreak of HPAI, there is a risk that the disease agent may spread to other establishments where poultry or captive birds are kept.
- (2) Regulation (EU) 2016/429 establishes a new legislative framework for the prevention and control of diseases that are transmissible to animals or humans. HPAI falls within the definition of a listed disease in that Regulation, and it is subject to the disease prevention and control rules laid down therein. In addition, Commission Delegated Regulation (EU) 2020/687 ⁽²⁾ supplements Regulation (EU) 2016/429 as regards the rules for the prevention and control of certain listed diseases, including disease control measures for HPAI.
- (3) Commission Implementing Decision (EU) 2021/641 ⁽³⁾ was adopted within the framework of Regulation (EU) 2016/429 and it lays down emergency measures at Union level in relation to outbreaks of HPAI.
- (4) More particularly, Implementing Decision (EU) 2021/641 provides that the protection, surveillance and further restricted zones established by the Member States following outbreaks of HPAI, in accordance with Delegated Regulation (EU) 2020/687, are to comprise at least the areas listed as protection, surveillance and further restricted zones in the Annex to that Implementing Decision.
- (5) The Annex to Implementing Decision (EU) 2021/641 was recently amended by Commission Implementing Decision (EU) 2022/2176 ⁽⁴⁾ following outbreaks of HPAI in poultry or captive birds in Belgium, Bulgaria, Germany, France, Italy and the Netherlands that needed to be reflected in that Annex.

⁽¹⁾ OJ L 84, 31.3.2016, p. 1.

⁽²⁾ Commission Delegated Regulation (EU) 2020/687 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and the Council, as regards rules for the prevention and control of certain listed diseases (OJ L 174, 3.6.2020, p. 64).

⁽³⁾ Commission Implementing Decision (EU) 2021/641 of 16 April 2021 concerning emergency measures in relation to outbreaks of highly pathogenic avian influenza in certain Member States (OJ L 134, 20.4.2021, p. 166).

⁽⁴⁾ Commission Implementing Decision (EU) 2022/2176 of 31 October 2022 amending the Annex to Implementing Decision (EU) 2021/641 concerning emergency measures in relation to outbreaks of highly pathogenic avian influenza in certain Member States (OJ L 286, 8.11.2022, p. 9).

- (6) Since the date of adoption of Implementing Decision (EU) 2022/2176, Belgium, Germany, France, Italy and the Netherlands have notified the Commission of further outbreaks of HPAI in establishments where poultry or captive birds were kept, located in the Antwerp Province in Belgium, in the Bayern, Lower Saxony, North Rhine-Westphalia and Schleswig-Holstein Lander in Germany, in the Côtes-d'Armor, Deux-Sèvres, Indre, Loiret, Lot, Loir-et-Cher and Vendée Departments in France, in the Friuli-Venezia Giulia, Lombardy and Veneto Regions in Italy, and in the Friesland, Limburg and Noord-Brabant Provinces in the Netherlands.
- (7) In addition, Austria, Denmark and Hungary have notified the Commission of outbreaks of HPAI in establishments where poultry or captive birds were kept, located in the Graz-Umgebung District in Austria, in the Slagelse and Sønderborg Municipalities in Denmark and in the Bács-Kiskun and Csongrád-Csanád Counties in Hungary.
- (8) The competent authorities of Austria, Belgium, Denmark, Germany, France, Hungary, Italy and the Netherlands have taken the necessary disease control measures required in accordance with Delegated Regulation (EU) 2020/687, including the establishment of protection and surveillance zones around those outbreaks.
- (9) In addition, the outbreak confirmed in Belgium is located in close proximity to the border with the Netherlands. Accordingly, the competent authorities of these Member States have duly collaborated with regard to the establishment of the necessary protection and surveillance zones, in accordance with Delegated Regulation (EU) 2020/687, as the protection and surveillance zones extend into the territory of the Netherlands.
- (10) The Commission has examined the disease control measures taken by Austria, Belgium, Denmark, Germany, France, Hungary, Italy and the Netherlands in collaboration with those Member States and it is satisfied that the boundaries of the protection and surveillance zones in Austria, Belgium, Denmark, Germany, France, Hungary, Italy and the Netherlands, established by the competent authority of those Member States are at a sufficient distance from the establishments where the outbreaks of HPAI have been confirmed.
- (11) In the Annex to Implementing Decision (EU) 2021/641, there are currently no areas listed as protection and surveillance zones for Austria, Denmark and Hungary.
- (12) In order to prevent any unnecessary disturbance to trade within the Union and to avoid unjustified barriers to trade being imposed by third countries, it is necessary to rapidly describe at Union level, in collaboration with Austria, Belgium, Denmark, Germany, France, Hungary, Italy and the Netherlands, the protection and surveillance zones duly established by these Member States in accordance with Delegated Regulation (EU) 2020/687.
- (13) Therefore, the areas listed as protection and surveillance zones for Belgium, Germany, France, Italy and the Netherlands in the Annex to Implementing Decision (EU) 2021/641 should be amended.
- (14) In addition, protection and surveillance zones should be listed for Austria, Denmark and Hungary in the Annex to Implementing Decision (EU) 2021/641.
- (15) Accordingly, the Annex to Implementing Decision (EU) 2021/641 should be amended to update regionalisation at Union level to take account of the protection and surveillance zones duly established by Austria, Belgium, Denmark, Germany, France, Hungary, Italy and the Netherlands in accordance with Delegated Regulation (EU) 2020/687, and the duration of the measures applicable therein.
- (16) Implementing Decision (EU) 2021/641 should therefore be amended accordingly.
- (17) Given the urgency of the epidemiological situation in the Union as regards the spread of HPAI, it is important that the amendments to be made to Implementing Decision (EU) 2021/641 by this Decision take effect as soon as possible.

- (18) 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 (EU) 2021/641 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, 14 November 2022.

For the Commission
Stella KYRIAKIDES
Member of the Commission

ANNEX

‘ANNEX

Part A

Protection zones in the concerned Member States* as referred to in Articles 1 and 2:

Member State: Austria

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
	STEIERMARK	
AT-HPAI(NON-P)-2022- 00021	Bezirk Graz-Umgebung: in der Gemeinde Kumberg die Katastralgemeinden Gschwendt, Hofstätten, Kumberg und Rabnitz und in der Gemeinde Eggersdorf bei Graz die Katastralgemeinden Hart bei Eggersdorf, Haselbach und Purgstall	3.12.2022

Member State: Belgium

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
BE-HPAI(P)-2022-00008	Those parts of the municipalities Baarle-Hertog and Hoogstraten contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4,799186, lat 51,431161.	13.11.2022
BE-HPAI(P)-2022-00009	Those parts of the municipalities Baarle-Hertog and Hoogstraten contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4,770673, lat 51,436901.	18.11.2022

Member State: Bulgaria

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
<i>Region: Haskovo</i>		
BG-HPAI(P)-2022-00021	The following village in the Haskovo municipality: Krivo pole, Koren and Momino	23.11.2022

Member State: Denmark

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
DK-HPAI(P)-2022-00006	The parts of Slagelse municipality that are contained within a circle of radius 3 km, centered on GPS coordinates N 55,2347; E 11,3952	4.12.2022
DK-HPAI(NON-P)-2022-00148	The parts of Sønderborg municipality that are contained within a circle of radius 3 km, centered on GPS coordinates N 54,9365; E 9,9795	20.11.2022

Member State: Germany

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
BAYERN		
DE-HPAI(NON-P)-2022-01198	Kreis Miltenberg 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9.178982 /49.740677 Betroffen ist die Stadt Klingenberg a. Main mit der Gemarkung Trennfurt und Röllfeld sowie die Gemeinden Großheubach, Kleinheubach, Rüdenau und Laudenbach	28.11.2022
HESSEN		
DE-HPAI(NON-P)-2022-01198	Landkreis Odenwald In der Gemeinde Michelstadt die Gemarkung Vielbrunn östlich der Langestein-Schneise und der K 94 ab dem Abzweig zur Alten Laudenbacher Straße	28.11.2022
NIEDERSACHSEN		
DE-HPAI(P)-2022-00076	Landkreis Aurich 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.400775 / 53.610321 Betroffen sind Teile der Gemeinden Dornum und Großheide.	15.11.2022

DE-HPAI(P)-2022-00066 DE-HPAI(P)-2022-00071 DE-HPAI(P)-2022-00073 DE-HPAI(P)-2022-00074 DE-HPAI(P)-2022-00075 DE-HPAI(P)-2022-00078	Landkreis Emsland Union der 3 km- Radien um die Ausbruchsbetriebe mit den GPS Koordinaten: — 7.637125 / 52.928354 — 7.636603 / 52.946859 — 7.626829 / 52.927051 — 7.627312 / 52.927022 — 7.623793 / 52.928842 — 7.621157 / 52.951913 Betroffen sind Teile der Gemeinden Börger, Breddenberg, Esterwegen und Lorup.	20.11.2022
DE-HPAI(P)-2022-00079	Landkreis Osnabrück 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 8.103891 / 52.330964 Betroffen sind Teile der Gemeinden Belm, Bissendorf, Bohmte, Bramsche, Ostercappeln, Wallenhorst und der Stadt Osnabrück.	22.11.2022
DE-HPAI(P)-2022-00076	Landkreis Wittmund 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.400775 / 53.610321 Betroffen sind Teile der Gemeinden Nenndorf und Westerholt.	15.11.2022
NORDRHEIN-WESTFALEN		
DE-HPAI(P)-2022-00065	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.462180 / 51.846040) Betroffen sind Teile: des Kreises Gütersloh mit den Städten Rietberg und Verl	17.11.2022
DE-HPAI(P)-2022-00068	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.567262 / 51.883038) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl und Schloß Holte-Stukenbrock	17.11.2022
DE-HPAI(P)-2022-00072	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.541434 51.842651) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl und Rietberg — des Kreises Paderborn mit der Stadt Delbrück und der Gemeinde Hövelhof	17.11.2022

DE-HPAI(P)- 2022-00077	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.527468 51.845571) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl und Rietberg — des Kreises Paderborn mit der Stadt Delbrück und der Gemeinde Hövelhof	17.11.2022
DE-HPAI(P)- 2022-00080	Oberbergischer Kreis 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.710063 / 50.961332) Betroffen sind Teile: — des Oberbergischen Kreises mit der Gemeinde Reichshof	23.11.2022
DE-HPAI(NON-P)- 2022-01197	Rhein-Sieg-Kreis 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.231225 / 50.858356) Betroffen sind Teile: — des Rhein-Sieg-Kreises mit den Städten Lohmar und Troisdorf	15.11.2022
DE-HPAI(P)- 2022-00081	Kreis Siegen-Wittgenstein 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.980232 / 50.871116) Betroffen sind Teile: — des Kreises Siegen-Wittgenstein mit den Städten Siegen und Freudenberg	19.11.2022
SCHLESWIG-HOLSTEIN		
DE-HPAI(P)- 2022-00082	Hansestadt Lübeck Ausgehend im Norden von An der Bundesstr. Haus-Nr.12 die Stadtgrenze nach Osten entlang bis zur Schwartauer Landstr., Schwartauer Allee bis zu und weiter auf Bei der Lohmühle, Schönböckener Str., Steinrader Damm bis Hofland, Hofland bis zur Kieler Str., Kieler Str. nach Nordwesten bis zum Kreisverkehr, Steinrader Hauptstr. bis zur Stadtgrenze, die Stadtgrenze entlang nach Norden bis zu An der Bundesstr. Haus-Nr.12	24.11.2022
DE-HPAI(P)- 2022-00082	Kreis Ostholstein Die in Folge beschriebenen Gebieten in den Gemeinden Stockelsdorf und Bad Schwartau: Entlang der L 185 ab dem Ortsteil Pohnsdorf Richtung Westen; über die Mühlenstraße und die Hindenburgstraße weiter über den Cleverhofer Weg bis zur Kreisgrenze zur Stadt Lübeck. Der Kreisgrenze folgend bis im Bereich der L 332 (Kreisgrenze zum Kreis Segeberg) entlang dem Fluss Heilsau Richtung Krumbecker Hof. Im Ortsteil Obernwohlde über die Straße „Am Brink“ Richtung Arfrade. Entlang der Clever Au bis zur L 185 im Bereich Pohnsdorf.	24.11.2022

DE-HPAI(P)- 2022-00083	Kreis Rendsburg-Eckernförde 3 km Radius um Primär-Ausbruchsbetrieb GPS Koordinaten 9,799269 / 54,237815 Teile der Gemeinden Emkendorf, Bokel und Groß Vollstedt	27.11.2022
DE-HPAI(P)- 2022-00070	Kreis Schleswig-Flensburg 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind die Gemeinden oder Teile der Gemeinden: Ausacker, Hürup, Husby, Maasbüll, Grundhof, Sörup	11.11.2022
DE-HPAI(P)- 2022-00069	Kreis Schleswig-Flensburg 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind die Gemeinden oder Teile der Gemeinden: Ausacker, Hürup, Husby, Maasbüll, Grundhof, Sörup	11.11.2022

Member State: Spain

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
ES-HPAI(P)- 2022-00036	Those parts in the province of Guadalajara of the comarca of Guadalajara contained within a circle of a radius of 3 kilometres, centered on UTM 30, ETRS89 coordinates long -3,1622795 , lat 40,7275418	11.11.2022
ES-HPAI(P)- 2022-00037	Those parts in the province of Guadalajara of the comarca of Guadalajara contained within a circle of a radius of 3 kilometres, centered on UTM 30, ETRS89 coordinates long -3,1695321 , lat 40,7068421	12.11.2022

Member State: France

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
<i>Département: Ain (01)</i>		
FR-HPAI(P)- 2022-01398	BEY CRUZILLES LES MEPILLAT GARNERANS ILLIAT SAINT ANDRE D HUIRIAT	9.11.2022

<i>Département: Côtes-d'Armor (22)</i>		
FR-HPAI(P)- 2022-01406	ÉRÉAC MÉRILLAC MERDRIGNAC LE MENÉ SAINT-VRAN SAINT-LAUNEUC	17.11.2022
FR-HPAI(P)- 2022-01413	HILLION LANGUEUX	22.11.2022
<i>Département: Dordogne (24)</i>		
FR-HPAI(P)- 2022-01400	LUNAS PRIGONRIEUX (au nord de la D34) SAINT GEORGES BLANCANEIX	10.11.2022
<i>Département: Indre (36)</i>		
FR-HPAI(P)- 2022-01412	AIZE : Sud de D31 et route entre Moulin Bailly et Aize BUXEUIL : Sud de D960 ROUVRES LES BOIS	24.11.2022
<i>Département: Loiret (45)</i>		
FR-HPAI(P)- 2022-01407	AUVILLIERS-EN-GÂTINAIS BEAUCHAMPS-SUR-HUILLARD CHAILLY-EN-GÂTINAIS CHÂTENOT COUDROY	17.11.2022
<i>Département: Maine-et-Loire (49)</i>		
FR-HPAI(P)- 2022-01389	BOUCHEMAINE SAVENNIÈRES	9.11.2022
FR-HPAI(P)- 2022-01394	BRIOLLAY MONTREUIL-SUR-LOIR RIVES-DU-LOIR-EN-ANJOU SEICHES-SUR-LE-LOIR TIERCE	14.11.2022
FR-HPAI(P)- 2022-01395 FR-HPAI(P)- 2022-01396	BEAUPREAU-EN-MAUGES BEAUPREAU-EN-MAUGES CHEMILLE-EN-ANJOU CHEMILLE-EN-ANJOU CHEMILLE-EN-ANJOU MAUGES-SUR-LOIRE MONTREVAULT-SUR-EVRE	15.11.2022

<i>Département: Orne (61)</i>		
FR-HPAI(NON-P)- 2022-00339 FR-HPAI(NON-P)- 2022-00342	AUBRY-LE-PANTHOU CAMEMBERT CHAMPOSOULT LA FRESNAIE-FAYEL FRESNAY-LE-SAMSON GUERQUESALLES MARDILLY NEUVILLE-SUR-TOUQUES ROIVILLE SAP-EN-AUGE GUFFERN-EN-AUGE zone nord au-dessus de la D14, puis D16 entre Le bourg Saint-Léonard et Chambois et D3 jusqu'à la limite de la commune TICHEVILLE	10.11.2022
<i>Département: Sarthe (72)</i>		
FR-HPAI(P)2022-01384 FR-HPAI(P)- 2022-01401 FR-HPAI(P)- 2022-01404	DUREIL NOYEN SUR SARTHE MALICORNE SUR SARTHE MEZERAY COURCELLES LA FORÊT	15.11.2022
<i>Département: Seine-et-Marne (77)</i>		
FR-HPAI(NON-P)- 2022-00304	FAVIERES JOSSIGNY NEUFMOUTIERS EN BRIE VILLENEUVE LE COMTE VUILLENEUVE EN BRIE	9.11.2022
FR-HPAI(P)- 2022-01403	BOMBON LA CHAPELLE-GAUTHIER LA CHAPELLE-RABLAIS FONTENAILLES GRANDPUITS-BAILLY-CARROIS NANGIS SAINT-OUEN-EN-BRIE	18.11.2022
<i>Département: Deux – Sèvres (79)</i>		
FR-HPAI(P)- 2022-01397	COULONGES-SUR-L'AUTIZE SAINT-MAIXENT-DE-BEUGNE	9.11.2022
FR-HPAI(P)- 2022-01411	L'ABSIE LE BUSSEAU LA CHAPELLE-SAINT-ETIENNE COULONGES-SUR-L'AUTIZE LARGEASSE SAINT-MAIXENT-DE-BEUGNE SAINT-PAUL-EN-GATINE TRAYES VERNOUX-EN-GATINE	22.11.2022

<i>Département : Vendée (85)</i>		
FR-HPAI(P)- 2022-01397	SAINT HILAIRE DES LOGES au nord de la D745 L'ORBRIE MERVENT SAINT-MICHEL-LE-CLOUCQ FOUSSAIS PAYRE à l'est de la D49	22.11.2022
FR-HPAI(P)- 2022-01393 FR-HPAI(P)- 2022-01402	CHAUCHE à l'est de l'A83 BAZOGES-EN-PAILLERS BEAUREPAIRE CHAVAGNES-EN-PAILLERS au sud de la D6 SAINT-ANDRE-GOULE-D'OIE au nord de l'A87 SAINT-FULGENT à l'ouest de l'A87	10.11.2022
FR-HPAI(P)- 2022-01388 FR-HPAI(P)- 2022-01399	BOURNEZEAU au sud de la D498 et de la D949B LES PINEAUX MOUTIERS-SUR-LE-LAY SAINTE-PEXINE au nord de la D19	9.11.2022
FR-HPAI(P)- 2022-01409	CHAMPAGNE-LES-MARAIS LUCON MOREILLES PUYRAVAULT SAINTE-DEMME-LA-PLAINE SAINTE-RADEGONDE-DES-NOYERS	18.11.2022
FR-HPAI(P)- 2022-01410	BREUIL-BARRET LA CHAPELLE-AUX-LYS LOGE-FOUGEREUSE SAINT-HILAIRE-DE-VOUST	22.11.2022
<i>Département : La Réunion (974)</i>		
FR-HPAI(P)- 2022-01391	ST-PAUL GILLES HAUT SAINT PAUL SALINE	10.11.2022

Member State: Hungary

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
<i>Bács-Kiskun megye</i>		
HU-HPAI(P)- 2022-00211 HU-HPAI(P)- 2022-00216	Bugac, Bugacpusztaháza, Jakabszállás és Móricgát települések közigazgatási területeinek a 46.67844 és 19.65301 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	30.11.2022
HU-HPAI(P)- 2022-00212	Kiskunmajsa település közigazgatási területének a 46.48998 és a 19.77264 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	26.11.2022

HU-HPAI(P)-2022-00217	Jászszenlász, Kiskunmajsa és Szank települések közigazgatási területeinek a 46.544237 és a 19.741665 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	30.11.2022
HU-HPAI(P)-2022-00215	Bócsa és Bugac települések közigazgatási területeinek a 46.627319 és a 19.536083 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	25.11.2022
<i>Csongrád-Csanád megye</i>		
HU-HPAI(P)-2022-00213	Algyő, Sándorfalva és Szeged települések közigazgatási területeinek a 46.353600 és a 20.173300 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	25.11.2022
HU-HPAI(P)-2022-00214	Szentes település közigazgatási területének 46.647079 és a 20.325001 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	29.11.2022

Member State: Italy

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
<i>Region: Veneto</i>		
IT-HPAI(P)-2022-00026	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.32262, E11.193539	12.11.2022
IT-HPAI(P)-2022-00029	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.753972, E12.149041	25.11.2022
IT-HPAI(P)-2022-00031	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.9193668, E12.4351595	24.11.2022
IT-HPAI(P)-2022-00033	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.211179, E11.272346	29.11.2022
IT-HPAI(P)-2022-00034	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.221390806, E11.04331334	2.12.2022
IT-HPAI(P)-2022-00036	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.771464, E12.147417	29.11.2022

IT-HPAI(P)-2022-00037	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.741660 , E12.452298	29.11.2022
IT-HPAI(P)-2022-00039	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N 44.964074644, E12.282057809	5.12.2022
IT-HPAI(P)-2022-00040	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.233473, E11.657231	1.12.2022

Region: Lombardia

IT-HPAI(P)-2022-00027	The area of the parts of Lombardia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.298429, 9.9980267	13.11.2022
IT-HPAI(P)-2022-00030	The area of the parts of Lombardia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.098875, E8.81998199999998	21.11.2022
IT-HPAI(P)-2022-00032	The area of the parts of Lombardia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.049383, E10.35708	29.11.2022

Region: Emilia Romagna

IT-HPAI(P)-2022-00028	The area of the parts of Emilia Romagna Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N44.714462, E11.926653	20.11.2022
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Region: Friuli Venezia Giulia

IT-HPAI(P)-2022-00035	The area of the parts of Friuli Venezia Giulia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.962481, E12.606420	26.11.2022
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Member State: the Netherlands

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 39 of Delegated Regulation (EU) 2020/687
NL-HPAI(P)-2022-00079	Those parts of the municipality Leudal contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.87, lat 51.29	14.11.2022
NL-HPAI(P)-2022-00080	Those parts of the municipality Ede and Renswoude contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.57 lat 52.1	11.11.2022

NL-HPAI(P)-2022-00081	Those parts of the municipality Maasdriel contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.26lat 51.77	14.11.2022
BE-HPAI(P)-2022-00008	Those parts of the municipality Hoogtraten contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4.9 lat 51.44	13.11.2022
BE-HPAI(P)-2022-00009	Those parts of the municipality Turnhout contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4.77067 lat 51.436901	19.11.2022
NL-HPAI(P)-2022-00082	Those parts of the municipality Deurne contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.87, lat 51.37	18.11.2022
NL-HPAI(P)-2022-00083	Those parts of the municipality Noardeast-Fryslân contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 6.12 lat 53.3	21.11.2022
NL-HPAI(P)-2022-00084	Those parts of the municipality Nederweert contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.81, lat 51.3	22.11.2022

Part B

Surveillance zones in the concerned Member States* as referred to in Articles 1 and 3:

Member State: Austria

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
	STEIERMARK	
AT-HPAI(NON-P)-2022- 00021	Magistrat Graz die Katastralgemeinden Graz-Stadt-Fälling, Ragnitz, Stifting, Graz Stadt-Weinitzen, Wenisbuch; im Bezirk Graz-Umgebung: in der Gemeinde Kainbach bei Graz die Katastralgemeinden Hönigthal, Kainbach, Schafthal; in der Gemeinde Sankt Radegund bei Graz die Katastralgemeinden St. Radegund, Rinnegg und Schöckl, in der Gemeinde Stattegg die Katastralgemeinde Stattegg, in der Gemeinde Weinitzen die Katastralgemeinden Fälling, Niederschöckl und Weinitzen, in der Gemeinde Eggersdorf bei Graz die Katastralgemeinden Affenberg, Brodersdorf, Edelsbach, Eggersdorf, Höf und Präbach; im Bezirk Weiz in der Gemeinde Ludersdorf-Wilfersdorf die Katastralgemeinden Pircha und Wilfersdorf; in der Gemeinde Mitterdorf an der Raab die Katastralgemeinden Dörfl, Hohenkogel, Mitterdorf, Oberdorf bei Stadl, Obergreith, Pichl, Untergreith; in der Gemeinde Mortantsch die Katastralgemeinden Göttelsberg, Hafning, Haselbach, Leska, Mortantsch, Steinberg; in der Gemeinde Naas die Katastralgemeinde Birchbaum, in der Gemeinde Gutenberg-Stenzengreith die Katastralgemeinden Garrach, Kleinsemmering, Stenzengreith, Stockheim; in der Gemeinde St. Ruprecht an der Raab die Katastralgemeinden Arndorf, Dietmannsdorf, Fünfing bei St. Ruprecht, Grub, Neudorf bei St. Ruprecht, St. Ruprecht an der Raab, Unterfladnitz und Wolfsgruben bei St. Ruprecht; in der Gemeinde Weiz die Katastralgemeinden Farcha, Krottendorf, Preding, Reggerstätten und Weiz	12.12.2022

	Bezirk Graz-Umgebung: in der Gemeinde Kumberg die Katastralgemeinden Gschwendt, Hofstätten, Kumberg und Rabnitz und in der Gemeinde Eggersdorf bei Graz die Katastralgemeinden Hart bei Eggersdorf, Haselbach und Purgstall	4.12.2022- 12.12.2022
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Member State: Belgium

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
BE-HPAI(NON-P)-2022-00145	Those parts of the municipalities Aywaille, Chaudfontaine, Dison, Herve, Jalhay, Limbourg, Olne, Pepinster, Soumagne, Spa, Sprimont, Theux, Trooz and Verviers, extending beyond the area described in the protection zone and contained within a circle of a radius of 10 kilometres, centered on WGS84 dec. coordinates long 5,80979, lat 50,5343.	15.11.2022
	Those parts of the municipalities Pepinster and Theux contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5,80979, lat 50,5343.	7.11.2022 – 15.11.2022
BE-HPAI(NON-P)-2022-00150	Those parts of the municipalities Assenede, Eeklo, Evergem, Gent, Kaprijke, Lievegem, Lochristi, Wachtebeke and Zelzate, extending beyond the area described in the protection zone and contained within a circle of a radius of 10 kilometres, centered on WGS84 dec. coordinates long 3,72485, lat 51,16128.	18.11.2022
	Those parts of the municipalities Assenede, Evergem and Gent contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 3,72485, lat 51,16128.	10.11.2022 – 18.11.2022
BE-HPAI(P)-2022-00008	Those parts of the municipalities Baarle-Hertog, Brecht, Hoogstraten, Merksplas, Ravels, Rijkevorsel, Turnhout and Wuustwezel, extending beyond the area described in the protection zone and contained within a circle of a radius of 10 kilometres, centered on WGS84 dec. coordinates long 4,799186, lat 51,431161.	22.11.2022
	Those parts of the municipalities Baarle-Hertog and Hoogstraten contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4,799186, lat 51,431161.	14.11.2022 – 22.11.2022
BE-HPAI(P)-2022-00009	Those parts of the municipalities Baarle-Hertog, Brecht, Hoogstraten, Merksplas, Ravels, Rijkevorsel, Turnhout and Wuustwezel, extending beyond the area described in the protection zone and contained within a circle of a radius of 10 kilometres, centered on WGS84 dec. coordinates long 4,770673, lat 51,436901.	27.11.2022
	Those parts of the municipalities Baarle-Hertog and Hoogstraten contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4,770673, lat 51,436901.	19.11.2022 – 27.11.2022

Member State: Bulgaria

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
<i>Region: Haskovo</i>		
BG-HPAI(P)-2022-00021	The following village in the Haskovo municipality: Krivo pole, Koren and Momino	23.11.2022 - 2.12.2022
	The following villages in the Haskovo municipality: Elena, Knizhovnik, Malevo, Manastir, Dinevo, Rodopi, Stamboliyski, Stoykovo, Podkrepa	2.12.2022
	The following villages in the Harmanli municipality: Slavyanovo, Bolyarski izvor The following villages in Stambolovo municipality: Malak izvor, Golyam izvor, Dolno Botevo, Kralevo, Gledka, Stambolovo, Tsareva polyana, Zhalti bryag	

Member State: Denmark

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
DK-HPAI(P)-2022-00006	The parts of Slagelse and Næstved municipalities beyond the area described in the protection zone and within the circle of radius 10 kilometres, centred on GPS coordinates coordinates N 55,2347; E 11,3952	13.12.2022
	The parts of Slagelse municipality that are contained within a circle of radius 3 km, centered on GPS coordinates N 55,2347; E 11,3952	5.12.2022 - 13.12.2022
DK-HPAI(NON-P)-2022-00148	The parts of Sønderborg municipality beyond the area described in the protection zone and within the circle of radius 10 kilometres, centred on GPS coordinates coordinates N 54,9365; E 9,9795	29.11.2022
	The parts of Sønderbord municipality that are contained within a circle of radius 3 km, centered on GPS coordinates N 54,9365; E 9,9795	21.11.2022 - 29.11.2022

Member State: Germany

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
BAYERN		
DE-HPAI(NON-P)-2022-01198	Landkreis Miltenberg 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9.178982 /49.740677 Betroffen sind die Städte und Gemeinden Erlenbach a.Main, Obernburg a.Main, Würth a.Main, Elsenfeld mit den Gemarkungen Schippach und Rück, Eschau, Mönchberg, Röllbach, Collenberg mit der Gemarkung Reistenhausen, Bürgstadt, Miltenberg mit den Gemarkungen Wenseldorf, Mainbullau und Breitendiel, Weilbach mit den Gemarkungen Weckbach und Ohrenbach, Amorbach mit den Gemarkungen Reichartshausen und Boxbrunn im Odenwald	7.12.2022
	Landkreis Miltenberg 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9.178982 /49.740677 Betroffen ist die Stadt Klingenberg a. Main mit den Gemarkungen Trennfurt und Röllfeld sowie die Gemeinden Großheubach, Kleinheubach, Rüdenau und Laudenbach	28.11.2022
HESSEN		
DE-HPAI(NON-P)-2022-01198	Landkreis Odenwald In der Gemeinde Michelstadt die Gemarkungen Vielbrunn und Weitengesäß, in der Gemarkung Würzburg das Gebiet nördlich Mangelsbach und östlich der K 45, in der Gemeinde Bad König die Gemarkung Bad König östlich der Verbindungsstraße zwischen Kimbacher Straße und Mainstraße und östlich des Birkertsgrabens und nördlich der L 3318, die Gemarkungen Kimbach, Momart östlich der Straße Strathweg und nördlich der Hohe Straße, in der Gemarkung Fürstengrund das Gebiet östlich des Waldrandes, in der Gemeinde Lützelbach die Gemarkungen Lützel-Wiebelsbach, Breitenbrunn, Haingrund und Seckmauern, in der Gemeinde Breuberg die Gemarkung Rai-Breitenbach östlich der L 3259 und der Mühlhäuser Straße bis abzweig Kreuzstraße und südlich der Kreuzstraße und deren Verlängerung nach Osten bis zur Landesgrenze.	7.12.2022
	Landkreis Odenwald In der Gemeinde Michelstadt die Gemarkung Vielbrunn östlich der Langstein-Schneise und der K 94 ab dem Abzweig zur Alten Laudenbacher Straße	29.11.2022-7.12.2022

MECKLENBURG-VORPOMMERN		
DE-HPAI(P)- 2022-00082	Landkreis Nordwestmecklenburg 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten 10.634830/53.898535 Betroffen ist die Gemeinde Lüdersdorf, Ortsteil Herrnburg	2.12.2022
NIEDERSACHSEN		
DE-HPAI(P)- 2022-00076	Landkreis Aurich 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.400775 / 53.610321 Betroffen sind Teile der Gemeinden Berumbur, Dornum, Halbmond, Hage, Hagermarsch, Großheide, Leezdorf, Lütetsburg, Osteel, Rechtsupweg, Südbrookmerland und der Stadt Aurich.	24.11.2022
	Landkreis Aurich 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.400775 / 53.610321 Betroffen sind Teile der Gemeinden Dornum und Großheide.	16.11.2022- 24.11.2022
DE-HPAI(P)- 2022-00066 DE-HPAI(P)- 2022-00071 DE-HPAI(P)- 2022-00073 DE-HPAI(P)- 2022-00074 DE-HPAI(P)- 2022-00075 DE-HPAI(P)- 2022-00078	Landkreis Cloppenburg Union der 10 km- Radien um die Ausbruchsbetriebe mit den GPS Koordinaten: — 7.637125 / 52.928354 — 7.636603 / 52.946859 — 7.626829 / 52.927051 — 7.627312 / 52.927022 — 7.623793 / 52.928842 — 7.621157 / 52.951913 Betroffen sind Teile der Gemeinde Saterland und der Stadt Friesoythe.	29.11.2022
DE-HPAI(P)- 2022-00066	Landkreis Emsland 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.637125 / 52.928353 Betroffen sind Teile der Gemeinden Lorup, Börger, Breddenberg, Werlte, Vrees, Rastdorf, Hilkenbrook, Esterwegen, Surwold, Spahnharrenstätten, Werpeloh und Sögel	17.11.2022
	Landkreis Emsland 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.637125 / 52.928353 Betroffen sind Teile der Gemeinden Lorup, Börger und Breddenberg	9.11.2022-17.11.2022

DE-HPAI(P)-2022-00066 DE-HPAI(P)-2022-00071 DE-HPAI(P)-2022-00073 DE-HPAI(P)-2022-00074 DE-HPAI(P)-2022-00075 DE-HPAI(P)-2022-00078	Landkreis Emsland Union der 10 km- Radian um die Ausbruchsbetriebe mit den GPS Koordinaten: — 7.637125 / 52.928354 — 7.636603 / 52.946859 — 7.626829 / 52.927051 — 7.627312 / 52.927022 — 7.623793 / 52.928842 — 7.621157 / 52.951913 Betroffen sind Teile der Gemeinden Börger, Bockhorst, Breddenberg, Esterwegen, Hilkenbrook, Lorup, Rastdorf, Sögel, Spahnharrenstätte, Surwold, Vrees, Werlte und Werpeloh.	29.11.2022
	Landkreis Emsland Union der 3 km- Radian um die Ausbruchsbetriebe mit den GPS Koordinaten: — 7.637125 / 52.928354 — 7.636603 / 52.946859 — 7.626829 / 52.927051 — 7.627312 / 52.927022 — 7.623793 / 52.928842 — 7.621157 / 52.951913 Betroffen sind Teile der Gemeinden Börger, Breddenberg, Esterwegen und Lorup.	21.11.2022- 29.11.2022
DE-HPAI(P)-2022-00079	Landkreis Osnabrück 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 8.103891 / 52.330964 Betroffen sind Teile der Gemeinden Belm und Wallenhorst und der Stadt Osnabrück.	1.12.2022
	Landkreis Osnabrück 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 8.103891 / 52.330964 Betroffen sind Teile der Gemeinden Belm, Bissendorf, Bohmte, Bramsche, Ostercappeln, Wallenhorst und der Stadt Osnabrück.	23.11.2022- 1.12.2022
DE-HPAI(P)-2022-00076	Landkreis Wittmund 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.400775 / 53.610321 Betroffen sind Teile der Gemeinden Blomberg, Eversmeer, Holtgast, Ochtersum, Schweindorf, Moorweg, Nenndorf, Neuschoo, Utarp und Westerholt.	24.11.2022
	Landkreis Wittmund 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 7.400775 / 53.610321 Betroffen sind Teile der Gemeinden Nenndorf und Westerholt.	16.11.2022- 24.11.2022

NORDRHEIN-WESTFALEN

DE-HPAI(P)- 2022-00065	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.462180 / 51.846040) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Rietberg und Verl	18.11.2022- 26.11.2022
	Kreis Gütersloh 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.462180 / 51.846040) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Rietberg, Rheda-Wiedenbrück, Gütersloh, Verl und Schloß Holte-Stukenbrock sowie der Gemeinde Langenberg — der kreisfreien Stadt Bielefeld — des Kreises Paderborn mit der Gemeinde Hövelhof und der Stadt Delbrück	26.11.2022
DE-HPAI(P)- 2022-00068	Kreis Gütersloh 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.567262/ 51.883038) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl, Rietberg, Gütersloh und Schloß Holte-Stukenbrock — der kreisfreien Stadt Bielefeld — des Kreises Lippe mit der Stadt Oerlinghausen und der Gemeinde Augustdorf des Kreises Paderborn mit der Gemeinde Hövelhof und der Stadt Delbrück	26.11.2022
DE-HPAI(P)- 2022-00072	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.541434 51.842651) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl und Rietberg — des Kreises Paderborn mit der Stadt Delbrück und der Gemeinde Hövelhof	18.11.2022- 26.11.2022
	Kreis Gütersloh 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.541434 51.842651) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl, Rietberg, Gütersloh, Rheda-Wiedenbrück und Schloß Holte-Stukenbrock — des Kreises Paderborn mit der Stadt Delbrück und der Gemeinde Hövelhof — die kreisfreie Stadt Bielefeld	26.11.2022
DE-HPAI(P)- 2022-00077	Kreis Gütersloh 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.527468 51.845571) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl und Rietberg — des Kreises Paderborn mit der Stadt Delbrück und der Gemeinde Hövelhof	18.11.2022- 26.11.2022

	Kreis Gütersloh 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.527468 51.845571) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl, Rietberg, Gütersloh, Rheda-Wiedenbrück und Schloß Holte-Stukenbrock — des Kreises Paderborn mit der Stadt Delbrück und der Gemeinde Hövelhof — die kreisfreie Stadt Bielefeld	26.11.2022
DE-HPAI(P)-2022-00067	Stadt Münster 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.542441/ 51.931158) Betroffen sind Teile: — der kreisfreien Stadt Münster — des Kreises Coesfeld mit der Gemeinde Senden	7.11.2022-15.11.2022
	Stadt Münster 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.542441/ 51.931158) Betroffen sind Teile: — der kreisfreien Stadt Münster — des Kreises Coesfeld mit den Gemeinden Senden, Nottuln und Havixbeck — des Kreises Steinfurt mit der Gemeinde Altenberge	15.11.2022
DE-HPAI(P)-2022-00068	Stadt Münster 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.567262/ 51.883038) Betroffen sind Teile: — des Kreises Gütersloh mit den Städten Verl und Schloß Holte-Stukenbrock	18.11.2022-26.11.2022
DE-HPAI(P)-2022-00080	Oberbergischer Kreis 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.710063 / 50.961332) Betroffen sind Teile: — des Oberbergischen Kreises mit der Gemeinde Reichshof	24.11.2022-2.12.2022
	Oberbergischer Kreis 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.710063 / 50.961332) Betroffen sind Teile: — des Oberbergischen Kreises mit den Städten Wiehl, Waldbröl, Bergneustadt, Gummersbach und mit den Gemeinden Reichshof, Nümbrecht, Morsbach — des Kreises Olpe mit den Städten Drolshagen und Olpe und der Gemeinde Wenden	2.12.2022
DE-HPAI(P)-2022-00079	(Ausbruch in Niedersachsen) 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 8.103891 / 52.330964) Betroffen sind Teile: — des Kreises Steinfurt mit der Gemeinde Lotte	1.12.2022

DE-HPAI(NON-P)- 2022-01197	Rhein-Sieg-Kreis 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.231225/ 50.858356) Betroffen sind Teile: — des Rhein-Sieg-Kreises mit den Städten Lohmar und Troisdorf	16.11.2022- 24.11.2022
	Rhein-Sieg-Kreis 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.231225/ 50.858356) Betroffen sind Teile: — des Rhein-Sieg-Kreises mit den Städten Lohmar, Troisdorf, Sankt Augustin, Hennef (Sieg), Siegburg und den Gemeinden Much, Neunkirchen-Seelscheid, Ruppichterath, — der Stadt Köln — des Rheinisch-Bergischen Kreises mit Teilen der Gemeinden Rös-rath, Overath und der Stadt Bergisch-Gladbach	24.11.2022
DE-HPAI(P)- 2022-00081	Kreis Siegen-Wittgenstein 3 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.980232 / 50.871116) Betroffen sind Teile: — des Kreises Siegen-Wittgenstein mit den Städten Siegen und Freuden-berg	20.11.2022- 28.11.2022
	Kreis Siegen-Wittgenstein 10 km Radius um den Ausbruchsbetrieb (GPS-Koordinaten 7.980232 / 50.871116) Betroffen sind Teile: — des Kreises Siegen-Wittgenstein mit den Städten Siegen, Freuden-berg, Kreuztal, Netphen und den Gemeinden Neunkirchen, Wilnsdorf — des Kreises Olpe mit der Gemeinde Wenden	28.11.2022
SCHLESWIG-HOLSTEIN		
DE-HPAI(P)- 2022-00062	Kreis Dithmarschen Gemeinden: Bunsoh, Dellstedt, Offenbüttel, Osterrade, Süderdorf, Tielenhemme, Wennbüttel, Wrohm	10.11.2022
	Kreis Dithmarschen Teile der Gemeinde Offenbüttel und Osterrade	2.11.2022 – 10.11.2022
DE-HPAI(P)- 2022-00070	Stadt Flensburg 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind Teile der Stadt Flensburg	20.11.2022
DE-HPAI(P)- 2022-00069	Stadt Flensburg 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind Teile der Stadt Flensburg	20.11.2022

DE-HPAI(P)- 2022-00082	Hansestadt Lübeck Ausgehend im Norden von An der Bundesstr. Haus-Nr.12 die Stadtgrenze nach Osten entlang bis zur Schwartauer Landstr., Schwartauer Allee bis zu und weiter auf Bei der Lohmühle, Schönböckener Str., Steinrader Damm bis Hofland, Hofland bis zur Kieler Str., Kieler Str. nach Nordwesten bis zum Kreisverkehr, Steinrader Hauptstr. bis zur Stadtgrenze, die Stadtgrenze entlang nach Norden bis zu An der Bundesstr. Haus-Nr.12	4.12.2022
	Hansesatdt Lübeck Das gesamte Stadtgebiet mit Ausnahme der Stadtbezirke: Alt-Kücknitz/Dummersdorf/Roter Hahn; Pöppendorf; Ivendorf; Teutendorf; Alt-Travemünde/Rönnau; Brodten; Priwall; Krummesse; Beidendorf; Blankensee und der südöstlich des Müggelbuschwes gelegene Teil des Stadtbezirks Strecknitz.	25.11.2022 – 4.12.2022
	Kreis Herzogtum Lauenburg Betroffen sind die nördlichen 150 Meter der Gemeinde Groß Schenkenberg, Gemarkung Rothenhausen, Flur 1, Flurstück 1, Flurstück 73/2 und Flurstück 76/21 angrenzend an die Hansestadt Lübeck. In der Überwachungszone des Kreises Herzogtum Lauenburg befinden sich keine Geflügelhaltungen.	4.12.2022
DE-HPAI(P)- 2022-00064	Kreis Nordfriesland Gesamtes Gebiet der Insel Sylt	9.11.2022
	Kreis Nordfriesland 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten: 8,370326 54,886141, Betroffen ist ein Teil der Gemeinde Sylt	1.11.2022 – 9.11.2022
DE-HPAI(P)- 2022-00082	Kreis Ostholstein Gemeinden/Stadt: Stockelsdorf, Bad Schwartau, Teil Ratekau, Teil Scharbeutz, Teil Ahrensböök	4.12.2022
	Kreis Ostholstein Gemeinden/Stadt: Stockelsdorf, Bad Schwartau, Teil Ratekau, Teil Scharbeutz, Teil Ahrensböök	25.11.2022 – 4.12.2022

DE-HPAI(P)- 2022-00062	Kreis Rendsburg-Eckernförde Gesamtfläche der Gemeinden Bargstall, Beldorf, Bendorf, Beringstedt, Brinjahe, Elsdorf-Westermühlen, Embühren, Gokels, Hamweddel, Hanerau-Hademarschen, Hörsten, Nienborstel, Nübbel, Osterstedt, Schülup/RD, Seefeld, Sophienhamm, Steinfeld, Thaden und Todenbüttel sowie die Teile der Gemeinden Breiholz, Haale, Hamdorf, Lütjenwestedt, Oldenbüttel und Prinzenmoor, die nicht in der Schutzzone liegen.	10.11.2022
	Kreis Rendsburg-Eckernförde 3 km Radius um Primär-Ausbruchsbetrieb GPS Koordinaten 9,473735 / 54,181813 Gemeinde Tackesdorf und betroffene Teile der Gemeinden Breiholz, Haale, Hamdorf, Lütjenwestedt, Oldenbüttel, Prinzenmoor	2.11.2022-10.11.2022
DE-HPAI(P)- 2022-00083	Kreis Rendsburg-Eckernförde Die Überwachungszone umfasst — die Teile der Gemeinden Emkendorf, Bokel und Groß Vollstedt die nicht in der Schutzzone liegen — die Gemeinde Bredenbek südlich des Straßenzugs Kieler Straße/ Rendsburger Straße (K67) — die Gemeinde Bovenau südlich der Kieler Straße ausgenommen des Bereichs nördlich der gedachten Verbindungslinie zwischen der Koordinate 54.32441; 9.84070 (Einmündung Feldweg) und der Koordinate 54.32054; 9.85893 (Kreuzung Rendsburger Straße/Kronsfelde) — den südlich der Bundesautobahn A210 gelegenen Teil der Gemeinde Felde — den südlich der Landesstraße L255 gelegenen Teil der Gemeinde Schierensee — den westlich der Bundesautobahn A215 gelegenen Teil der Gemeinde Sören — den nördlich des Straßenzuges Dorfstraße/Heinkenborsteler Weg gelegenen Teil der Gemeinde Gnutz — den östlich des Straßenzugs Rüsterbergen-Hasenkrug-Dorfstraße gelegenen Teil der Gemeinde Schülup bei Rendsburg — die Gesamtfläche der Gemeinden Achterwehr, Bargstedt, Borgdorf-Seedorf, Brammer, Dätgen, Ellerdorf, Eisendorf, Groß Vollstedt, Haßmoor, Jevenstedt, Langwedel, Luhnstedt, Nortorf, Oldenhütten, Osternfeld, Osterrönfeld, Rade bei Rendsburg, Schacht-Audorf, Schülldorf, Schülup bei Nortorf, Stafstedt, Warder, Westerrönfeld, Westensee, und der Stadt Rendsburg	6.12.2022
	Kreis Rendsburg-Eckernförde 3 km Radius um Primär-Ausbruchsbetrieb GPS Koordinaten 9,799269 / 54,237815 Teile der Gemeinden Emkendorf, Bokel und Groß Vollstedt	28.11.2022–6.12.2022

DE-HPAI(P)- 2022-00070	Kreis Schleswig-Flensburg 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind die Gemeinden oder Teile der Gemeinden: Ausacker, Hürup, Husby, Maasbüll, Grundhof, Sörup, Freienwill, Großsolt, Tastrup, Ahneby, Steinbergkirche, Sterup, Dollerup, Langballig, Munkbrarup, Ringsberg, Wees, Westerholz, Mittelangeln, Schnarup, Oeversee, Havetoft, Struxdorf, Mohrkirch, Handewitt, Glücksburg	20.11.2022
	Kreis Schleswig-Flensburg 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind die Gemeinden oder Teile der Gemeinden: Ausacker, Hürup, Husby, Maasbüll, Grundhof, Sörup	12.11.2022 – 20.11.2022
DE-HPAI(P)- 2022-00069	Kreis Schleswig-Flensburg 10 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind die Gemeinden oder Teile der Gemeinden: Ausacker, Hürup, Husby, Maasbüll, Grundhof, Sörup, Freienwill, Großsolt, Tastrup, Ahneby, Steinbergkirche, Sterup, Dollerup, Langballig, Munkbrarup, Ringsberg, Wees, Westerholz, Mittelangeln, Schnarup, Oeversee, Havetoft, Struxdorf, Mohrkirch, Handewitt, Glücksburg	20.11.2022
	Kreis Schleswig-Flensburg 3 km Radius um den Ausbruchsbetrieb GPS Koordinaten 9,589444 / 54,751873 Betroffen sind die Gemeinden oder Teile der Gemeinden: Ausacker, Hürup, Husby, Maasbüll, Grundhof, Sörup	12.11.2022 – 20.11.2022
DE-HPAI(P)- 2022-00082	Kreis Segeberg Gemeinden Pronstorf und Struxdorf	4.12.2022
DE-HPAI(P)- 2022-00062	Kreis Steinburg Folgende Flurstücke der Gemeinde Puls: Gemarkung Puls, Gemarkungsnummer 2099, Flur 1, die Flurstücke 502, 503, 504, 68/2, 61/21, 19/1, 26, 24/2, 24/4, 24/5 Gemarkung Puls, Gemarkungsnummer 2012, Flur 15, Flurstück 64 Gemarkung Beringstedt, Gemarkungsnummer 2012, Flur 13, die Flurstücke 15, 16, 20	2.11.2022-10.11.2022

DE-HPAI(P)- 2022-00082	Kreis Stormarn Betroffen von der Überwachungszone ist jeweils das gesamte Gemeindegebiet der Gemeinden Heilshoop, Mönkhagen, Zarpen, Badendorf, Hamberge, Wesenberg, Heidekamp sowie Teile des Gemeindegebietes der Gemeinden Rehhorst, Reinfeld und Klein Wesenberg	4.12.2022
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Member State: Spain

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
ES-HPAI(P)- 2022-00036	Those parts in the province of Guadalajara of the comarca of Guadalajara beyond the area described in the protection zone and contained within a circle of a radius of 10 kilometres, centered on UTM 30, ETRS89 coordinates long -3,1622795 , lat 40,7275418	20.11.2022
	Those parts in the province of Guadalajara of the comarca of Guadalajara contained within a circle of a radius of 3 kilometres, centered on UTM 30, ETRS89 coordinates long -3,1622795 , lat 40,7275418	12.11.2022 – 20.11.2022
ES-HPAI(P)- 2022-00037	Those parts in the province of Guadalajara of the comarca of Guadalajara beyond the area described in the protection zone and contained within a circle of a radius of 10 kilometres, centered on UTM 30, ETRS89 coordinates long -3,1695321 , lat 40,7068421	21.11.2022
	Those parts in the province of Guadalajara of the comarca of Guadalajara contained within a circle of a radius of 3 kilometres, centered on UTM 30, ETRS89 coordinates long -3,1695321 , lat 40,7068421	13.11.2022 – 21.11.2022

Member State: France

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
<i>Département: Ain (01)</i>		
FR-HPAI(P)-2022-01398	ABERGEMENT CLEMENCIAT BANEINS BIZIAT CHANOZ CHATENAY CHATILLON SUR CHALARONNE CORMORANCHE SUR SAONE CROTTET DOMPIERRE SUR CHALARONNE GRIEGES LAIZ MOGNENEINS NEUVILLE LES DAMES PERREX PEYZIEUX SUR SAONE PONT DE VEYLE SAINT ANDRE BAGE SAINT CYR SUR MENTHON SAINT DIDIER SUR CHALARONNE SAINT ETIENNE SUR CHALARONNE SAINT JEAN SUR VEYLE SAINT JULIEN SUR VEYLE SULIGNAT THOISSEY VALEINS VONNAS	18.11.2022
	BEY CRUZILLES LES MEPILLAT GARNERANS ILLIAT SAINT ANDRE D HUIRIAT	10.11.2022 – 18.11.2022
<i>Département: Côtes-d'Armor (22)</i>		
FR-HPAI(P)-2022-01406	GOMENÉ LANRELAS LAURENAN MERDRIGNAC LE MENÉ PLÉNÉE-JUGON ROUILLAC SEVIGNAC TRÉMOREL	26.11.2022
	ÉRÉAC MÉRILLAC MERDRIGNAC LE MENÉ SAINT-VRAN SAINT-LAUNEUC	18.11.2022 – 26.11.2022

FR-HPAI(P)- 2022-01413	PLERIN SAINT-BRIEUC PLOUFRAGAN TREGUEUX PLEDRAN YFFINIAC QUESOY POMMERET LAMBALLE COETMIEUX ANDEL MORIEUX PLANGUENOUAL	1.12.2022
	HILLION LANGUEUX	23.11.2022 – 1.12.2022
	<i>Département: Dordogne (24)</i>	
FR-HPAI(P)- 2022-01400	BERGERAC (à l'ouest de la D936) BOSSET EGLISE NEUVE D'ISSAC EYRAUD-CREMPSE-MAURENS (à l'ouest de la D107) FRAISSE GARDONNE GINESTET LA FORCE LAMONZIE SAINT MARTIN LES LECHES PRIGONRIEUX (au sud de la D34) SAINT GERY SAINT PIERRE D'EYRAUD	19.11.2022
	LUNAS PRIGONRIEUX (au nord de la D34) SAINT GEORGES BLANCANEIX	11.11.2022 – 19.11.2022
	<i>Département: Indre (36)</i>	
FR-HPAI(P)- 2022-01412	AIZE: Nord de D31 BAUDRES BOUGES-LE-CHATEAU BRETAGNE BUXEUIL: Nord de D960 FONTENAY GUILLY LA CHAPELLE-SAINT- LAURIAN LANGE: Est du Nahon LEVROUX: Nord D8 LINIEZ: Ouest de A20 MOULINS-SUR-CEPHONS: Nord D8 ORVILLE: Ouest de D25 POULAINES SAINT-FLORENTIN VALENCAY: Sud-Est du Nahon VICQ-SUR-NAHON: Est du Nahon	3.12.2022
	AIZE : Sud de D31 et route entre Moulin Bailly et Aize BUXEUIL : Sud de D960 ROUVRES LES BOIS	25.11.2022- 3.12.2022

<i>Département: Loire-Atlantique (44)</i>		
FR-HPAI(P)- 2022-01390	AVESSAC BLAIN à l'est de la RN 171 FEGREAC à l'ouest du ruisseau de la Coiquerelle GUEMENE PENFAO GUENROUET LE GAVRE QUILLY SAINT GILDAS DES BOIS SEVERAC	14.11.2022
	PLESSE FEGREAC à l'est du ruisseau de la Coiquerelle	6.11.2022 – 14.11.2022
FR-HPAI(NON-P)- 2022-00341	ABBARETZ Sud RD 2 BLAIN Est RN 171 CASSON LA CHEVALERAI LA GRGONNAIS HERIC NORT SUR ERDRE NOZAY Sud RD 2 PUCEUL SAFFRE Est RD 121 LES TOUCHES Ouest RD 31	14.11.2022
	SAFFRE Ouest RD 121	6.11.2022 – 14.11.2022
<i>Département: Loiret (45)</i>		
FR-HPAI(P)- 2022-01407	AUVILLIERS-EN-GÂTINAIS BELLEGARDE BOUZY-LA-FORÊT CHÂTENOT CHEVILLON-SUR-HUILLARD COUDROY LA COUR-MARIGNY FRÉVILLE-DU-GÂTINAIS LADON LORRIS MÉZIÈRES-EN-GÂTINAIS MONTLIARD NESPLOY NOYERS OUZOUER-SOUS-BELLEGARDE PRESNOY QUIERS-SUR-BÉZONDE SURY-AUX-BOIS THIMORY VIEILLES-MAISONS-SUR-JOUDRY VILLEMOUTIERS	26.11.2022
	AUVILLIERS-EN-GÂTINAIS BEAUCHAMPS-SUR-HUILLARD CHAILLY-EN-GÂTINAIS CHÂTENOT COUDROY	18.11.2022- 26.11.2022

Département: Maine-et-Loire (49)

FR-HPAI(P)- 2022-01389	ANGERS BEAUCOUZE BEAULIEU-SUR-LAYON BEHUARD CHALONNES-SUR-LOIRE CHAUDEFONDS-SURLAYON DENEÉ MOZE-SUR-LOUET MURS-ERIGNE LES PONTS-DE-CE LA POSSONNIÈRE ROCHETFORT-SUR-LOIRE SAINTE-GEMMES-SUR-LOIRE SAINT-GEORGES-SUR-LOIRE SAINT-JEAN-DE-LA-CROIX SAINT-LAMBERT-LA-POThERIE SAINT-LEGER-DE-LINIERES SAINT-MARTIN-DU-FOUILLOUX VAL-DU-LAYON	11.11.2022
	BOUCHEMAINE SAVENNIÈRES	3.11.2022 – 11.11.2022
FR-HPAI(P)- 2022-01394	BARACE LA CHAPELLE-SAINT-LAUD LES HAUTS-D'ANJOU CHEFFES CORZE ECOUFLANT ECUILLE ETRICHE JUVARDEIL HUILLE-LEZIGNE MARCE MORANNES SUR SARTHE-DAUMERAY LE PLESSIS-GRAMMOIRE VERRIERES-EN-ANJOU SARRIGNE SOULAIRE-ET-BOURG RIVES-DU-LOIR-EN-ANJOU	23.11.2022
	BRIOLLAY MONTREUIL-SUR-LOIR RIVES-DU-LOIR-EN-ANJOU SEICHES-SUR-LE-LOIR TIERCE	15.11.2022 – 23.11.2022

FR-HPAI(P)- 2022-01395 FR-HPAI(P)- 2022-01396	BEAUPREAU-EN-MAUGES BEAUPREAU-EN-MAUGES BEAUPREAU-EN-MAUGES CHALLONNES-SUR-LOIRE CHAUDEFONDS-SUR-LAYON CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU MAUGES-SUR-LOIRE MAUGES-SUR-LOIRE MAUGES-SUR-LOIRE MONTREVAULT-SUR-EVRE MONTREVAULT-SUR-EVRE VAL-DU-LAYON	24.11.2022
	BEAUPREAU-EN-MAUGES BEAUPREAU-EN-MAUGES CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU CHEMMILLE-EN-ANJOU MAUGES-SUR-LOIRE MONTREVAULT-SUR-EVRE	16.11.2022 – 24.11.2022
<i>Departement : Meuse (55)</i>		
FR-HPAI(P)-2022-1375	APREMONT-LA-FORET entiere BANNONCOURT entiere BAUDREMONT entiere BONCOURT-SUR-MEUSE entiere CHONVILLE-MALAUMONT entiere COURCELLES-EN-BARROIS entiere DOMPCEVRIN entiere FRESNES-AU-MONT entiere GIMECOURT entiere GRIMAU COURT-PRES-SAMPIGNY entiere LAHAYMEIX entiere LAMORVILLE entiere LEROUVILLE entiere LIGNIERES-SUR-AIRE entiere MAIZEY entiere MECRIN entiere MENIL-AUX-BOIS entiere LES PAROCHES entiere PONT-SUR-MEUSE entiere ROUVROIS-SUR-MEUSE entiere RUPT-DEVANT-SAINT-MIHIEL entiere SAINT-JULIEN-SOUS-LES-COTES entiere SAINT-MIHIEL Nord D907 - Av 40e division. SAMPIGNY entiere VADONVILLE entiere VALBOIS entiere VILLOTTE-SUR-AIRE entiere	11.11.2022
	BISLEE entiere CHAUVONCOURT entiere HAN-SUR-MEUSE entiere KOEUR-LA-GRANDE entiere KOEUR-LA-PETITE entiere SAINT-MIHIEL sud D907 - Av 40e division.	11.11.2022

<i>Département: Morbihan (56)</i>		
FR-HPAI(P)- 2022-01386	CARENTOIR Partie de la commune au sud de la D118 et à l'ouest de la D773 LES FOUGERÊTS Commune entière LA GACILLY Commune entière MALANSAC Commune entière MALESTROIT Commune entière MISSIRIAC Commune entière PEILLAC Partie de la commune au sud de la D764 et à l'est de la D777 PLEUCADEUC Commune entière PLUHERLIN Commune entière ROCHEFORT-EN-TERRE Commune entière RUFFIAC Commune entière SAINT-CONGARD Partie de la commune à l'ouest de la D764 jusqu'à Le Port d'Oust SAINT-GRAVÉ Partie de la commune au sud de la D764 SAINT-JACUT-LES-PINS commune entière SAINT-LAURENT-SUR-OUST Commune entière SAINT-NICOLAS-DU-TERTRE Commune entière SAINT-VINCENT-SUR-OUST Commune entière TRÉAL Commune entière	13.11.2022
	PEILLAC Partie de la commune au nord de la D764 et à l'ouest de la D777 SAINT CONGARD Partie de la commune à l'est de la D764 jusqu'à Le Port D'Oust SAINT GRAVE Partie de la commune au nord de la D764 SAINT MARTIN SUR OUST Commune entière	5.10.2022 – 13.11.2022
<i>Département : Orne (61)</i>		
FR-HPAI(NON-P)- 2022-00339 FR-HPAI(NON-P)- 2022-00342	AVERNES-SAINT-GOURGON CANAPVILLE CHAUMONT COUDEHARD CROISILLES CROUTTES ECORCHES GACE LE BOSC-RENOULT LES CHAMPEAUX LE RENOUARD LA FERTE-EN-OUCHE MENIL-HUBERT-EN-OUCHE MONT-ORMEL NEAUPHE-SUR-DIVE PONTCHARDON RESENLEU SAINT-EVROULT-DE-MONTFORT SAINT-GERMAIN-D'AUNAY SAINT-LAMBERT-SUR-DIVE VIMOUTIERS	19.11.2022

	AUBRY-LE-PANTHOU CAMEMBERT CHAMPOSOULT LA FRESNAIE-FAYEL FRESNAY-LE-SAMSON GUERQUESALLES MARDILLY NEUVILLE-SUR-TOUQUES ROIVILLE SAP-EN-AUGE GUFFERN-EN-AUGE zone nord au-dessus de la D14, puis D16 entre Le bourg Saint-Léonard et Chambois et D3 jusqu'à la limite de la commune TICHEVILLE	11.11.2022 – 19.11.2022
<i>Département : Rhône (69)</i>		
FR-HPAI(P)- 2022-01398	DRACE	18.11.2022
<i>Département : Saône-et-Loire (71)</i>		
FR-HPAI(P)- 2022-01398	CHAINTRE CHANES CRECHES SUR SAONE LA CHAPELLE DE GUINCHAY ROMANECHE THORINS SAINT SYMPHORIEN D'ANCELLES VARENNES LES MACON VINZELLES	18.11.2022
<i>Département: Sarthe (72)</i>		
FR-HPAI(P)- 2022-01384 FR-HPAI(P)- 2022-01404	ARTHEZÉ AVOISE LE BAILLEUL BOUSSE CÉRANS FOULLETOURTE CLERMONT CRÉANS CROSMIÈRES DUREIL FERCÉ SUR SARTHE LA FLÈCHE FONTAINE SAINT MARTIN LIGRON NOYEN SUR SARTHE PARCÉ SUR SARTHE PIRMIL SAINT JEAN DE LA MOTTE TASSE VILLAINES SOUS MALICORNE ASNIÈRES SUR VÈGRE CHANTENAY VILLEDIEU COURCELLES LA FORET FONTAINE SUR VÈGRE JUIGNÉ SUR SARTHE LOUAILLES MALICORNE SUR SARTHE MEZERAY SAINT JEAN DU BOIS LA SUZE SUR SARTHE VION	24.11.2022
	COURCELLES LA FORÊT MALICORNE SUR SARTHE MEZERAY DUREIL	16.11.2022 – 24.11.2022

<i>Département: Seine-et-Marne (77)</i>		
FR-HPAI(NON-P)- 2022-00304	BAILLY-ROMAINVILLIERS BUSSY-SAINT-GEORGES BUSSY-SAINT-MARTIN CHALIFERT CHANTELOUP-EN-BRIE LES CHAPELLES-BOURBON CHATRES CHESY CHEVRY-COSSIGNY COLLEGIEN CONCHEN-SUR-GONDOIRE COUPVRAY COUTEVROULT CRECY-LA-CHAPELLE CREVECOEUR-EN-BRIE CROISSY-BEAUBOURG DAMMARTIN-SUR-TIGEAUX FAVIERES FERRIERES-EN-BRIE FONTENAY-TRESIGNY GOUVERNES GRETZ-ARMAINVILLIERS GUERARD GUERMANTES LA HOUSSAYE-EN-BRIE JOSSIGNY LAGNY-SUR-MARNE LIVERDY-EN-BRIE MAGNY-LE-HONGRE MARLES-EN-BRIE MONTEVRAIN MONTRY MORTCERF NEUFMOUTIERS-EN-BRIE OZOIR-LA-FERRIERE PONTCARRE PRESLES-EN-BRIE ROISSY-EN-BRIE SAINT-GERMAIN-SUR-MORIN SERRIS TIGEAUX TOURNAN-EN-BRIE VILLENEUVE-LE-COMTE VILLENEUVE-SAINT-DENIS VILLIERS-SUR-MORIN VOULANGIS	18.11.2022
	FAVIERES JOSSIGNY NEUFMOUTIERS EN BRIE VILLENEUVE LE COMTE VUILLENEUVE EN BRIE	10.11.2022 – 18.11.2022

FR-HPAI(P)- 2022-01403	ANDREZEL AUBEPIERRE-OZOUER-LE-REPOS BLANDY BOMBON BREAU CHAMPEAUX LA CHAPELLE-GAUTHIER LA CHAPELLE-RABLAIS LE CHATELET-EN-BRIE CHATILLON-LA-BORDE CLOS-FONTAINE COURPALAY COUTENCON LA CROIX-EN-BRIE ECHOUBOULAINS LES ECRENNES FONTAINS FONTENAILLES GASTINS GRANDPUITS-BAILLY-CARROIS LAVAL-EN-BRIE MACHAULT MORMANT NANGIS PAMFOU QUIERS RAMPILLON SAINT-MERY SAINT-OUEN-EN-BRIE SIVRY-COURTRY VALENCE-EN-BRIE VILLENEUVE-LES-BORDES	27.11.2022
	BOMBON LA CHAPELLE-GAUTHIER LA CHAPELLE-RABLAIS FONTENAILLES GRANDPUITS-BAILLY-CARROIS NANGIS SAINT-OUEN-EN-BRIE	19.11.2022 -27.11.2022

<i>Département: Deux-Sèvres (79)</i>		
FR-HPAI(P)- 2022-01397	ARDIN BECELEUF LE BUSSEAU LA CHAPELLE-THIREUIL FENIOUX PUIHARDY SAINT-LAURS SANIT-POMPAIN VILLERS-EN-PLAINE	18.11.2022
	COULONGES-SUR-L'AUTIZE SAINT-MAIXENT-DE-BEUGNE	10.11.2022 – 18.11.2022
FR-HPAI(P)- 2022-01411	ARDIN BECELEUF LE BEUGNON LE BREUIL-BERNARD CHANTELOUP LA CHAPELLE-SAINT-LAURENT LA CHAPELLE-THIREUIL CLESSÉ FÉNERY FENIOUX LA FORÊT-SUR-SÈVRE MONCOUTANT MOUTIERS-SOUS-CHANTEMERLE NEUVY-BOUIN POUGNE-HÉRISSON PUGNY PUIHARDY SAINT-AUBIN-LE-CLOUD SAINT-LAURS SAINT-POMPAIN SCILLÉ SECONDIGNY VILLIERS-EN-PLAINE	1.12.2022
	L'ABSIE LE BUSSEAU LA CHAPELLE-SAINT-ETIENNE COULONGES-SUR-L'AUTIZE LARGEASSE SAINT-MAIXENT-DE-BEUGNE SAINT-PAUL-EN-GATINE TRAYES VERNOUX-EN-GATINE	23.11.2022 – 1.12.2022

<i>Département: Somme (80)</i>		
FR-HPAI(NON-P)- 2022-00229 FR-HPAI(P)- 2022-01378	ABBEVILLE AGENVILLERS BERNAY-EN-PONTHIEU BOISMONT BUIGNY-SAINT-MACLOU CAHON CAMBRON CANCHY CAOURS CRECY-EN-PONTHIEU DOMVAST DRUCAT FONTAINE-SUR-MAYE FOREST-MONTIERS FROYELLES GRAND-LAVIERS MACHIEL MACHY MILLENCOURT-EN-PONTHIEU NEUFMOULIN NEUILLY-L'HOPITAL NOYELLES-SUR-MER PONTHOILE PORT-LE-GRAND SAIGNEVILLE	8.11.2022
	FOREST-L'ABBAYE HAUTVILLERS-OUVILLE LAMOTTE-BULEUX LE TITRE NOUVION SAILLY-FLIBEAUCOURT	27.10.2022 – 8.11.2022
<i>Département : Vendée (85)</i>		
FR-HPAI(P)- 2022-01397	SAINT HILAIRE DES LOGES au sud de la D745 FOUSSAIS PAYRE a l'ouest de la D49 FAYMOREAU MARILLET ANTIGNY BOURNEAU CEZAI FONTENAY-LE-COMTE L'ORBRIE LA CHATAIGNERAIE LA TARDIERE LOGE-FOUGEREUSE MARSAIS-SAINTE-RADEGONDE SAINT-MARTIN-DE-FRAIGNEAU SAINT-MAURICE-DES-NOUES SAINT-PIERRE-DU-CHEMIN SERIGNE PISSOTTE MARVENT NIEUL-SUR-L'AUTISTE PUY-DE-SERRE SAINT-HILAIRE-DE-VOUST VOUVANT SAINT-MICHEL-LE-CLOUCQ XANTON-CHASSENON	1.12.2022
	SAINT HILAIRE DES LOGES au nord de la D745 FOUSSAIS PAYRE à l'est de la D49	23.11.2022 – 1.12.2022

FR-HPAI(P)- 2022-01410	BREUIL-BARRET LA CHAPELLE-AUX-LYS LOGE-FOUGEREUSE SAINT-HILAIRE-DE-VOUST	23.11.2022 – 1.12.2022
FR-HPAI(P)- 2022-01388 FR-HPAI(P)- 2022-01399 FR-HPAI(P)- 2022-01387 FR-HPAI(P)- 2022-01392 FR-HPAI(P)- 2022-01393 FR-HPAI(P)- 2022-01402	BAZOGES-EN-PAILLERS BEAUREPAIRE BESSAY BOURNEZEAU au nord de la D948 et de la D949B CHAILLE-LES-MARAIS CHAMPAGNE-LES-MARAIS CHANTONNAY à l'ouest de la D137 CHÂTEAU-GUIBERT à l'est de la D746 CHAUCHE à l'ouest de l'A83 CHAVAGNES-EN-PAILLERS au nord de la D6 CORPE DOMPIERRE-SUR-YON ESSARTS EN BOCAGE FOUGERE LA BOISSIERE-DE-MONTAIGU au sud de la D23 et D72 LA CHAIZE-LE-VICOMTE au sud de la D948 LA COPECHAGNIERE LA FERRIERE LA MERLATIERE LA RABATELIERE LA REORTHE LA ROCHE-SUR-YON à l'est de la D746 et D763 LES BROUZILS LES HERBIERS au nord de la D160 et à l'ouest de la D23 LES LANDES-GENUSSON au sud de la D72 et D755 MAREUIL-SUR-LAY-DISSAIS à l'est de la D746 MESNARD-LA-BAROTIERE MOUTIERS-SUR-LE-LAY au sud de la D19 RIVES-DE-L'YON à l'est de la D746 SAINT-ANDRE-GOULE-D'OIE au sud de l'A87 SAINTE-CECILE SAINTE-HERMINE SAINTE-PEXINE au sud de la D19 SAINT-FULGENT à l'est de l'A87 SAINT-GEORGES-DE-MONTAIGU SAINT-HILAIRE-LE-VOUHIS SAINT-JEAN-DE-BEUGNE SAINT-JUIRE-CHAMPGILLON SAINT-MARTIN-DES-NOYERS à l'est de la D7 THORIGNY LES MAGNILS-REIGNIERS LUCON MOUZEUIL-SAINT-MARTIN NALLIERS PUYRAVAULT SAINT-AUBIN-LA-PLAINE SAINTE-GEMME-LA-PLAINE SAINTE-RADEGONDE-DES6NOYERS SAINTE-ETIENNE-DE6BRILLOUET TRIAIZE VENDRENNES	27.11.2022

FR-HPAI(P)- 2022-01388 FR-HPAI(P)- 2022-01399	BOURNEZEAU au sud de la D498 et de la D949B LES PINEAUX MOUTIERS-SUR-LE-LAY SAINTE-PEXINE au nord de la D19	10.11.2022 – 19.11.2022
FR-HPAI(P)- 2022-01387 FR-HPAI(P)- 2022-01392	SAINT-MARTIN-DES-NOYERS à l'ouest de la D7 LA CHAIZE-LE-VICOME au nord de la D948 LA FERRIERE au sud de la D160	6.11.2022 – 19.11.2022
FR-HPAI(P)- 2022-01393 FR-HPAI(P)- 2022-01402	CHAUCHE à l'est de l'A83 CHAVAGNES-EN-PAILLERS au sud de la D6 SAINT-ANDRE-GOULE-D'OIE au nord de l'A87 SAINT-FULGENT à l'ouest de l'A87	11.11.2022 – 19.11.2022
FR-HPAI(P)- 2022-01409	CHAMPAGNE-LES-MARAIS LUCON MOREILLES PUYRAVAULT SAINTE-DEMME-LA-PLAINE SAINTE-RADEGONDE-DES-NOYERS	19.11.2022 – 27.11.2022

Département : La Réunion (974)

FR-HPAI(P)- 2022-01391	SAINT PAUL VILLE PLAINE SAINT PAUL NEFLE SAINT PAUL GUILLAUME TROIS BASSINS SAINT LEU CHALOUPPE SAINT LEU VILLE SAINT PAUL HERMITAGE	19.11.2022
	ST-PAUL GILLES HAUT SAINT PAUL SALINE	11.10.2022 -19.11.2022

Member State: Hungary

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
<i>Bács-Kiskun és Csongrád-Csanád megye</i>		
From HU-HPAI(P)- 2022-00211 to HU-HPAI(P)- 2022-00217	Bócsa, Bugac, Bugacpusztaháza, Csólyospálos, Fülöpjakab, Gátér, Harkakötöny, Jakabszállás, Jászszenlászó, Kaskantyú, Kiskunfélegyháza, Kiskunmajsa, Kömpöc, Kunszállás, Móricgát, Orgovány, Pálmonostora, Petőfiszállás, Soltvadkert, Szank, Tázlár, Tiszaalpár, Zsana, Algyő, Baks, Balástya, Bordány, Csanytelek, Csengele, Csongrád, Derekegyház, Dóc, Domaszék, Fábiánsebestyén, Felgyő, Forráskút, Hódmezővásárhely, Kistelek, Mártély, Mindszent, Nagymágocs, Nagytőke, Ópusztaszer, Pusztamérges, Pusztaszer, Ruzsa, Sándorfalva, Szatymaz, Szeged, Szegvár, Szentes, Tömörkény, Üllés, Zákányszék és Zsombó települések védőközvetlen kívül eső teljes közigazgatási területe.	9.12.2022

HU-HPAI(P)-2022-00211 HU-HPAI(P)-2022-00216	Bugac, Bugacpusztaháza, Jakabszállás és Móricgát települések települések közigazgatási területeinek a 46.67844 és 19.65301 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	1.12.2022 - 9.12.2022
HU-HPAI(P)-2022-00212	Kiskunmajsa település közigazgatási területének a 46.48998 és a 19.77264 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	27.11.2022- 9.12.2022
HU-HPAI(P)-2022-00217	Jászszenlászló, Kiskunmajsa és Szank települések közigazgatási területeinek a 46.544237 és a 19.741665 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	1.12.2022 -9.12.2022
HU-HPAI(P)-2022-00215	Bócsa és Bugac települések közigazgatási területeinek a 46.627319 és a 19.536083 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	26.11.2022 - 9.12.2022
HU-HPAI(P)-2022-00213	Algyő, Sándorfalva és Szeged települések közigazgatási területeinek a 46.353600 és a 20.173300 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	26.11.2022 - 9.12.2022
HU-HPAI(P)-2022-00214	Szentes település közigazgatási területének 46.647079 és a 20.325001 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területe.	30.11.2022 - 9.12.2022

Member State: Italy

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
<i>Region: Veneto</i>		
IT-HPAI(P)-2022-00026	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.32262, E11.193539	21.11.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.32262, E11.193539	13.11.2022 – 21.11.2022
IT-HPAI(P)-2022-00029	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.753972, E12.149041	4.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.753972, E12.149041	26.11.2022 – 4.12.2022

IT-HPAI(P)- 2022-00031	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.9193668, E12.4351595	3.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.9193668, E12.4351595	25.11.2022 – 3.12.2022
IT-HPAI(P)- 2022-00033	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.211179, E11.272346	8.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.211179, E11.272346	30.11.2022 – 8.12.2022
IT-HPAI(P)- 2022-00034	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.221390806, E11.04331334	11.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.221390806, E11.04331334	3.12.2022 – 11.12.2022
IT-HPAI(P)- 2022-00036	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.771464 , E12.147417	8.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.771464 , E12.147417	30.11.2022-8.12.2022
IT-HPAI(P)- 2022-00037	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.741660 , E12.452298	8.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.741660 , E12.452298	30.11.2022-8.12.2022
IT-HPAI(P)- 2022-00039	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N44.964074644, E12.282057809	14.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N44.964074644, E12.282057809	6.12.2022-14.12.2022

IT-HPAI(P)- 2022-00040	The area of the parts of Veneto Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.233473, E11.657231	10.12.2022
	The area of the parts of Veneto Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.233473, E11.657231	2.12.2022-10.12.2022
<i>Region: Lombardia</i>		
IT-HPAI(P)- 2022-00027	The area of the parts of Lombardia Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.298429, 9.9980267	22.11.2022
	The area of the parts of Lombardia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.298429, 9.9980267	14.11.2022 - 22.11.2022
IT-HPAI(P)- 2022-00030	The area of the parts of Lombardia Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.098875, E8.81998199999998	30.11.2022
	The area of the parts of Lombardia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.098875, E8.81998199999998	22.11.2022 – 30.11.2022
IT-HPAI(P)- 2022-00032	The area of the parts of Lombardia Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.049383, E10.35708	8.12.2022
	The area of the parts of Lombardia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.049383, E10.35708	30.11.2022 – 8.12.2022
<i>Region: Emilia Romagna</i>		
ADIS: IT-HPAI(P)- 2022-00028	The area of the parts of Emilia Romagna Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N44.714462, E11.926653	29.11.2022
	The area of the parts of Emilia Romagna Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N44.714462, E11.926653	21.11.2022 – 29.11.2022

<i>Region: Friuli Venezia Giulia</i>		
IT-HPAI(P)- 2022-00035	The area of the parts of Friuli Venezia Giulia Region extending beyond the area described in the protection zone and within the circle of a radius of ten kilometres, centred on WGS84 dec. coordinates N45.962481, E12.606420	5.12.2022
	The area of the parts of Friuli Venezia Giulia Region contained within a circle of radius of three kilometres, centred on WGS84 dec. coordinates N45.962481, E12.606420	27.11.2022-5.12.2022

Member State: The Netherlands

ADIS reference number of the outbreak	Area comprising:	Date until applicable in accordance with Article 55 of Delegated Regulation (EU) 2020/687
<i>Municipality Bodegraven, province Zuid Holland</i>		
NL-HPAI(P)- 2022-00075	10KM Gebiedsbeschrijving 1. via Europabaan naar M.A. Reinaldaweg 2. via M.A. Reinaldaweg naar Polanerzandweg 3. via Polanerzandweg naar Kromwijkerdijk 4. via Kromwijkerdijk naar Haardijk 5. via Haardijk naar Noord Linschoterdijk 6. via Noord Linschoterdijk naar Noord-Linschoterzandweg 7. via Noord-Linschoterzandweg naar Noord-Linschoterkade 8. via Noord-Linschoterkade naar Plesmanplantsoen 9. via Plesmanplantsoen naar Biezenpoortstraat 10. via Biezenpoortstraat naar Oude Singel 11. via Oude Singel naar Johan J. Vierbergenweg 12. via Johan J. Vierbergenweg naar Tappersheul 13. via Tappersheul naar Ruige Weide 14. via Ruige Weide naar Poppelendam 15. via Poppelendam naar Spoorbaan 16. via Spoorbaan naar Goverwelletunnel 17. via Goverwelletunnel naar Goverwellesingel 18. via Goverwellesingel naar Voorwillenseweg 19. via Voorwillenseweg naar Karnemelksloot 20. via Karnemelksloot naar Blekerssingel 21. via Blekerssingel naar Spoorstraat 22. via Spoorstraat naar Burgemeester Jamessingel 23. via Burgemeester Jamessingel naar Goudse Poort 24. via Goudse Poort naar Burgemeester van Reenensingel 25. via Burgemeester van Reenensingel naar Hanzeweg 26. via Hanzeweg naar Nieuwe Gouwe o.z. 27. via Nieuwe Gouwe o.z. naar Coenecoopbocht 28. via Coenecoopbocht naar Coenecoopbrug 29. via Coenecoopbrug naar Kanaaldijk 30. via Kanaaldijk naar N Ringdijk 31. via N Ringdijk naar Kanaaldijk 32. via Kanaaldijk naar Dreef	11.11.2022

	33. via Dreef naar Sniepweg 34. via Sniepweg naar Dorpsstraat 35. via Dorpsstraat naar Noordeinde 36. via Noordeinde naar Roemer 37. via Roemer naar Hoozeveenseweg 38. via Hoozeveenseweg naar Middelweg 39. via Middelweg naar Voorweg 40. via Voorweg naar Dorpsstraat 41. via Dorpsstraat naar Ds D A van den Boschstraat 42. via Ds D A van den Boschstraat naar Burgemeester Warnakade 43. via Burgemeester Warnakade naar Gemeeneweg 44. via Gemeeneweg naar Rijndijk 45. via Rijndijk naar Steek Door 46. via Steek Door naar Hoogewaard 47. via Hoogewaard naar Weidedreef 48. via Weidedreef naar Kerklaan 49. via Kerklaan naar Hofstedelaantje 50. via Hofstedelaantje naar Lagewaard 51. via Lagewaard naar Batelaan 52. via Batelaan naar Ruige Kade 53. via Ruige Kade naar Ofwegen 54. via Ofwegen naar Kerkweg 55. via Kerkweg naar Kruisweg 56. via Kruisweg naar Herenweg 57. via Herenweg naar Provincialeweg 58. via Provincialeweg naar Steek Door 59. via Steek Door naar Woudsedijk-Zuid 60. via Woudsedijk-Zuid naar Woudsedijk 61. via Woudsedijk naar Langeraarseweg 62. via Langeraarseweg naar Geerweg 63. via Geerweg naar Oude Nieuwveenseweg 64. via Oude Nieuwveenseweg naar A.H. Kooistrastraat 65. via A.H. Kooistrastraat naar Kerkstraat 66. via Kerkstraat naar W.P. Speelmanweg 67. via W.P. Speelmanweg naar Tochtpad 68. via Tochtpad naar De Schinkel 69. via De Schinkel naar Noordeinde 70. via Noordeinde naar Dorpsstraat 71. via Dorpsstraat naar Jonge Zevenhovenseweg 72. via Jonge Zevenhovenseweg naar Hogedijk 73. via Hogedijk naar Sluitkade 74. via Sluitkade naar Steek Door 75. via Steek Door naar Amstelkade 76. via Amstelkade naar Lange Meentweg 77. via Lange Meentweg naar Amstelkade 78. via Amstelkade naar Lange Meentweg 79. via Lange Meentweg naar Van Teylingenweg 80. via Van Teylingenweg naar Beukenlaan 81. via Beukenlaan naar Berkenlaan 82. via Berkenlaan naar Goudenregenlaan 83. via Goudenregenlaan naar Eikenlaan 84. via Eikenlaan naar Beukenlaan 85. via Beukenlaan naar Spruitweg 86. via Spruitweg naar Ir. Enschedéweg 87. via Ir. Enschedéweg naar Geestdorp 88. via Geestdorp naar Utrechtsestraatweg 89. via Utrechtsestraatweg naar Cattenbroekerlaan 90. via Cattenbroekerlaan naar Steinhagenseweg 91. via Steinhagenseweg naar Europabaan	
	Those parts of the municipality Bodegraven contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4,76, lat 52,11	3.11.2022 – 11.11.2022

Municipality Dalfsen province Overijssel

NL-HPAI(P)- 2022-00076	1. via N48 naar Oude Hammerweg 2. via oude Hammerweg naar Borrinkdijk 3. via Borrinkdijk naar Vilsterse Kerkpad 4. via Vilsterse Kerkpad naar Vlierhoekweg 5. via Vlierhoekweg naar Schaapskooiweg 6. via Schaapskooiweg naar Dalmsholterweg 7. via Dalmsholterweg naar de Uithoek 8. via de Uithoek naar Diezerstraat 9. via Diezerstraat naar Heinoseweg 10. via Heinoseweg naar Slennebroekerweg 11. via Slennebroekerweg naar Blauwedijk 12. via Blauwedijk naar Tibbensteeg 13. via Tibbensteeg naar Lage Weide 14. via Lage Weide naar Kerkstraat 15. via Kerkstraat naar Zwarteweg 16. via Zwarteweg naar Klapvoortweg 17. via Klapvoortweg naar Mataramweg 18. via Mataramweg naar Poppenallee 19. via Poppenallee naar Marshoekersteeg 20. via Marshoekersteeg naar Herfterweg 21. via Herfterweg naar Oude Dalfserweg 22. via Oude Dalfserweg naar Hooiweg 23. via Hooiweg naar Maatgravenweg 24. via Maatgravenweg naar Maatgravendijk 25. via Maatgravendijk naar Kranenburgweg 26. via Kranenburgweg naar Erasmuslaan 27. via Erasmuslaan naar Bergkloosterweg 28. via Bergkloosterweg naar Haersterveerweg 29. via Haersterveerweg naar Haersterveer 30. via Haersterveer naar de Doornweg 31. via de Doornweg naar Verkavelingsweg 32. via Verkavelingsweg naar Grindweg 33. via Grindweg naar Oude Vaartdijk	13.11.2022
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	34. via Oude Vaartdijk naar Holtrustweg 35. via Holtrustweg naar fietspad Holtrustweg-Rechterenseweg 36. via fietspad Holtrustweg-Rechterenseweg naar Rechterensweg 37. via Rechterensweg naar Stadsweg 38. via Stadsweg naar Afschuttingsweg 39. via Afschuttingsweg naar Scholenland 40. via Scholenland naar Klaas Kloosterweg west 41. via Klaas Kloosterweg west naar Conradsweg 42. via Conradsweg naar d'Olde Dijk 43. via d'Olde Dijk naar Klaas Kloosterweg west 44. via Klaas Kloosterweg West naar Viaduktweg 45. via Viaduktweg naar Varallelweg 46. via Parallelweg naar Klaas Kloosterweg Oost 47. via Klaas Kloosterweg Oost naar Gemeenteweg 48. via Gemeenteweg naar Heerenweg 49. via Heerenweg naar Root oever 50. via Groot Oever naar Bloemberg 51. via Bloemberg naar Pieperij 52. via Pieperij naar Nieuwe Dijk 53. via Nieuwe Dijk naar fietspad 54. via fietspad naar Den Kaat 55. via den Kaat naar de Pol 56. via de Pol naar Dedemsvaart 57. via Dedemsvaart naar N48	
	Those parts of the municipality Dalfsen contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 6.28 lat 52.58	5.11.2022 – 13.11.2022

Municipality Noardeast-Fryslân, province Friesland

NL-HPAI(P)- 2022-00077	1. Vanaf Kruising Buitendykswechy/ oever waddenzee, oever volgen in oostelijke richting tot aan `t Schoor.</li> <li>2. `t Scoor volgen in oostelijke richting tot aan Wieremer Opfeart(water). 3. Wieremer Opfeart volgen in zuidelijke richting tot aan De Peazens (water). 4. De Peazens volgen in westelijke richting tot aan Bollingwier. 5. Bollingwier volgen in oostelijke richting tot aan Bartenswei. 6. Bartenswei volgen in zuidelijke richting tot aan Grytmanswei. 7. Grytmanswei volgen in westelijke richting tot aan Dokkummerwei. 8. Dokkumerwei volgen in westelijke richting tot aan Jellegat (water). 9. Jellegat volgen in zuidelijke richting overgaand in Eastrumer Opfeart. tot aan Dokkumer Grutdyp (water). 10. Dokkumer Grutdyp volgen in oostelijke richting tot aan Driezumer Ryd (water). 11. Driezumer Ryd volgen in zuidelijke richting tot aan Trekwei. 12. Trekwei volgen in zuidelijke richting tot aan Eastwald. 13. Eastwald volgen in westelijke richting overgaand in Van Sytzemawei tot aan Tsjerkestritte. 14. Tsjerkestritte volgen in zuidelijke richting overgaand in Foarwei overgaand in Doniawei tot aan Centrale As (N356). 15. N356 volgen in zuidelijke richting tot aan Falomster Feart (water). 16. Falomster Feart volgen in westelijke richting tot aan De Wiel (Water). 17. De Wiel volgen in westelijke richting overgaand in Jetsekolk overgaand in Bouwepet tot aan Trynwaldsterdyk. 18. Trynwaldsterdyk volgen in noordelijke richting tot aan Nieuwe Straatweg. 19. Nieuwe Straatweg volgen in westelijke richting overgaand in Canterlandseweg tot aan Eggedyk.	14.11.2022
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	20. Eggedyk volgen in westelijke richting tot aan Dokkumer Ee(water). 21. Dokkumer Ee volgen in noordelijke richting tot aan Stienzer Feart. 22. Stienzer Feart volgen in westelijke richting tot aan Bredyk. 23. Bredyk volgen in noordelijke richting tot aan Feinsumer Feart. 24. Feinsumer Feart volgen in westelijke richting tot aan Hege Hearewei. 25. Hege Hearewei volgen in noordelijke richting tot aan Monnikebildtslaan. 26. Monnikebildtslaan volgen in westelijke richting tot aan Vijfhuisterdyk. 27. Vijfhuisterdyk volgen in noordelijke richting tot aan Monnikeboldtdyk. 28. Monnikeboldtdyk volgen in westelijke richting tot aan Vana Albadaweg. 29. Van Albadaweg volgen in noordelijke richting overgaand in 't Buttendykswechy tot aan Oever Waddenzee.	
	Those parts of the municipality Noardeast-Fryslân contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.89 lat 53.34	6.11.2022 – 14.11.2022
Municipality Nederweert province Limburg		
NL-HPAI(P)- 2022-00078	1. via Biesstraat naar Eykerstokweg 2. via Eykerstokweg naar Kouk 3. via Kouk naar Op de Bos 4. via Op de Bos naar Koelenstraat 5. via Koelenstraat naar Haelenscheweg 6. via Haelenscheweg naar Duykstraat 7. via Duykstraat naar Stekstraat 8. via Stekstraat naar Beekkant 9. via Beekkant naar salmenhofweg 10. via Salmenhofweg naar dorpstraat 11. via Dorpstraat naar Rijksweg 12. via Rijksweg naar Kasteelweg 13. via Kasteelweg naar Abenhofweg	15.11.2022

	14. via Abenhofweg naar Heiakker 15. via Heiakker naar Hunselerdijk 16. via Hunselerdijk naar Kanaalweg 17. via Kanaalweg naar Velterweg 18. via Velterweg naar Scheidingsweg 19. via Scheidingsweg naar Varenstraat 20. via Varenstraat naar Kraakstraat 21. via Kraakstraat naar Schansstraat 22. via Schansstraat naar Venderstraat 23. via Venderstraat naar Hostertstraat 24. via Hostertstraat naar Moosterstraat 25. via Moosterstraat naar Lochterstraat 26. via Lochterstraat naar Laagstraat 27. via Laagstraat naar Isidoorstraat 28. via Isidoorstraat naar Isodoorstraat 29. via Isodoorstraat naar Molenweg 30. via Molenweg naar Wilhelminastraat 31. via Wilhelminastraat naar Amentstraat 32. via Amentstraat naar Maaseikerweg 33. via Maaseikerweg naar Tuurkesweg 34. via Tuurkesweg naar Bosbrugweg 35. via Bosbrugweg naar Wallenweg 36. via Wallenweg naar Heltenbosdijk 37. via Heltenbosdijk naar Dijkerpeelweg 38. via Dijkerpeelweg naar Bocholterweg 39. via Bocholterweg naar Herenvennenweg 40. via Herenvennenweg naar Grotesteeg 41. via Grotesteeg naar Spekkestraat 42. via Spekkestraat naar Breijvensweg 43. via Breijvensweg naar Herenvennenweg 44. via Herenvennenweg naar Lozerweg 45. via Lozerweg naar Kazernelaan	
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	46. via Kazernelaan naar Suffolkweg zuid 47. via Suffolkweg zuid naar Kempenweg 48. via Kempenweg naar Trancheeweg 49. via Trancheeweg naar Spoorbaan 50. via Spoorbaan naar Reintjensweg 51. via Reintjensweg naar Nieuwesteeg 52. via Nieuwesteeg naar Reintjenssteeg 53. via Reintjenssteeg naar Geuzendijk 54. via Geuzendijk naar Broekenpeeldijk 55. via Broekenpeeldijk naar Kuikensvendijk 56. via Kuikensvendijk naar Randweg-oost 57. via Randweg-oost naar Driebos 58. via Driebos naar Den Engelsman 59. via Den Engelsman naar Philipsweg 60. via Philipsweg naar Koenraadtweg 61. via Koenraadtweg naar Panweg 62. via Panweg naar Bergdijk 63. via Bergdijk naar Limburglaan 64. via Limburglaan naar Kraaiendijk 65. via Kraaiendijk naar Gelderselaan 66. via Gelderselaan naar Michelslaan 67. via Michelslaan naar Ripsvelderweg 68. via Ripsvelderweg naar Zonneweg 69. via Zonneweg naar Kerkendijk 70. via Kerkendijk naar Driehoekstraat 71. via Driehoekstraat naar Zandstraat 72. via Zandstraat naar Hooghoefweg 73. via Hooghoefweg naar Zandstraat 74. via Zandstraat naar Kievitakkerweg 75. via Kievitakkerweg naar Drietand 76. via Drietand naar Hageheld 77. via Hageheld naar Atalanta 78. via Atalanta naar Burgemeester Roelslaan	
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	79. via Burgemeester Roelslaan naar Witvrouwenbergweg 80. via Witvrouwenbergweg naar Provinciale weg 81. via Provincialeweg naar Heesakkerweg 82. via Heesakkerweg naar Hazeldonk 83. via Hazeldonk naar Waardjesweg 84. via Waardjesweg naar Bosweg 85. via Bosweg naar 't Hoekske 86. via 't Hoekske naar Heistraat 87. via Heistraat naar Meijlseweg 88. via Meijlseweg naar Bleekerweg 89. via Bleekerweg naar Zeilhoekweg 90. via Zeilhoekweg naar Provinciale Weg 91. via Provinciale Weg naar Buizerdweg 92. via Buizerdweg naar Sperwerstraat 93. via Sperwerstraat naar Tureluurweg 94. via Tureluurweg naar Ericaweg 95. via Ericaweg naar Moostdijk 96. via Moostdijk naar Keulsebaan 97. via Keulsebaan naar Hof 98. via Hof naar Molenstraat 99. via Molenstraat naar Dorpsstraat 100. via Dorpsstraat naar Raadhuisplein 101. via Raadhuisplein naar Schoolstraat 102. via Schoolstraat naar Steegstraat 103. via Steegstraat naar Steenkampseweg 104. via Steenkampseweg naar Weetweg 105. via Weetweg naar Krum 106. via Krum naar Roggelsedijk 107. via Roggelsedijk naar Witdonk 108. via Witdonk naar Boerderijweg 109. via Boerderijweg naar Staldijk 110. via Staldijk naar Heide 111. via Heide naar Schansdijk	
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	112. via Schansdijk naar Heldensedijk 113. via Heldensedijk naar Hoek 114. via Hoek naar Tramstraat 115. via Tramstraat naar Heythuysenweg 116. via Heythuysenweg naar Walk 117. via Walk naar Biesstraat	
	Those parts of the municipality Nederweert contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.78, lat 51.29	7.11.2022 – 15.11.2022
<i>Hoogstraten Belgium</i>		
BE-HPAI(P)- 2022-00008	1. Vanaf de grens Nederland België Wernhoutseweg volgend overgaand Molenstraat overgaand Bredaseweg overgaand N263 tot Risten. 2. Risten volgend tot Hogestraat. 3. Hogestraat volgend tot Kruispad. 4. Kruispad volgend tot Overasebaan. 5. Overasebaan volgend tot Scholbergstraat. 6. Scholbergstraat volgend tot de Berkte. 7. De Berkste volgend tot Nieuw-Ginnekebaan. 8. Nieuw-Ginnekebaan volgend tot A16. 9. A16 volgend tot A58. 10. A58 volgend tot N639. 11. N639 volgend tot Dassemussestraat. 12. Dassemussestraat volgend tot Heikantsestraat. 13. Heikantsestraat volgend tot Gilzeweg. 14. Gilzeweg volgend tot Huisdreef. 15. Huisdreef volgend tot Fransebaan. 16. Fransebaan volgend tot Chaamseweg. 17. Chaamseweg volgend tot Hooispoor. 18. Hooispoor volgend tot Kwaalbrug. 19. Kwaalbrug volgend tot N260. 20. N260 volgend tot Nijhoven. 21. Nijhoven volgend tot Kievit. 22. Kievit volgend tot grens Nederland België 23. Grens Nederland België volgend tot Wernhoutseweg.	22.11.2022

	Those parts of the municipality Hoogtraten contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4.9 lat 51.44	15.11.2022 - 22.11.2022
<i>Municipality Leudal province Limburg</i>		
NL-HPAI(P)- 2022-00079	1. via Rijksweg naar Eindstraat 2. via Eindstraat naar Posthuisweg 3. via Posthuisweg naar Beegderweg 4. via Beegderweg naar Beegderveld 5. via Beegderveld naar Heerstraat-Noord 6. via Heerstraat-Noord naar Heerstraat-Zuid 7. via Heerstraat-Zuid naar Oosterveldstraat 8. via Oosterveldstraat naar Heideweg 9. via Heideweg naar Baerkespaad 10. via Baerkespaad naar Peelweg 11. via Peelweg naar Daalzicht 12. via Daalzicht naar Rijksweg 13. via Rijksweg naar Napoleonsweg Noord 14. via Napoleonsweg Noord naar Napoleonsweg Zuid 15. via Napoleonsweg Zuid naar Napoleonsweg 16. via Napoleonsweg naar Torenweg 17. via Torenweg naar Amerikastraat 18. via Amerikastraat naar Afrikastraat 19. via Afrikastraat naar Amerikastraat 20. via Amerikastraat naar Schillersstraat 21. via Schillersstraat naar Kallestraat 22. via Kallestraat naar Kraakstraat 23. via Kraakstraat naar Weverstraat 24. via Weverstraat naar Langvenweg 25. via Langvenweg naar Venderstraat 26. via Venderstraat naar Hostertstraat 27. via Hostertstraat naar Moosterstraat 28. via Moosterstraat naar Roodvenweg 29. via Roodvenweg naar Baldersstraat 30. via Baldersstraat naar Castertstraat	23.11.2022

	31. via Castertstraat naar Pelmersheideweg 32. via Pelmersheideweg naar Dupesweg 33. via Dupesweg naar Kievitspeelweg 34. via Kievitspeelweg naar Castertweg 35. via Castertweg naar Spechtebaan 36. via Spechtebaan naar Vliegertstraat 37. via Vliegertstraat naar Castertweg 38. via Castertweg naar Langertsteeg 39. via Langertsteeg naar Hondsteeg 40. via Hondsteeg naar Mellenakkerweg 41. via Mellenakkerweg naar Ringbaan Oost 42. via Ringbaan Oost naar via Raeka 43. via via Raeka naar Rakerstraat 44. via Rakerstraat naar Boeketweg 45. via Boeketweg naar Heijsterstraat 46. via Heijsterstraat naar Hoek 47. via Hoek naar Rosselsweg 48. via Rosselsweg naar Brekensteeg 49. via Brekensteeg naar Colusdijk 50. via Colusdijk naar Krietjesdijk 51. via Krietjesdijk naar Krommedijk 52. via Krommedijk naar Molswingelsdwarsdijk 53. via Molswingelsdwarsdijk naar Booldersdijk 54. via Booldersdijk naar Dooleggersbaan 55. via Dooleggersbaan naar Dertiensedijk 56. via Dertiensedijk naar Kanaaldijk-Zuid 57. via Kanaaldijk-Zuid naar Langendijk 58. via Langendijk naar Jan Smitslaan 59. via Jan Smitslaan naar Stevensvaartje 60. via Stevensvaartje naar Valenpeelsedijk 61. via Valenpeelsedijk naar Peelweg 62. via Peelweg naar Gezandebaan 63. via Gezandebaan naar Bosdijk	
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	64. via Bosdijk naar Kruisbaan 65. via Kruisbaan naar Goudplevierweg 66. via Goudplevierweg naar Meijelseweg 67. via Meijelseweg naar Buizerdweg 68. via Buizerdweg naar Heitrak 69. via Heitrak naar Dorpsstraat 70. via Dorpsstraat naar Broekstraat 71. via Broekstraat naar Steen 72. via Steen naar Braamweg 73. via Braamweg naar Sint Vincentiusstraat 74. via Sint Vincentiusstraat naar Grauwveenweg 75. via Grauwveenweg naar Kanaaldijk Oost 76. via Kanaaldijk Oost naar Kanaaldijk Noord 77. via Kanaaldijk Noord naar Helenastraat 78. via Helenastraat naar Grashoekseweg 79. via Grashoekseweg naar Helenaveenseweg 80. via Helenaveenseweg naar Pastoor Vullingsstraat 81. via Pastoor Vullingsstraat naar Lorbaan 82. via Lorbaan naar Vliegertsdijk 83. via Vliegertsdijk naar Ninnesweg 84. via Ninnesweg naar Industrierrein Panningen 85. via Industrierrein Panningen naar Loosteeg 86. via Loosteeg naar Stokserweg 87. via Stokserweg naar Tuindersweg 88. via Tuindersweg naar Ruijsstraat 89. via Ruijsstraat naar van Hövellstraat 90. via van Hövellstraat naar Roggelseweg 91. via Roggelseweg naar Schepenstraat 92. via Schepenstraat naar Neerseweg 93. via Neerseweg naar Bovensbosweg 94. via Bovensbosweg naar Bovensbos 95. via Bovensbos naar Bovensbosweg	
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	96. via Bovensbosweg naar Lanterdweg 97. via Lanterdweg naar Roland 98. via Roland naar 1e Dwarsweg 99. via 1e Dwarsweg naar Steenbos 100. via Steenbos naar Kanaalweg 101. via Kanaalweg naar Rijksweg 102. via Rijksweg naar Napoleonsweg 103. via Napoleonsweg naar Waije 104. via Waije naar Schoor 105. via Schoor naar Hanssum 106. via Hanssum naar Molenstraat 107. via Molenstraat naar Hagendoorn 108. via Hagendoorn naar Zwaarveld 109. via Zwaarveld naar Arixweg 110. via Arixweg naar Boonstraat 111. via Boonstraat naar Dorpsstraat 112. via Dorpsstraat naar Berikstraat 113. via Berikstraat naar Roermondseweg 114. via Roermondseweg naar Breeweg 115. via Breeweg naar Schoolstraat 116. via Schoolstraat naar dorpstraat 117. via Dorpsstraat naar Raadhuisplein 118. via Raadhuisplein naar Kerkpad 119. via Kerkpad naar Rijksweg	
	Those parts of the municipality Leudal contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.87, lat 51.29	15.11.2022 - 23.11.2022

<i>Lunteren, province Gelderland</i>		
NL-HPAI(P)- 2022-00080	1.	via Berkenlaan naar prins Bernhardlaan
	2.	via prins Bernhardlaan naar Willem Lodewijklaan
	3.	via Willem Lodewijklaan naar Blokkenweg
	4.	via Blokkenweg naar Parkweg
	5.	via Parkweg naar Anton Mauvestraat
	6.	via Anton Mauvestraat naar Jan Th. Tooroplaan
	7.	via Jan Th. Tooroplaan naar Laan der Verenigde Naties
	8.	via Laan der Verenigde Naties naar Statepad
	9.	via Statepad naar Maanderdijk
	10.	via Maanderdijk naar Bennekomsekade
	11.	via Bennekomsekade naar Meentdijk
	12.	via Meentdijk naar Dragonderweg
	13.	via Dragonderweg naar Rauweveldseweg
	14.	via Rauweveldseweg naar Wageningselaan
	15.	via Wageningselaan naar Rondweg-oost
	16.	via Rondweg-oost naar de Smalle Zijde
	17.	via de Smalle Zijde naar Hermelijnlaan
	18.	via Hermelijnlaan naar Middellaan
	19.	via Middellaan naar Bergweg
	20.	via Bergweg naar Rondweg-west
	21.	via Rondweg-west naar Dijkstraat
	22.	via Dijkstraat naar Nijhofflaan
	23.	via Nijhofflaan naar Dijkstraat-west
	24.	via Dijkstraat-west naar Slaperdijk
	25.	via Slaperdijk naar Utrechtse Spoor
	26.	via Utrechtse Spoor naar Dwarsweg
	27.	via Dwarsweg naar Achterweg
	28.	via Achterweg naar Bergweg
	29.	via Bergweg naar Utrechtse Spoor
	30.	via Utrechtse Spoor naar Scherpenzeelseweg
		20.11.2022

	31. via Scherpenzeelseweg naar Utrechtsebaan 32. via Utrechtsebaan naar Maarsbergseweg 33. via Maarsbergseweg naar Woudenbergseweg 34. via Woudenbergseweg naar Scherpenzeelseweg 35. via Scherpenzeelseweg naar Griftdijk 36. via Griftdijk naar Woudenbergseweg 37. via Woudenbergseweg naar Maarsbergseweg 38. via Maarsbergseweg naar Randweg 39. via Randweg naar Maarsbergseweg 40. via Maarsbergseweg naar Geeresteinselaan 41. via Geeresteinselaan naar Arnhemseweg 42. via Arnhemseweg naar Leusbroekerweg 43. via Leusbroekerweg naar Hamersveldseweg 44. via Hamersveldseweg naar Zuiderinslag 45. via Zuiderinslag naar Groene Zoom 46. via Groene Zoom naar Plesmanstraat 47. via Plesmanstraat naar Horsterweg 48. via Horsterweg naar Engweg 49. via Engweg naar Hessenweg 50. via Hessenweg naar Barneveldseweg 51. via Barneveldseweg naar Hogeweg 52. via Hogeweg naar Spoorbaan 53. via Spoorbaan naar Stoutenburgerlaan 54. via Stoutenburgerlaan naar Koninginneweg 55. via Koninginneweg naar Oosterdorpsstraat 56. via Oosterdorpsstraat naar Penningweg 57. via Penningweg naar Veenwal 58. via Veenwal naar Wolfsesteeg 59. via Wolfsesteeg naar Blokhuisersteeg 60. via Blokhuisersteeg naar Vossenweg 61. via Vossenweg naar Koperweg 62. via Koperweg naar Peerweg	
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63.	via Peerweg naar Barneveldseweg
64.	via Barneveldseweg naar Bulderweg
65.	via Bulderweg naar Nieuwe Voorthuizerweg
66.	via Nieuwe Voorthuizerweg naar Schoenlapperweg
67.	via Schoenlapperweg naar Woudweg
68.	via Woudweg naar Nieuwe Voorthuizerweg
69.	via Nieuwe Voorthuizerweg naar Kruishaarseweg
70.	via Kruishaarseweg naar Overhorsterweg
71.	via Overhorsterweg naar Rembrandtstraat
72.	via Rembrandtstraat naar Gerard Doustraat
73.	via Gerard Doustraat naar Wheemstraat
74.	via Wheemstraat naar Hoofdstraat
75.	via Hoofdstraat naar Apeldoornsestraat
76.	via Apeldoornsestraat naar Bosweg
77.	via Bosweg naar Harremaatweg
78.	via Harremaatweg naar Polleveenseweg
79.	via Polleveenseweg naar Lange Zuiderweg
80.	via Lange Zuiderweg naar Garderbroekerweg
81.	via Garderbroekerweg naar Kapweg
82.	via Kapweg naar Stroeërweg
83.	via Stroeërweg naar Ravenweg
84.	via Ravenweg naar Kootwijkerbroekerweg
85.	via Kootwijkerbroekerweg naar Garderbroekerweg
86.	via Garderbroekerweg naar Breihutterweg
87.	via Breihutterweg naar Meentweg
88.	via Meentweg naar Essenerweg
89.	via Essenerweg naar Hulstweg
90.	via Hulstweg naar Dijkerweg
91.	via Dijkerweg naar Velkemeensedijk
92.	via Velkemeensedijk naar Westenengseweg
93.	via Westenengseweg naar Willinkhuizersteeg

	94. via Willinkhuizersteeg naar Lage Valkseweg	
	95. via Lage Valkseweg naar Edeseweg	
	96. via Edeseweg naar Wekeromse Buurtweg	
	97. via Wekeromse Buurtweg naar Veldweg	
	98. via Veldweg naar Roekelseweg	
	99. via Roekelseweg naar Apeldoornseweg	
	100. via Apeldoornseweg naar Raadhuisstraat	
	101. via Raadhuisstraat naar Klinkenbergerweg	
	102. via Klinkenbergerweg naar Berkenlaan	
	103. via Jan Th. Tooroplaan naar Laan der Verenigde Naties	
	104. via Laan der Verenigde Naties naar Kennedydreef	
	105. via Kennedydreef naar Rooseveltdreef	
	106. via Rooseveltdreef naar Palmedreef	
	107. via Palmedreef naar Laan der Verenigde Naties	
	108. via Laan der Verenigde Naties naar Asserstate	
	109. via Asserstate naar Statepad	
	110. via Statepad naar Maanderdijk	
	111. via Maanderdijk naar Rijnsteeg	
	112. via Rijnsteeg naar Kraatsweg	
	113. via Kraatsweg naar Bennekomsekade	
	114. via Bennekomsekade naar Meentweg	
	115. via Meentweg naar Meentdijk	
	116. via Meentdijk naar Dragonderweg	
	117. via Dragonderweg naar Rauweveldseweg	
	118. via Rauweveldseweg naar Wageningselaan	
	119. via Wageningselaan naar Electronenstraat	
	120. via Electronenstraat naar Bobinestraat	
	121. via Bobinestraat naar de Smalle Zijde	
	122. via de Smalle Zijde naar Rondweg-oost	
	123. via Rondweg oost naar Cuneraweg	
	124. via Cuneraweg naar Rondweg-west	

	125. via Rondweg-west naar Cuneraweg 126. via Cuneraweg naar Veenseweg 127. via Veenseweg naar Rijksstraatweg 128. via Rijksstraatweg naar Kon Wilhelminaweg 129. via Kon Wilhelminaweg naar Rijksstraatweg 130. via Rijksstraatweg naar Maarsbergseweg 131. via Maarsbergseweg naar Woudenbergseweg 132. via Woudenbergseweg naar Maarsbergseweg 133. via Maarsbergseweg naar Geeresteinselaan 134. via Geeresteinselaan naar Arnhemseweg 135. via Arnhemseweg naar Leusbroekerweg 136. via Leusbroekerweg naar Hamersveldseweg 137. via Hamersveldseweg naar Kapelhoek 138. via Kapelhoek naar Klepelhoek 139. via Klepelhoek naar Beltmolen 140. via Beltmolen naar Rosmolenstraat 141. via Rosmolenstraat naar Kuperssingel 142. via Kuperssingel naar Hamersveldseweg 143. via Hamersveldseweg naar Zwarteweg 144. via Zwarteweg naar Flankement 145. via Flankement naar Horsterweg 146. via Horsterweg naar Schammersteeg 147. via Schammersteeg naar Driftakkerweg 148. via Driftakkerweg naar Kopermolenpad 149. via Kopermolenpad naar Bloeidaalpad 150. via Bloeidaalpad naar Koedijkerweg 151. via Koedijkerweg naar Stoutenburgerlaan 152. via Stoutenburgerlaan naar Beekhof 153. via Beekhof naar Koninginneweg 154. via Koninginneweg naar Oosterdorpsstraat 155. via Oosterdorpsstraat naar Penningweg 156. via Penningweg naar Veenwal	
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	157. via Veenwal naar Veenburgerweg 158. via Veenburgerweg naar Damweg 159. via Damweg naar Platanenstraat 160. via Platanenstraat naar Wielweg 161. via Wielweg naar Leemweg 162. via Leemweg naar Vrouwenweg 163. via Vrouwenweg naar Appelsestraat 164. via Appelsestraat naar Oude Voorthuizerweg 165. via Oude Voorthuizerweg naar Dusschoterweg 166. via Dusschoterweg naar Overhorsterweg 167. via Overhorsterweg naar Rembrandtstraat 168. via Rembrandtstraat naar Hoofdstraat 169. via Hoofdstraat naar Molenweg 170. via Molenweg naar Garderbroekerweg 171. via Garderbroekerweg naar Kapweg 172. via Kapweg naar Graafhorstweg 173. via Graafhorstweg naar Garderbroekerweg 174. via Garderbroekerweg naar Veluweweg 175. via Veluweweg naar Kerkweg 176. via Kerkweg naar de Schaapsteeg 177. via de Schaapsteeg naar Topperweg 178. via Topperweg naar Essenerweg 179. via Essenerweg naar Hulstweg 180. via Hulstweg naar Dijkerweg 181. via Dijkerweg naar Velkemeensedijk 182. via Velkemeensedijk naar Westenengseweg 183. via Westenengseweg naar Willinkhuizersteeg 184. via Willinkhuizersteeg naar Lage Valkseweg 185. via Lage Valkseweg naar A.g. Wijersweg 186. via A.g. Wijersweg naar Kerkweg 187. via Kerkweg naar Edeseweg 188. via Edeseweg naar Roekelseweg	
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	189. via Roekelseweg naar Wekeromse Buurtweg 190. via Wekeromse Buurtweg naar Edeseweg 191. via Edeseweg naar Wekeromseweg 192. via Wekeromseweg naar Vosseveldseweg 193. via Vosseveldseweg naar Apeldoornseweg 194. via Apeldoornseweg naar Hessenweg 195. via Hessenweg naar Driebergweg 196. via Driebergweg naar Nieuwe Kazernelaan 197. via Nieuwe Kazernelaan naar Eikenlaan 198. via Eikenlaan naar Klinkenbergerweg 199. via Klinkenbergerweg naar Albertstunnel 200. via Albertstunnel naar Klinkenbergerweg 201. via Klinkenbergerweg naar Emmalaan 202. via Emmalaan naar Jan Th. Tooroplaan	
	Those parts of the municipality Ede and Renswoude contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.57 lat 52.1	12.11.2022 - 20.11.2022
<i>Municipality Maasdriel, province Gelderland</i>		
NL-HPAI(P)- 2022-00081	1. Vanaf kruising Afwateringskanaal `s- Hertogenbosch-Drongelen/ Nieuwkuikseweg volgen in noordelijke richting tot aan De Zeeg. 2. De Zeeg volgen in westelijke richting tot aan Meerdijk. 3. Meerdijk volgen in noordelijke richting tot aan Bosscheweg. 4. Bosscheweg volgen in westelijke richting tot aan Lipsstraat. 5. Lipsstraat volgen in noordelijke richting tot aan Spoorlaan. 6. Spoorlaan volgen in oostelijke richting tot aan Wolffshoek. 7. Wolffshoek volgen in noordelijke richting tot aan Heusdenseweg. 8. Heusdenseweg volgen in noordelijke richting overgaand in Elshoutseweg overgaand in Polderweg overgaand in N267 tot aan Groeneweg.	23.11.2022

	9. Groeneweg volgen in noordelijke richting tot aan Nieuwstraat. 10. Nieuwstraat volgen in oostelijke richting tot aan Witboomstraat. 11. Witboomstraat volgen in noordelijke richting afgedamde maas overstekend Veerdam volgend tot aan Maasdijk. 12. Maasdijk volgen in noordelijke richting overgaand in Leendertsdijk overgaand in Meidijk overgaand in Waaldijk, de Waal overstekend tot aan Waaldijk. 13. Waaldijk volgen in oostelijke richting tot aan Katerdam. 14. Katerdam volgen in noordelijke richting tot aan Achterweg. 15. Achterweg volgen in oostelijke richting tot aan Zabdsteeg 16. Zandsteeg volgen in noordelijke richting tot aan Raayweg. 17. Raayweg volgen in oostelijke richting tot aan Zeek. 18. Zeek volgen in noordelijke richting tot aan Meikampgraaf. 19. Meikampgraaf volgen in oostelijke richting tot aan Marijkestraat. 20. Marijkestraat volgen in noordelijke richting tot aan A15. 21. A15 volgen in oostelijke richting tot aan Rijkstraatweg. 22. Rijkstraatweg volgen in zuidelijke richting tot aan Mark. 23. Mark volgen in oostelijke richting overgaand in Molenstraat overgaand in Esterweg tot aan Bommelsestraat. 24. Bommelsestraat volgen in oostelijke richting tot aan Paasweg. 25. Paasweg volgen in zuidelijke richting tot aan Achterstraat. 26. Achterstraat volgen in westelijke richting tot aan Kerkstraat. 27. Kerkstraat volgen in zuidelijke richting tot aan de Waal. 28. Waal volgen in westelijke richting tot aan kanaal van Sint Anthonis.	
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	29. Kanaal van Sint Anthonis volgen in zuidelijke richting de maas overstekend tot aan Wildsedijk. 30. Wildsedijk volgen in zuidelijke richting Burgermeester Smitsweg. 31. Burgermeester Smitsweg volgen in in zuidelijke richting tot aan Kesselseweg. 32. Kesselseweg volgen in zuidelijke richting tot aan Vreeweg. 33. Vreeweg volgen in westelijke richting tot aan Paddegraafweg. 34. Paddegraafweg volgen in zuidelijke richting tot aan Heeseindeweg. 35. Heeseindeweg volgen in westelijke richting tot aan Vliertwijksestraat. 36. Vliertwijksestraat volgen in zuidelijke richting tot aan A59. 37. A59 volgen in westelijke richting tot aan A2. 38. A2 volgen in zuidelijke richting overgaand in A65 tot aan Vughterweg. 39. Vughterweg volgen in noordelijke richting tot aan Heunweg. 40. Heunweg volgen in westelijke richting overgaand in Postweg tot aan Kampdijklaan. 41. Kampdijklaan volgen in noordelijke richting tot aan Drongelenskanaal. 42. Drongelenskanaal volgen in westelijke richting overgaand in afwateringskanaal `s-hertogenbosch-Drongelen tot aan Nieuwkuikseweg.	
	Those parts of the municipality Maasdriel contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.256 lat 51.77	15.11.2022 - 23.11.2022
<i>Hoogstraten Belgium</i>		
BE-HPAI(P)-2022-00009	1. Vanaf de grens Nederland België Wernhoutseweg volgend overgaand Molenstraat overgaand Bredaseweg overgaand N263 tot Risten. 2. Risten volgend tot Hogestraat. 3. Hogestraat volgend tot Kruispad. 4. Kruispad volgend tot Overasebaan. 5. Overasebaan volgend tot Scholbergstraat. 6. Scholbergstraat volgend tot de Berkte. 7. De Berkste volgend tot Nieuw-Ginnekebaan.	28.11.2022

	8. Nieuw-Ginnekebaan volgend tot A16. 9. A16 volgend tot A58. 10. A58 volgend tot N639. 11. N639 volgend tot Dassemussestraat. 12. Dassemussestraat volgend tot Heikantsestraat. 13. Heikantsestraat volgend tot Gilzeweg. 14. Gilzeweg volgend tot Huisdreef. 15. Huisdreef volgend tot Fransebaan. 16. Fransebaan volgend tot Chaamseweg. 17. Chaamseweg volgend tot Hooispoor. 18. Hooispoor volgend tot Kwaalbrug. 19. Kwaalbrug volgend tot N260. 20. N260 volgend tot Nijhoven. 21. Nijhoven volgend tot Kievit. 22. Kievit volgend tot grens Nederland België 23. Grens Nederland België volgend tot Wernhoutseweg	
	Those parts of the municipality Turnhout contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 4.77067 lat 51.436901	20.11.2022- 28.11.2022
<i>Municipality Deurne province Noord Brabant</i>		
NL-HPAI(P)- 2022-00082	1. via Roggelseweg naar Keup 2. via Keup naar Gruise Epper 3. via Gruise Epper naar Roggelseweg 4. via Roggelseweg naar Roggelsedijk 5. via Roggelsedijk naar Heldensedijk 6. via Heldensedijk naar Hoek 7. via Hoek naar Strubben 8. via Strubben naar Grote laak 9. via Grote Laak naar Strubben 10. via Strubben naar Aan De Bergen 11. via Aan De Bergen naar Spaansebaan 12. via Spaansebaan naar Maxeterdijk	27.11.2022

	13. via Maxeterdijk naar Heide 14. via Heide naar Reulisweg 15. via Reulisweg naar Banendijk 16. via Banendijk naar Leveroysedijk 17. via Leveroysedijk naar De Riet 18. Via De Riet naar Gebleektendijk 19. via Gebleektendijk naar Niesakkerweg 20. via Niesakkerweg naar Bochtstraat 21. via Bochtstraat naar Kreijelmusweg 22. via Kreijelmusweg naar Kreijel 23. via Kreijel naar Klaarstraat 24. via Klaarstraat naar Klaarstraatzijweg 25. via Klaarstraatzijweg naar Uliker 26. via Uliker naar Winnerstraat 27. via Winnerstraat naar Peelsteeg 28. via Peelsteeg naar Roberssteeg 29. via Roberssteeg naar Weteringsdijk 30. via Weteringsdijk naar Bloemerstraat 31. via Bloemerstraat naar Kievitdijk 32. via Kievitdijk naar Booldersdijk 33. via Booldersdijk naar Nederweertseweg 34. via Nederweertseweg naar Kerkendijk 35. via Kerkendijk naar Vissersweg 36. via Vissersweg naar Scheidingsweg 37. via Scheidingsweg naar Hubertusweg 38. via Hubertusweg naar Venweg 39. via Venweg naar Beliënberkdijk 40. via Beliënberkdijk naar Nieuwendijk 41. via Nieuwendijk naar Haagdoornweg 42. via Haagdoornweg naar Vlasstraat 43. via Vlasstraat naar Lavallestraat 44. via Lavallestraat naar Boerenkamplaan	
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	45. via Boerenkamplaan naar Burgemeester Roelslaan 46. via Burgemeester Roelslaan naar Witvrouwenbergweg 47. via Witvrouwenbergweg naar Provincialeweg 48. via Provincialeweg naar Heesakkerweg 49. via Heesakkerweg naar Beatrixlaan 50. via Beatrixlaan naar Heerbaan 51. via Heerbaan naar Schoolstraat 52. via Schoolstraat naar Molenstraat 53. via Molenstraat naar Industrielaan 54. via Industrielaan naar Ommelseweg 55. via Ommelseweg naar Marialaan 56. via Marialaan naar Kloosterstraat 57. via Kloosterstraat naar Ommelse bos 58. via Ommelse bos naar Busserdijk 59. via Busserdijk naar Berken 60. via Berken naar Eikhofweg 61. via Eikhofweg naar Donschotseweg 62. via Donschotseweg naar Molenweijerweg 63. via Molenweijerweg naar Heimolenweg 64. via Heimolenweg naar Vestingweg 65. via Vestingweg Naar Hoevenseweg 66. Via Hoevenseweg Naar Liesselseweg 67. Via Liesselseweg Naar Breemortelweg 68. Via Breemortelweg Naar Hanenbergweg 69. Via Hanenbergweg Naar Plaggenweg 70. Via Plaggenweg Naar Snoertsebaan 71. Via Snoertsebaan Naar Parallelweg 72. via Parallelweg naar Nastreek 73. via Nastreek naar Voorpeelweg 74. via Voorpeelweg naar Paardekopweg 75. via Paardekopweg naar Spoorbaan	
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	76. via Spoorbaan naar Midden Peelweg 77. via Midden Peelweg naar Griendtsveenseweg 78. via Griendtsveenseweg naar Veenweg 79. via Veenweg naar Jacob Poelsweg 80. via Jacob Poelsweg naar Schaapherdersweg 81. via Schaapherdersweg naar Zwarte Plakweg 82. via Zwarte Plakweg naar Bloemvenweg 83. via Bloemvenweg naar Zuringspeelweg 84. via Zuringspeelweg naar Kulbergweg 85. via Kulbergweg naar Kievitweg 86. via Kievitweg naar Blaktdijk 87. via Blaktdijk naar Peelstraat 88. via Peelstraat naar Kempkesstraat 89. via Kempkesstraat naar Meerweg 90. via Meerweg naar Kronenbergweg 91. via Kronenbergweg naar Bedelaarspad 92. via Bedelaarspad naar Helenaveenseweg 93. via Helenaveenseweg naar Op den Bergen 94. via Op den Bergen naar Gelderdijk 95. via Gelderdijk naar Kleefsedijk 96. via Kleefsedijk naar Rieterdijk 97. via Rieterdijk naar Breetse Peelweg 98. via Breetse Peelweg naar Tongerlo 99. via Tongerlo naar Onderste Horst 100. via Onderste Horst naar Breetse Peelweg 101. via Breetse Peelweg naar Sevenumse Dijk 102. via Sevenumse dijk naar Provincialeweg 103. via Provincialeweg naar rotonde Halfweg 104. via rotonde Halfweg naar Maasbreeseweg 105. via Maasbreeseweg naar rotonde Potdé 106. via rotonde Potdé naar Molenstraat 107. via Molenstraat naar Roggelseweg.	
	Those parts of the municipality Deurne contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.87, lat 51.37	19.11.2022- 27.11.2022

<i>Municipality Noardeast-Fryslân, province Friesland</i>		
NL-HPAI(P)- 2022-00083	1.	Via Koaiwei naar Koaisreed
	2.	Via Koaisreed naar Uterwei
	3.	Via Uterwei naar C.Schuurmanwei
	4.	Via C.Schuurmanwei naar It Noard
	5.	Via It Noard naar Pypkewei
	6.	Via Pypkewei naar Efterwei
	7.	Via Efterwei naar Legeloane
	8.	Via Legeloane naar It West
	9.	Via It West naar Hamsterpein
	10.	Via Hamsterpein naar De Kromelle
	11.	Via De Kromelle naar De Sânnen
	12.	Via De Sânnen naar De Buorren
	13.	Via De Buorren naar Tillewei
	14.	Via Tillewei naar Noarderein
	15.	Via Noarderein naar Lândyk
	16.	Via Lândyk naar Hege Dyk
	17.	Via Hege Dyk naar Jisteboerewei
	18.	Via Jisteboerewei naar Miedwei
	19.	Via Miedwei naar Tillewei
	20.	Via Tillewei naar De Meren
	21.	Via De Meren naar Schoolstraat
	22.	Via Schoolstraat naar Ieswei
	23.	Via Ieswei naar Rijksstraatweg
	24.	Via Rijksstraatweg naar Westersingel
	25.	Via Westersingel naar Zevenhuisterweg
	26.	Via Zevenhuisterweg naar De Swette
	27.	Via De Swette naar Feintensloane
	28.	Via Feintensloane naar Mûnestrijtte
	29.	Via Mûnestrijtte naar Ljiploane
	30.	Via Ljiploane naar Lysterstrjitte
	31.	Via Lysterstrjitte naar Haadstrjitte
	32.	Via Haadstrjitte naar Muontsewei
		30.11.2022

	33. Via Muontsewei naar Achterwei 34. Via Achterwei naar Claercamp 35. Via Claercamp naar Johanneswâld 36. Via Johanneswâld naar Eslawâld 37. Via Eslawâld naar Bûtefjild 38. Via Bûtefjild naar Boargemaster Nautawei 39. Via Boargemaster Nautawei naar Schwartzenbergloane 40. Via Schwartzenbergloane naar Singel 41. Via Singel naar Hearewei 42. Via Hearewei naar De Kapelle 43. Via De Kapelle naar Melkemawei 44. Via Melkemawei naar Trekwei 45. Via Trekwei naar Burdaarderstrjitwei 46. Via Burdaarderstrjitwei naar Birdaarderstraatweg 47. Via Birdaarderstraatweg naar Rondweg-West 48. Via Rondweg-West naar Rondweg-Noord 49. Via Rondweg-Noord naar Hantumerweg 50. Via Hantumerweg naar Hantumerwei 51. Via Hantumerwei naar Dokkumerwei 52. Via Dokkumerwei naar Fennewei 53. Via Fennewei naar Bangawei 54. Via Bangawei naar Loubuorren 55. Via Loubuorren naar Wierumerwei 56. Via Wierumerwei naar Dongerawei 57. Via Dongerawei naar Bollingwier 58. Via Bollingwier naar Dongerawei 59. Via Dongerawei naar De Lyts Ein 60. Via De Lyts Ein naar De Buorren 61. Via De Buorren naar Langgrousterwei 62. Via Langgrousterwei naar Grytsjewei 63. Via Grytsjewei naar Doarpsstrjitte	
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	64. Via Doarpsstrjitte naar Siniastrijtte 65. Via Siniastrijtte naar Dyksterwei 66. Via Dyksterwei naar Boltawei 67. Via Boltawei naar Skânserwei 68. Via Skânserwei naar Oostmahorn 69. Via Oostmahorn naar Landgrens 70. Via Landgrens naar Steek Door 71. Via Steek Door naar Oude Robbengat 72. Via Oude Robbengat naar Steek Door 73. Via Steek Door naar Landgrens 74. Via Landgrens naar Steek Door 75. Via Steek Door naar Hooze Zuidwal 76. Via Hooze Zuidwal naar Willem Van Der Ploegweg 77. Via Willem Van Der Ploegweg naar Kwelderweg 78. Via Kwelderweg naar Nittersweg 79. Via Nittersweg naar Olde Borchweg 80. Via Olde Borchweg naar Methardusstraat 81. Via Methardusstraat naar Zijlstraat 82. Via Zijlstraat naar Stroomkanaal naar De Friese Sluis Te Zoutkamp 83. Via Stroomkanaal naar De Friese Sluis Te Zoutkamp naar Brugstraat 84. Via Brugstraat naar Pieterzijlsterweg 85. Via Pieterzijlsterweg naar Friesestraatweg 86. Via Friesestraatweg naar Heirweg 87. Via Heirweg naar Stationsweg 88. Via Stationsweg naar Dorpsterweg 89. Via Dorpsterweg naar Miedweg 90. Via Miedweg naar Miedwei 91. Via Miedwei naar Koaiwei	
	Those parts of the municipality Noardeast-Fryslân contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 6.12 lat 53.3	22.11.2022 -30.11.2022

<i>Municipality Nederweert province Limburg</i>		
NL-HPAI(P)- 2022-00084	1.	via Heldensedijk naar Ophoven
	2.	via Ophoven naar Op de bos
	3.	via Op de bos naar Roggelseweg
	4.	via Roggelseweg naar Speckerweg
	5.	via Speckerweg naar Piet Vossenweg
	6.	via Piet Vossenweg naar Professor Duboisweg
	7.	via Professor Duboisweg naar Heythuysenweg
	8.	via Heythuysenweg naar Beekkant
	9.	via Beekkant naar Salmenhofweg
	10.	via Salmenhofweg naar Lozerweg
	11.	via Lozerweg naar Dorpstraat
	12.	via Dorpstraat naar Rijksweg
	13.	via Rijksweg naar Kasteelweg
	14.	via Kasteelweg naar Abenhofweg
	15.	via Abenhofweg naar Heiakker
	16.	via Heiakker naar Hunselerdijk
	17.	via Hunselerdijk naar Grathemerweg
	18.	via Grathemerweg naar Velterweg
	19.	via Velterweg naar Scheidingsweg
	20.	via Scheidingsweg naar Hoogstraat
	21.	via Hoogstraat naar Engerstraat
	22.	via Engerstraat naar Boggelerstraat
	23.	via Boggelerstraat naar Moosterstraat
	24.	via Moosterstraat naar Roodvenweg
	25.	via Roodvenweg naar Baldersstraat
	26.	via Baldersstraat naar Castertstraat
	27.	via Castertstraat naar Pelmersheideweg
	28.	via Pelmersheideweg naar Tungeler Dorpsstraat
	29.	via Tungeler Dorpsstraat naar Castertweg
	30.	via Castertweg naar Grotehegsteeg
	31.	via Grotehegsteeg naar Dijkerstraat
		1.12.2022

	32. via Dijkerstraat naar Bocholterweg 33. via Bocholterweg naar Mastenbroekweg 34. via Mastenbroekweg naar Altweerterkapelstraat 35. via Altweerterkapelstraat naar Nelissenhofweg 36. via Nelissenhofweg naar Uilenweg 37. via Uilenweg naar Industriekade 38. via Industriekade naar Beelenhofweg 39. via Beelenhofweg naar Oudesteeg 40. via Oudesteeg naar Beelenhofweg 41. via Beelenhofweg naar Koelebeemdweg 42. via Koelebeemdweg naar Hulsterdijk 43. via Hulsterdijk naar Groothulsterweg 44. via Groothulsterweg naar Eindhoveneweg 45. via Eindhoveneweg naar Philipsweg 46. via Philipsweg naar Fazantlaan 47. via Fazantlaan naar De Hommelberg 48. via De Hommelberg naar Koenraadweg 49. via Koenraadweg naar Hugten 50. via Hugten naar fietspad 51. via Fietspad naar Hugterweg 52. via Hugterweg naar Biezerveweg 53. via Biezerveweg naar Panweg 54. via Panweg naar Bosweg 55. via Bosweg naar Bergdijk 56. via Bergdijk naar Reigerstraat 57. via Reigerstraat naar Brandvenstraat 58. via Brandvenstraat naar Kraaiendijk 59. via Kraaiendijk naar Brabantlaan 60. via Brabantlaan naar Smulderslaan 61. via Smulderslaan naar Ploegstraat 62. via Ploegstraat naar Hoeksestraat 63. via Hoeksestraat naar Heikomstraat	
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	64. via Heikomstraat naar Boerenkamplaan 65. via Boerenkamplaan naar Potakkerweg 66. via Potakkerweg naar Broekstraat 67. via Broekstraat naar Steegstraat 68. via Steegstraat naar Kanaaldijk-Noord 69. via Kanaaldijk-Noord naar Akkerweg 70. via Akkerweg naar Lage Akkerweg 71. via Lage Akkerweg naar Mortelweg 72. via Mortelweg naar Beemdstraat 73. via Beemdstraat naar Kanaalstraat 74. via Kanaalstraat naar Witvrouwenbergweg 75. via Witvrouwenbergweg naar Provincialeweg 76. via Provincialeweg naar Heesakkerweg 77. via Heesakkerweg naar Voorste Heusden 78. via Voorste Heusden naar Vlinkert 79. via Vlinkert naar Patrijsweg 80. via Patrijsweg naar Pannenhoef 81. via Pannenhoef naar Bleekerweg 82. via Bleekerweg naar Zeilhoekweg 83. via Zeilhoekweg naar Smientweg 84. via Smientweg naar Roerdompweg 85. via Roerdompweg naar Vlosbergweg 86. via Vlosbergweg naar Kleine Heitrak 87. via Kleine Heitrak naar Buizerdweg 88. via Buizerdweg naar Heitrak 89. via Heitrak naar Bospeelweg 90. via Bospeelweg naar Grauwveenweg 91. via Grauwveenweg naar Kanaaldijk Oost 92. via Kanaaldijk Oost naar Kanaaldijk Noord 93. via Kanaaldijk Noord naar Helenastraat 94. via Helenastraat naar Grashoekseweg 95. via Grashoekseweg naar Helenaveenseweg 96. via Helenaveenseweg naar Belgenhoek	
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	97. via Belgenhoek naar Kievit 98. via Kievit naar Marisbaan 99. via Marisbaan naar Kievit 100. via Kievit naar Meijelseweg 101. via Meijelseweg naar Kanaalstraat 102. via Kanaalstraat naar Peelstraat 103. via Peelstraat naar Heibloemseweg 104. via Heibloemseweg naar Hondsheuvelstraat 105. via Hondsheuvelstraat naar Hub 106. via Hub naar Hoekerstraat 107. via Hoekerstraat naar Jacobusstraat 108. via Jacobusstraat naar Huiskensweg 109. via Huiskensweg naar Melkweg 110. via Melkweg naar Roggelseweg 111. via Roggelseweg naar Roggelsedijk 112. via Roggelsedijk naar Heldensedijk	
	Those parts of the municipality Nederweert contained within a circle of a radius of 3 kilometres, centered on WGS84 dec. coordinates long 5.81, lat 51.3	23.11.2022- 1.12.2022

Part C

Further restricted zones in the concerned Member States* as referred to in Articles 1 and 3a:

Member State: France

Area comprising:	Date until measures are to remain applicable in accordance with Article 3a
<i>Les communes suivantes dans le département: Ain (01)</i>	
AMBERIEUX EN DOMBES ASNIERES SUR SAONE BAGE DOMMARTIN BAGE LE CHATEL BOISSEY BOULIGNEUX BUELLAS CHALEINS CHANEINS CHAPELLE DU CHATELARD CHAVEYRIAT CHEVROUX CONDEISSIAT	18.11.2022

CONFRANCON CURTAFOND FAREINS FEILLENS FRANCHELEINS GENOUILLEUX GUEREINS LURCY MANZIAT MARSONNAS MESSIMY SUR SAONE MEZERIAT MONTCEAUX MONTCET MONTMERLE SUR SAONE MONTRACOL OZAN POLLIAT RELEVANT REPLONGES ROMANS SAINT ANDRE LE BOUCHOUX SAINT ANDRE SUR VIEUX JONC SAINT DIDIER D AUSSIAT SAINT GENIS SUR MENTHON SAINT GEORGES SUR RENON SAINT GERMAIN SUR RENON SAINT LAURENT SUR SAONE SAINT MARTIN LE CHATEL SAINT PAUL DE VARAX SAINT SULPICE SAINT TRIVIER SUR MOIGNANS SAINTE OLIVE SANDRANS VANDEINS VESINES VILLENEUVE	
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Les communes suivantes dans le département: Charente-Maritime (17)

ANDILLY CHARRON ESNANDES MARANS MARSILLY SAINT-JEAN-DE-LIVERSAY SAINT-OUEN-D'AUNIS VILLEDoux	30.11.2022
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Les communes suivantes dans le département: Dordogne (24)

BEAUPOUYET BELEVMAS BERGERAC (à l'est de la D936) BOURNIAC CAMPSEGRET COLOMBIER CONNE DE LABARDE COURS DE PILE	19.11.2022
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CREYSSE
 CUNEGES
 DOUVILLE
 EYRAUD-CREMPSE-MAURENS (à l'est de la D107)
 FLAUGEAC
 LE FLEIX
 FOUGUEYROLLES
 GAGEAC ET ROUILLAC
 ISSAC
 JAURE
 LAMONZIE MONTASTRUC
 LEMBRAS
 MESCOULES
 MONBAZILLAC
 MONESTIER
 MONFAUCON
 MONTAGNAC LA CREMPSE
 MOULEYDIER
 MUSSIDAN
 NASTRINGUES
 POMPORT
 PORT SAINTE FOY ET PONCHAPT
 QUEYSSAC
 RAZAC DE SAUSSIGNAC
 RIBAGNAC
 ROUFFIGNAC DE SIGOULES
 SAINT FRONT DE PRADOUX
 SAINT GEORGES DE MONTCLARD
 SAINT GERAUD DE CORPS
 SAINT GERMAIN ET MONS
 SAINT HILAIRE D'ESTISSAC
 SAINT JEAN D'ESTISSAC
 SAINT LAURENT DES HOMMES
 SAINT LAURENT DES VIGNES
 SAINT LOUIS EN L'ISLE
 SAINT MARTIAL D'ARTENSET
 SAINT MARTIN DES COMBES
 SAINT MARTIN L'ASTIER
 SAINT MEDARD DE GURSON
 SAINT MEDARD DE MUSSIDAN
 SAINT NEXANS
 SAINT REMY
 SAINT SAUVEUR
 SAINT SAUVEUR LALANDE
 SAINT SEVERIN D'ESTISSAC
 SAUSSIGNAC
 SIGOULES
 SINGLEYRAC
 SOURZAC
 THENAC
 VILLAMBLARD

Les communes suivantes dans le département: Gironde (33)

MARGUERON
 PINEUILH
 LA ROUILLE
 SAINT-ANDRE-ET-APPELLES
 SAINT-AVIT-SAINT-NAZAIRE
 SAINTE-FOY-LA-GRANDE
 SAINT-PHILIPPE-DU-SEIGNAL

19.11.2022

Les communes suivantes dans le département: Indre (36)

ANJOUIN
 ARGY
 BAGNEUX
 BRION
 CHABRIS
 LA CHAMPENOISE
 DUN-LE-POELIER
 FRANCILLON
 FREDILLE
 GEHEE
 GIROUX
 HEUGNES
 JEU-MALOCHE
 LANGE: Ouest du Nahon
 LEVROUX: Sud de la D8
 LIZERAY
 LUCAY-LE-LIBRE
 LUCAY-LE-MALE
 MENETOU-SUR-NAHON
 MENETREOLS-SOUS-VATAN
 MEUNET-SUR-VATAN
 MOULINS-SUR-CEPHONS: Sud de la D8
 ORVILLE: A l'est de la D25
 PAUDY
 PELLEVOISIN
 REBOURSIN
 SAINT-CHRISTOPHE-EN-BAZELLE
 SAINT-VALENTIN
 SELLES-SUR-NAHON
 SEMBLECAY
 SOUGE
 VALENCAY : Nord-Ouest du Nahon
 VAL-FOUZON
 VATAN
 VEUIL
 VICQ-SUR-NAHON : A l'ouest du Nahon
 VILLEGONGIS
 VINEUIL

3.12.2022

Les communes suivantes dans le département: Loiret (45)

AUXY
 BATILLY-EN-GÂTINAIS
 BEAUNE-LA-ROLANDE
 BOISCOMMUN
 BONNÉE
 BORDEAUX-EN-GÂTINAIS
 BRAY-SAINT AIGNAN
 CHAMBON-LA-FORÊT
 CHAPELON
 CHÂTEAUNEUF-SUR-LOIRE
 COMBREUX
 CORBEILLES
 CORQUILLEROY
 ÉGRY
 GAUBERTIN
 GERMIGNY-DES-PRÉS

26.11.2022

GONDREVILLE INGRANNES JURANVILLE LANGESSE LE MOULINET-SUR-SOLIN LES BORDES LOMBREUIL LORCY MIGNÈRES MIGNERETTE MONTBARROIS MONTEREAU MORMANT-SUR-VERNISSON MOULON NANCRAI-SUR-RIMARDE NIBELLE OUSSOY-EN-GÂTINAIS OUZOUER-DES-CHAMPS OUZOUER-SUR-LOIRE PANNES SAINT-BENOÎT-SUR-LOIRE SAINT-HILAIRE-SUR-PUISEAUX SAINT-LOUP-DES-VIGNES SAINT-MARTIN-D'ABBAT SAINT-MAURICE-SUR-FESSARD SAINT-MICHEL SAINT-PÈRE-SUR-LOIRE SEICHEBRIÈRES SOLTERRE VARENNES-CHANGY VILLEMANDEUR VILLEVOQUES VIMORY VITRY-AUX-LOGES	
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Les communes suivantes dans le département: Rhône (69)

ODENAS VAUXRENARD CHENAS CENVES JULLIE FLEURIE LANTIGNIE CHIROUBLES JULIENAS BELLEVILLE EN BEAUJOLAIS REGNIE-DURETTE LANCIE EMERINGES CORCELLES-EN-BEAUJOLAIS CHARENTAY TAPONAS CERCIE VILLIE-MORGON SAINT-LAGER DEUX-GROSNE SAINT-GEORGES-DE-RENEINS	18.11.2022
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Les communes suivantes dans le département: Saône-et-Loire (71)

BUSSIÈRES
CHARNAY LES MACON
CHASSELAS
CHEVAGNY LES CHEVRIÈRES
DAVAYE
FUISSE
HURIGNY
LA ROCHE VINEUSE
LAIZE
LEYNES
MACON
PRISSE
PRUZILLY
SAINT AMOUR BELLEVUE
SAINT MARTIN BELLE ROCHE
SAINT VERAND
SANCE
SERRIÈRES
SOLUTRE POUILLY
VERGISSON

18.11.2022

Les communes suivantes dans le département: Seine-et-Marne (77)

ANDREZEL
ARGENTIERES
AUBEPIERRE-OZOUER-LE-REPOS
AVON
BEAUVOIR
BERNAY-VILBERT
BLANDY
BOIS-LE-ROI
BOMBON
BREAU
CANNES-ECLUSE
CESSOY-EN-MONTOIS
CHAMPAGNE-SUR-SEINE
CHAMPDEUIL
CHAMPEAUX
LA CHAPELLE-GAUTHIER
LA CHAPELLE-IGER
LA CHAPELLE-RABLAIS
LA CHAPELLE-SAINT-SULPICE
CHARTRETTES
CHATEAUBLEAU
LE CHATELET-EN-BRIE
CHATENAY-SUR-SEINE
CHATILLON-LA-BORDE
CHATRES
CHAUMES-EN-BRIE
CHENOISE
CLOS-FONTAINE
COURCELLES-EN-BASSEE
COURPALAY
COURQUETAINE
COURTOMER
COUTENCON
CRISENOY
LA CROIX-EN-BRIE
CUCHARMOY
DONNEMARIE-DONTILLY

27.11.2022

ECHOUBOULAINS LES ECRENNES EGLIGNY ESMANS QUIERS FERICY FONTAINEBLEAU FONTAINE-LE-PORT FONTAINS FONTENAILLES FONTENAY-TRESIGNY FORGES FOUJU GASTINS LA GRANDE-PAROISSE GRANDPUITS-BAILLY-CARROIS GUIGNES GURCY-LE-CHATEL HERICY JOUY-LE-CHATEL LAVAL-EN-BRIE LIMOGES-FOURCHES LISSY LIVERDY-EN-BRIE LIVRY-SUR-SEINE LIZINES LUISETAINES LUMIGNY-NESLES-ORMEAUX MACHAULT MAINCY MAISON-ROUGE MARLES-EN-BRIE MAROLLES-SUR-SEINE MEIGNEUX MELUN MOISENAY MONS-EN-MONTOIS MONTEREAU-FAULT-YONNE MONTEREAU-SUR-LE-JARD MONTIGNY-LENCOU MORET-LOING-ET-ORVANNE MORMANT NANGIS OZOUER-LE-VOULGIS PAMFOU PECY LE PLESSIS-FEU-AUSSOUX THENISY RAMPILLON LA ROCHETTE ROZAY-EN-BRIE RUBELLES SAINT-GERMAIN-LAVAL SAINT-GERMAIN-LAXIS SAINT-JUST-EN-BRIE SAINT-LOUP-DE-NAUD SAINT-MAMMES SAINT-MERY SAINT-OUEN-EN-BRIE SALINS SAMOIS-SUR-SEINE	
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SAMOREAU SAVINS SIGY SIVRY-COURTRY SOGNOLLES-EN-MONTOIS SOIGNOLLES-EN-BRIE THOMERY LA TOMBE TOUQUIN VALENCE-EN-BRIE VANVILLE VARENNES-SUR-SEINE VAUDOY-EN-BRIE VAUX-LE-PENIL VERNEUIL-L'ETANG VERNOU-LA-CELLE-SUR-SEINE VIEUX-CHAMPAGNE VILLENEUVE-LES-BORDES VIMPELLES VOINSLES VOISENON VULAINES-LES-PROVINS VULAINES-SUR-SEINE YEBLES SOLERS	
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Les communes suivantes dans le département: Deux - Sevres (79)

L'ABSIE ALLONNE LE BEUGNON LA BOISSIERE-EN-GATINE CHAMPDENIERS-SAINT-DENIS LA CHAPELLE-SAINT-ETIENNE COULON COURS ECHIRE FAYE-SUR-ARDIN GERMOND-ROUVRE LES GROSEILLERS LARGEASSE MOUTIERS-SOUS-CHANTEMERLE NIORT PAMPLIE LE RETAIL SAINT-MARC-LA-LANDE SAINT-MAXIRE SAINTE-OUENNE SAINT-PAUL-EN-GATINE SAINT-REMY SCIECQ SCILLE SECONDIGNY SURIN TRAYES VERNOUX-EN-GATINE	18.11.2022
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Member State: Italy

Area comprising:	Date until measures are to remain applicable in accordance with Article 3a
<i>Region: Lombardia</i>	
— Municipality of Acquafredda (Brescia) — Municipality of Alfianello (Brescia) — Municipality of Bassano Bresciano (Brescia) — Municipality of Borgo San Giacomo (Brescia) — Municipality of Calvisano (Brescia) — Municipality of Carpenedolo (Brescia) — Municipality of Cigole (Brescia) — Municipality of Desenzano del Garda (Brescia) South of A4 — Municipality of Fiesse (Brescia) — Municipality of Gambara (Brescia) — Municipality of Ghedi (Brescia) — Municipality of Gottolengo (Brescia) — Municipality of Isorella (Brescia) — Municipality of Leno (Brescia) East of A21 — Municipality of Lonato del Garda (Brescia) South of A4 — Municipality of Manerbio (Brescia) — Municipality of Milzano (Brescia) — Municipality of Montichiari (Brescia) — Municipality of Offlaga (Brescia) — Municipality of Orzinuovi (Brescia) — Municipality of Pavone del Mella (Brescia) — Municipality of Pontevico (Brescia) — Municipality of Pozzolengo (Brescia) South of A4 — Municipality of Pralboino (Brescia) — Municipality of Quinzano d'Oglio (Brescia) — Municipality of Remedello (Brescia) — Municipality of San Gervasio Bresciano (Brescia) — Municipality of San Paolo (Brescia) — Municipality of Seniga (Brescia) — Municipality of Verolanuova (Brescia) — Municipality of Verolavecchia (Brescia) — Municipality of Villachiara (Brescia) — Municipality of Visano (Brescia) — Municipality of Annicco (Cremona) — Municipality of Azzanello (Cremona) — Municipality of Bordolano (Cremona) — Municipality of Casalbuttano ed Uniti (Cremona) — Municipality of Casalmorano (Cremona) — Municipality of Casterverde (Cremona) — Municipality of Castelviseconti (Cremona) — Municipality of Corte de' Cortesi con Cignone (Cremona) — Municipality of Corte de' Frati (Cremona) — Municipality of Genivolta (Cremona) — Municipality of Olmeneta (Cremona) — Municipality of Paderno Ponchielli (Cremona) — Municipality of Pozzaglio ed Uniti (Cremona) — Municipality of Robecco d'Oglio (Cremona) — Municipality of Soresina (Cremona) — Municipality of Acquanegra sul Chiese (Mantova) — Municipality of Asola (Mantova) — Municipality of Canneto sull'Oglio (Mantova) — Municipality of Casalmoro (Mantova)	30.11.2022

-
- Municipality of Casaloldo (Mantova)
 - Municipality of Casalromano (Mantova)
 - Municipality of Castel Goffredo (Mantova)
 - Municipality of Castelforte (Mantova)
 - Municipality of Castellucchio (Mantova) North of SP64 ex SS10
 - Municipality of Castiglione delle Stiviere (Mantova)
 - Municipality of Cavriana (Mantova)
 - Municipality of Ceresara (Mantova)
 - Municipality of Curtatone (Mantova) North of SP64 ex SS10
 - Municipality of Gazoldo degli Ippoliti (Mantova)
 - Municipality of Goito (Mantova)
 - Municipality of Guidizzolo (Mantova)
 - Municipality of Mantova (Mantova) North of SP64 ex SS10
 - Municipality of Marcaria (Mantova) North of SP64 ex SS10
 - Municipality of Mariana Mantovana (Mantova)
 - Municipality of Marmirolo (Mantova)
 - Municipality of Medole (Mantova)
 - Municipality of Monzambano (Mantova)
 - Municipality of Piubega (Mantova)
 - Municipality of Ponti sul Mincio (Mantova)
 - Municipality of Porto Mantovano (Mantova)
 - Municipality of Redondesco (Mantova)
 - Municipality of Rodigo (Mantova)
 - Municipality of Roverbella (Mantova)
 - Municipality of San Giorgio Bigarello (Mantova) North of SP64 ex SS10
 - Municipality of Solferino (Mantova)
 - Municipality of Volta Mantovana (Mantova)
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Region: Veneto

-
- Municipality of Arquà Petrarca (Padova)
 - Municipality of Baone (Padova)
 - Municipality of Barbona (Padova)
 - Municipality of Borgo Veneto (Padova)
 - Municipality of Carceri (Padova)
 - Municipality of Casale di Scodosia (Padova)
 - Municipality of Castelbaldo (Padova)
 - Municipality of Cervarese Santa Croce (Padova)
 - Municipality of Cinto Euganeo (Padova)
 - Municipality of Este (Padova)
 - Municipality of Galzignano Terme (Padova)
 - Municipality of Granze (Padova)
 - Municipality of Lozzo Atestino (Padova)
 - Municipality of Masi (Padova)
 - Municipality of Megliadino San Vitale (Padova)
 - Municipality of Merlara (Padova)
 - Municipality of Mestrino (Padova) South of A4
 - Municipality of Monselice (Padova) West of A13
 - Municipality of Montagnana (Padova)
 - Municipality of Ospedaletto Euganeo (Padova)
 - Municipality of Piacenza d'Adige (Padova)
 - Municipality of Ponso (Padova)
 - Municipality of Pozzonovo (Padova) West of A13
 - Municipality of Rovolon (Padova)
 - Municipality of Rubano (Padova) South of A4
 - Municipality of Saccolongo (Padova)
 - Municipality of Sant'Elena (Padova)
 - Municipality of Sant'Urbano (Padova)
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30.11.2022

-
- Municipality of Solesino (Padova) West of A13
 - Municipality of Stanghella (Padova) West of A13
 - Municipality of Teolo (Padova)
 - Municipality of Torreglia (Padova)
 - Municipality of Urbana (Padova)
 - Municipality of Veggiano (Padova)
 - Municipality of Vescovana (Padova) West of A13
 - Municipality of Vighizzolo d'Este (Padova)
 - Municipality of Villa Estense (Padova)
 - Municipality of Villafranca Padovana (Padova) South of A4
 - Municipality of Vo' (Padova)
 - Municipality of Albaredo d'Adige (Verona)
 - Municipality of Angiari (Verona)
 - Municipality of Arcole (Verona)
 - Municipality of Belfiore (Verona)
 - Municipality of Bevilacqua (Verona)
 - Municipality of Bonavigo (Verona)
 - Municipality of Boschi Sant'Anna (Verona)
 - Municipality of Bovolone (Verona)
 - Municipality of Buttapietra (Verona)
 - Municipality of Caldiero (Verona) South of A4
 - Municipality of Casaleone (Verona)
 - Municipality of Castagnaro (Verona)
 - Municipality of Castel d'Azzano (Verona)
 - Municipality of Castelnuovo del Garda (Verona) South of A4
 - Municipality of Cerea (Verona)
 - Municipality of Cologna Veneta (Verona)
 - Municipality of Colognola ai Colli (Verona) South of A4
 - Municipality of Concamarise (Verona)
 - Municipality of Erbe' (Verona)
 - Municipality of Gazzo Veronese (Verona)
 - Municipality of Isola della Scala (Verona)
 - Municipality of Isola Rizza (Verona)
 - Municipality of Lavagno (Verona) South of A4
 - Municipality of Legnago (Verona)
 - Municipality of Minerbe (Verona)
 - Municipality of Monteforte d'Alpone (Verona) South of A4
 - Municipality of Mozzecane (Verona)
 - Municipality of Nogara (Verona)
 - Municipality of Nogarole Rocca (Verona)
 - Municipality of Oppeano (Verona)
 - Municipality of Palù (Verona)
 - Municipality of Peschiera del Garda (Verona) South of A4
 - Municipality of Povegliano Veronese (Verona)
 - Municipality of Pressana (Verona)
 - Municipality of Ronco all'Adige (Verona)
 - Municipality of Roverchiara (Verona)
 - Municipality of Roveredo di Guà (Verona)
 - Municipality of Salizzole (Verona)
 - Municipality of San Bonifacio (Verona) South of A4
 - Municipality of San Giovanni Lupatoto (Verona) South of A4
 - Municipality of San Martino Buon Albergo (Verona) South of A4
 - Municipality of San Pietro di Morubio (Verona)
 - Municipality of Sanguinetto (Verona)
 - Municipality of Soave (Verona) South of A4
 - Municipality of Sommacampagna (Verona) South of A4
 - Municipality of Sona (Verona) South of A4
 - Municipality of Sorgà (Verona)
 - Municipality of Terrazzo (Verona)
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- | | |
|---|--|
| <ul style="list-style-type: none"> — Municipality of Trevenzuolo (Verona) — Municipality of Valeggio sul Mincio (Verona) — Municipality of Verona (Verona) South of A4 — Municipality of Veronella (Verona) — Municipality of Vigasio (Verona) — Municipality of Villa Bartolomea (Verona) — Municipality of Villafranca di Verona (Verona) — Municipality of Zevio (Verona) — Municipality of Zimella (Verona) — Municipality of Agugliaro (Vicenza) — Municipality of Albettoni (Vicenza) — Municipality of Alonte (Vicenza) — Municipality of Altavilla Vicentina (Vicenza) South of A4 — Municipality of Arcugnano (Vicenza) South of A4 — Municipality of Asigliano Veneto (Vicenza) — Municipality of Barbarano Mossano (Vicenza) — Municipality of Brendola (Vicenza) East of A4 — Municipality of Campiglia dei Berici (Vicenza) — Municipality of Castegnero (Vicenza) — Municipality of Gambellara (Vicenza) South of A4 — Municipality of Grisignano di Zocco (Vicenza) South of A4 — Municipality of Grumolo delle Abbadesse (Vicenza) South of A4 — Municipality of Longare (Vicenza) — Municipality of Lonigo (Vicenza) — Municipality of Montebello Vicentino (Vicenza) East of A4 — Municipality of Montecchio Maggiore (Vicenza) East of A4 — Municipality of Montegalda (Vicenza) — Municipality of Montegaldella (Vicenza) — Municipality of Nanto (Vicenza) — Municipality of Noventa Vicentina (Vicenza) — Municipality of Orgiano (Vicenza) — Municipality of Pojana Maggiore (Vicenza) — Municipality of Sarego (Vicenza) — Municipality of Sossano (Vicenza) — Municipality of Torri di Quartesolo (Vicenza) South of A4 — Municipality of Val Liona (Vicenza) — Municipality of Vicenza (Vicenza) South of A4 — Municipality of Villaga (Vicenza) — Municipality of Zovencedo (Vicenza) | |
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* In accordance with the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community, and in particular Article 5(4) of the Protocol on Ireland/Northern Ireland in conjunction with Annex 2 to that Protocol, for the purposes of this Annex, references to Member State include the United Kingdom in respect of Northern Ireland.'

DECISION (EU) 2022/2285 OF THE EUROPEAN CENTRAL BANK**of 8 November 2022****amending Decision (EU) 2021/2255 on the approval of the volume of coin issuance in 2022
(ECB/2021/54) (ECB/2022/41)**

THE EXECUTIVE BOARD OF THE EUROPEAN CENTRAL BANK,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 128(2) thereof,

Having regard to Decision (EU) 2015/2332 of the European Central Bank of 4 December 2015 on the procedural framework for the approval of the volume of euro coin issuance (ECB/2015/43) ⁽¹⁾, and in particular Article 3(7) thereof,

Whereas:

- (1) The European Central Bank (ECB) has the exclusive right since 1 January 1999 to approve the volume of coins issued by the Member States whose currency is the euro.
- (2) Based on the estimates of demand for euro coins in 2022 that the Member States whose currency is the euro submitted to the ECB, the ECB approved the total volume of euro coins intended for circulation and euro collector coins not intended for circulation in 2022 in Decision (EU) 2021/2255 of the European Central Bank (ECB/2021/54) ⁽²⁾.
- (3) Pursuant to Article 3 of Decision (EU) 2015/2332 (ECB/2015/43) Member States whose currency is the euro must notify the ECB if the actual demand for euro coins is likely to exceed the approved volume of coin issuance in a calendar year and, where the increased coin demands continues, must request ad hoc approval for an additional volume of coin issuance in that calendar year.
- (4) On 13 September 2022, the ECB received a request of Banco de España on behalf of Spain to increase the volume of euro coins that Spain may issue in 2022 by an additional volume of EUR 151,7 million, from EUR 189,8 million to EUR 341,5 million, in response to a marked increase of euro coin net issuance in Spain, as observed since August 2021. The increase has been driven by significantly higher gross issuance (especially of 1-euro coins) in combination with low levels of euro coins deposits with Banco de España. At the same time, a collector coin with a face value of EUR 40 will be issued in 2022 instead of the initially planned collector coin worth EUR 30 due to the rise in the price of silver. As a result, the volume of euro collector coins needs to be increased from EUR 30 million to EUR 40 million.
- (5) On 30 September 2022, the ECB received a request of Nationale Bank van België/Banque Nationale de Belgique on behalf of Belgium to increase the volume of euro coins that Belgium may issue in 2022 by an additional volume of EUR 5 million, from EUR 33 million to EUR 38 million. The reason for this increase is the changes in the national cash cycle leading to higher euro coin net issuance. The increase has been driven by a very low number of euro coins being returned to Nationale Bank van België/Banque Nationale de Belgique and the decrease in the cash demand foreseen by the Belgian authorities not materialising.
- (6) On 14 October 2022, the ECB received a request of Banca d'Italia on behalf of Italy to increase the volume of euro coins that Italy may issue in 2022 by an additional volume of EUR 45 million, from EUR 169 million to EUR 214 million, in response to a higher euro coin demand driven by a marked recovery of economic activities, significant increase in tourism and a higher level of inflation.
- (7) Pursuant to Article 3(7) of Decision (EU) 2015/2332 (ECB/2015/43) the Executive Board must adopt an individual decision on the ad hoc approval request, when no modification to the ad hoc request is required.

⁽¹⁾ OJ L 328, 12.12.2015, p. 123.

⁽²⁾ Decision (EU) 2021/2255 of the European Central Bank of 7 December 2021 on the approval of the volume of coin issuance in 2022 (ECB/2021/54) (OJ L 454, 17.12.2021, p. 19).

(8) Therefore, Decision (EU) 2021/2255 (ECB/2021/54) should be amended accordingly,

HAS ADOPTED THIS DECISION:

Article 1

Amendment

The table in Article 2 of Decision (EU) 2021/2255 (ECB/2021/54) is amended as follows:

(1) the row regarding Belgium is replaced by the following:

Belgium	37,00	1,00	38,00'
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(2) the row regarding Spain is replaced by the following:

Spain	301,50	40,00	341,50'
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(3) the row regarding Italy is replaced by the following:

Italy	211,26	2,74	214,00'
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Article 2

Taking effect

This Decision shall take effect on the day of its notification to the addressees.

Article 3

Addressees

This Decision is addressed to the Member States whose currency is the euro.

Done at Frankfurt am Main, 8 November 2022.

The President of the ECB
Christine LAGARDE

ACTS ADOPTED BY BODIES CREATED BY INTERNATIONAL AGREEMENTS

DECISION No 1/2022 OF THE EU-UKRAINE ASSOCIATION COMMITTEE IN TRADE CONFIGURATION

of 25 October 2022

as regards the update of Annex XV (Approximation of customs legislation) to the Association Agreement between the European Union and the European Atomic Energy Community and their Member States, of the one part, and Ukraine, of the other part [2022/2286]

THE EU-UKRAINE ASSOCIATION COMMITTEE IN TRADE CONFIGURATION,

Having regard to the Association Agreement between the European Union and the European Atomic Energy Community and their Member States, of the one part, and Ukraine, of the other part ⁽¹⁾, and in particular Article 465(3) and Article 84 thereof,

Whereas:

- (1) The Association Agreement between the European Union and the European Atomic Energy Community and their Member States, of the one part, and Ukraine, of the other part (the 'Agreement') was signed on 21 March and 27 June 2014 and entered into force on 1 September 2017.
- (2) By Decision No 3/2014 of the Association Council ⁽²⁾, the Association Council delegated to the Association Committee in Trade configuration the power to update Annex XV to the Agreement.
- (3) The Preamble of the Agreement affirms the Parties' desire to support the reform process in Ukraine by legislative approximation and thereby to contribute to further economic integration and the deepening of political association.
- (4) In accordance with Article 84 of the Agreement, Ukraine undertook a commitment to gradually approximate to the Union's customs legislation as set out in Annex XV (Approximation of customs legislation) to the Agreement.
- (5) Considering that the Union *acquis* listed in Annex XV (Approximation of customs legislation) to the Agreement substantially evolved since the conclusion of the negotiations on the Agreement, that evolution should be reflected in that Annex,

HAS ADOPTED THIS DECISION:

Article 1

Annex XV (Approximation of customs legislation) to the Association Agreement between the European Union and the European Atomic Energy Community and their Member States, of the one part, and Ukraine, of the other part, is replaced by the Annex to this Decision.

Article 2

This Decision has been established in Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Irish, Italian, Latvian, Lithuanian, Maltese, Polish, Portuguese, Romanian, Slovak, Slovenian, Spanish, Swedish and Ukrainian languages, each of them being equally authentic.

⁽¹⁾ OJ L 161, 29.5.2014, p. 3.

⁽²⁾ Decision No 3/2014 of the EU-Ukraine Association Council of 15 December 2014 on the delegation of certain powers by the Association Council to the Association Committee in Trade configuration [2015/980] (OJ L 158, 24.6.2015, p. 4).

Article 3

This Decision shall enter into force on the date of its adoption.

Done at Brussels, 25 October 2022.

For the EU-Ukraine Association Committee in Trade Configuration

The Chair
Taras KACHKA

The secretaries
Oleksandra NECHYPORENKO
Alberto FERNÁNDEZ-DÍEZ

ANNEX

'ANNEX XV TO CHAPTER 5

APPROXIMATION OF CUSTOMS LEGISLATION**Union Customs Code**

Regulation (EU) No 952/2013 of the European Parliament and of the Council of 9 October 2013 laying down the Union Customs Code

Timetable: the provisions of the abovementioned Regulation, with the exception of Articles 1, 2, 4 and 26, Articles 42(3), 46(3) and 46(5) to (7), Articles 49, 50 and 64 to 68, Article 88, point (c), Articles 112(2), second and third subparagraphs, and 114(1), second and third subparagraphs, Articles 136, 179 to 181 and 204, Article 206, point (b), Articles 208 to 209, 234 and 278 to 288, shall be incorporated into Ukrainian law within four years following the entry into force of this Agreement.

Approximation to Articles 5 to 8, 16, 17, 18 to 21, 52 to 55, 56, 57 and 77 to 87, Article 88, points (a) and (b), Articles 89 to 111, Article 112(1), (3) and (4), Article 112(2), first subparagraph, Article 113, Article 114(1), first subparagraph, Article 114(2), (3) and (4), Articles 115 to 126, 133 to 135, 137, 138 and 182 to 187, Article 203(3) and (4), Articles 205, 211 to 213, 218, 219, 222 to 225, 254, 255 and 261, 262, 263 to 276 and 277 of Regulation (EU) No 952/2013 shall take place on a best endeavours basis.

Common Transit and Single Administrative Document (SAD)

Convention of 20 May 1987 on the Simplification of Formalities in Trade in Goods

Convention of 20 May 1987 on a common transit procedure

Timetable: the provisions of the abovementioned Conventions, including through a possible accession to those Conventions by Ukraine, shall be incorporated into Ukrainian law within four years following the entry into force of this Agreement.

Reliefs from customs duty

Council Regulation (EC) No 1186/2009 of 16 November 2009 setting up a Community system of reliefs from customs duty

Timetable: Titles I and II of the abovementioned Regulation shall be incorporated into Ukrainian law not later than four years following the entry into force of this Agreement.

Intellectual property rights protection

Regulation (EU) No 608/2013 of the European Parliament and of the Council of 12 June 2013 concerning customs enforcement of intellectual property rights

Timetable: the provisions of the abovementioned Regulation, with the exception of Article 26, shall be incorporated into Ukrainian law within three years following the entry into force of this Agreement. The obligation of approximation to Regulation (EU) No 608/2013 in itself does not create any obligation on Ukraine to apply measures where a right in intellectual property is not protected under its substantive intellectual property laws and regulations.

Explanatory note:

For the purposes of this Annex, "approximation" should be understood to mean Ukraine's obligation to incorporate into Ukrainian law and continuously implement the relevant provisions of Union law in line with Article 84 of the Agreement.

For the purposes of this Annex, approximation on a "best endeavours basis" shall be understood to mean Ukraine's obligation to incorporate into Ukrainian law and continuously implement the relevant provisions of Union law to the maximum extent possible and wherever practicable, in order to reach the objectives set in Article 76 of the Agreement.'

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