



**COMMERZBANK**

**Disclosure Report as at 30 June**

**2024**

in accordance with the Capital Requirements Regulation (CRR)



**The bank at your side**

# Contents

|           |   |
|-----------|---|
| <b>3</b>  | <b>Introduction</b>   |
| <b>4</b>  | <b>Equity capital, capital requirement and RWA</b>                            |
| 4         | Key metrics   |
| 8         | Capital structure   |
| 13        | Connection between balance-sheet and regulatory positions                     |
| 15        | Capital requirement and RWA   |
| <b>20</b> | <b>Leverage ratio</b>   |
| <b>24</b> | <b>A. Credit risk</b>   |
| 24        | Credit risk mitigation  |
| 25        | Credit risk and credit risk mitigation in the SACR                            |
| 28        | Credit risk and credit risk mitigation in the IRBA                            |
| 37        | Loan loss provisions for default risks  |
| <b>44</b> | <b>B. Counterparty credit risk</b>  |
| 47        | Information by regulatory risk-weighting approach                             |
| <b>51</b> | <b>C. Securitisations</b>   |
| <b>56</b> | <b>D. Market risk</b>   |
| 57        | Quantitative information on market risks                                      |
| <b>60</b> | <b>E. Liquidity risk</b>  |
| <b>66</b> | <b>Appendix</b>   |
| 66        | Environmental, social and governance (ESG) risks pursuant to Article 449a CRR |
| 67        | List of abbreviations   |

Due to rounding, numbers and percentages presented throughout this report may not add up precisely to the totals provided.

# Introduction

## Objective of the Disclosure Report

In this report Commerzbank Aktiengesellschaft as the ultimate parent company of the regulated banking group is complying with the disclosure requirements of Articles 431 –455 of regulation (EU) 2019/876 (CRR II) of the European parliament and of the Council of 20 May 2019 amending the Regulation (EU) No. (CRR I)– as of 30 June 2024. The regulation is supplemented by the final draft implementing technical standards EBA EBA/ITS/2020/04 from 24 June 2020, which specify the tables integrated in the report. The names of the predefined tables are indicated by the table names provided with the prefix EU.

In accordance with Article 45i of Directive 2014/59/EU establishing a framework for the recovery and resolution of credit institutions and investment firms (BRRD) and §51 of the Act on the Recovery and Resolution of Institutions and Financial Groups (SAG), institutions must also publish information on own funds and eligible liabilities (MREL). The disclosure requirements follow the technical implementation standards in accordance with Implementing Regulation (EU) 2021/763 of 23.4.2021, as last amended by Implementing Regulation (EU) 2024/1618 of 6.6.2024.

## Scope

This Disclosure Report is based basically<sup>1</sup> on the group of companies consolidated for regulatory purposes. The companies consolidated for regulatory purposes only include those carrying out banking and other financial business. The consolidated group consists of a domestic parent company and its affiliated companies. The aim of regulatory consolidation is to prevent multiple use of capital that in fact exists only once by subsidiary companies in the financial sector. The companies consolidated under IFRS, by contrast, comprise all the companies controlled by the ultimate parent company.

Commerzbank is a large institution in accordance with Article 4 (1) No. 146 CRR, thus implementing the frequency requirements of Article 433a CRR.

A detailed description of Commerzbank Group is given in the Annual Report 2023.

<sup>1</sup> See the chapter "Minimum requirement for own funds and eligible liabilities (MREL)" for compliance with the MREL requirements at the level of the "Commerzbank resolution group"

# Equity capital, capital requirement and RWA

## Key metrics

In order to facilitate market participants' access to the most important equity and liquidity ratios of the institutions, Table KM1 with key parameters was introduced from June 2021.

The table shows the information required by Articles 447(a) to (g) and 438 (b) CRR. In particular, these include the available own funds, risk-weighted exposure amounts, capital ratios, combined capital buffers, leverage ratio and liquidity ratios, as well as some additional own funds requirements in order to obtain an overall overview of Commerzbank.

Common Equity Tier 1 capital amounted to €25.5bn as of the reporting date, compared with € 25.8bn as of 31 March 2024. The reduction in Common Equity Tier 1 capital resulted from higher regulatory capital deductions, which were mainly the result of the initial consolidation of Aquila Capital Investmentgesellschaft mbH.

The Common Equity Tier 1 ratio (net profit not included) was 14.8% at the reporting date, compared with 14.9% at 31 March 2024. The Tier 1 capital ratio was 16.6% at the reporting date, compared with 16.7% at the previous quarter.

The total capital ratio was 19.8% as of the reporting date and increased by 0.3 percentage points compared to the previous quarter. Own funds increased by €0.4bn compared to 31 March 2024 and amounted to €34.2bn as of 30 June 2024.

The additional own funds requirement for risks other than the risk of excessive leverage (P2R) remained unchanged at 2.25% of total capital, of which at least 1.27% is covered by Common Equity Tier 1 capital, compared with 31 March 2024.

The leverage ratio shows the ratio of Tier 1 capital to leverage ratio exposure, consisting of the non risk-weighted assets plus off-balance sheet positions. The way in which exposure to derivatives, securities financing transactions and off-balance sheet positions is calculated is laid down by regulators. As a non risk-sensitive figure

the leverage ratio is intended to supplement risk-based measures of capital adequacy.

The leverage ratio was 4,5% as of 30 June 2024. The decrease is due to higher leverage ratio exposure, which was mainly caused by increased balance sheet volume due to securities financing transactions (SFT) and increased derivatives.

At 141.9% (average of the last 12 month-end values), Commerzbank was well above the minimum 100% level required for the Liquidity Coverage Ratio (LCR). Commerzbank's liquidity situation as at the end of the quarter was therefore comfortable given its conservative and forward-looking funding strategy.

The Net Stable Funding Ratio (NSFR) as of 30 June 2024 underlines the solid funding position of Commerzbank Group. It reflects the customer-focused business model of Commerzbank Group with a high contribution to the available stable funding (ASF) from customer deposits. The main share of the required stable funding (RSF) results from the loan business, and the main share of the ASF results from customer deposits.

The NSFR declined to 130.3% in the second quarter of 2024, compared with 131.5% in the first quarter. This is due to the decline in wholesale funding, which is offset by increases in retail business (ASF) as well as loans and off-balance business (RSF).

Details of the issued capital instruments of Commerzbank Group according to Article 437 b) and c) CRR and using the EU CCA table in Annex VII of the Regulation of Implementation (EU) 2021/637 are given in Annex 6 of the disclosure report as of 31 December 2023 and on the Commerzbank website in the section debt holder information/capital instruments. Commerzbank Group is not required to disclose in accordance with Article 437a CRR (eligible liabilities).

Commerzbank has received regulatory approval to apply the transitional provisions to IFRS 9 in accordance with Article 473a CRR. However, these transitional provisions will not apply as of 30 June 2024.

## EU KM1 part1 : Key metrics

|  |  | a         | b         | c          | d         | e         |
|--|--|-----------|-----------|------------|-----------|-----------|
| Line   | €m   %   | 30.6.2024 | 31.3.2024 | 31.12.2023 | 30.9.2023 | 30.6.2023 |
| <b>Available own funds (amounts)</b>   |  |           |           |            |           |           |
| 1  | Common Equity Tier 1 (CET1) capital  | 25,520    | 25,769    | 25,720     | 25,369    | 25,116    |
| 2  | Tier 1 capital   | 28,735    | 28,981    | 28,926     | 28,585    | 28,336    |
| 3  | Total capital  | 34,171    | 33,782    | 33,859     | 33,369    | 33,093    |
| <b>Risk-weighted exposure amounts</b>  |  |           |           |            |           |           |
| 4  | Total risk-weighted exposure amount  | 172,887   | 173,081   | 175,114    | 173,626   | 173,977   |
| <b>Capital ratios (as a percentage of risk-weighted exposure amount)</b>   |  |           |           |            |           |           |
| 5  | Common Equity Tier 1 ratio (%)   | 14.76     | 14.89     | 14.69      | 14.61     | 14.44     |
| 6  | Tier 1 ratio (%)   | 16.62     | 16.74     | 16.52      | 16.46     | 16.29     |
| 7  | Total capital ratio (%)  | 19.77     | 19.52     | 19.34      | 19.22     | 19.02     |
| <b>Additional own funds requirements to address risks other than the risk of excessive leverage (as a percentage of risk-weighted exposure amount)</b> |  |           |           |            |           |           |
| EU 7a  | Additional own funds requirements to address risks other than the risk of excessive leverage (%)           | 2.25      | 2.25      | 2.00       | 2.00      | 2.00      |
| EU 7b  | of which: to be made up of CET1 capital (percentage points)  | 1.27      | 1.27      | 1.13       | 1.13      | 1.13      |
| EU 7c  | of which: to be made up of Tier 1 capital (percentage points)  | 1.69      | 1.69      | 1.50       | 1.50      | 1.50      |
| EU 7d  | Total SREP own funds requirements (%)  | 10.25     | 10.25     | 10.00      | 10.00     | 10.00     |
| <b>Combined buffer requirement (as a percentage of risk-weighted exposure amount)</b>  |  |           |           |            |           |           |
| 8  | Capital conservation buffer (%)  | 2.50      | 2.50      | 2.50       | 2.50      | 2.50      |
| EU 8a  | Conservation buffer due to macro-prudential or systemic risk identified at the level of a Member State (%) | -         | -         | -          | -         | -         |
| 9  | Institution specific countercyclical capital buffer (%)  | 0.67      | 0.66      | 0.64       | 0.63      | 0.58      |
| EU 9a  | Systemic risk buffer (%)   | 0.10      | 0.10      | 0.10       | 0.10      | 0.10      |
| 10   | Global Systemically Important Institution buffer (%)   | -         | -         | -          | -         | -         |
| EU 10a   | Other Systemically Important Institution buffer (%)  | 1.25      | 1.25      | 1.25       | 1.25      | 1.25      |
| 11   | Combined buffer requirement (%)  | 4.52      | 4.51      | 4.49       | 4.48      | 4.43      |
| EU 11a   | Overall capital requirements (%)   | 14.77     | 14.76     | 14.49      | 14.48     | 14.43     |
| 12   | CET1 available after meeting the total SREP own funds requirements (%)                                     | 8.93      | 9.06      | 9.02       | 8.96      | 8.79      |
| <b>Leverage ratio</b>  |  |           |           |            |           |           |
| 13   | Total exposure measure   | 641,499   | 630,827   | 592,257    | 585,843   | 580,420   |
| 14   | Leverage ratio (%)   | 4.48      | 4.59      | 4.88       | 4.88      | 4.88      |
| <b>Additional own funds requirements to address the risk of excessive leverage (as a percentage of total exposure measure)</b>                         |  |           |           |            |           |           |
| EU 14a   | Additional own funds requirements to address the risk of excessive leverage (%)                            | 0.10      | 0.10      | -          | -         | -         |
| EU 14b   | of which: to be made up of CET1 capital (percentage points)  | -         | -         | -          | -         | -         |
| EU 14c   | Total SREP leverage ratio requirements (%)   | 3.10      | 3.10      | 3.00       | 3.00      | 3.00      |
| <b>Leverage ratio buffer and overall leverage ratio requirement (as a percentage of total exposure measure)</b>  |  |           |           |            |           |           |
| EU 14d   | Leverage ratio buffer requirement (%)  | -         | -         | -          | -         | -         |
| EU 14e   | Overall leverage ratio requirements (%)  | 3.10      | 3.10      | 3.00       | 3.00      | 3.00      |

## EU KM1 part2 : Key metrics

| Line                            | €m   %   | a         | b         | c          | d         | e         |
|---------------------------------|--|-----------|-----------|------------|-----------|-----------|
|                                 |  | 30.6.2024 | 31.3.2024 | 31.12.2023 | 30.9.2023 | 30.6.2023 |
| <b>Liquidity Coverage Ratio</b> |  |           |           |            |           |           |
| 15                              | Total high-quality liquid assets (HQLA) (Weighted value - average) | 135,237   | 128,577   | 122,676    | 120,163   | 120,430   |
| EU 16a                          | Cash outflows - Total weighted value                               | 117,762   | 114,594   | 110,761    | 107,932   | 107,052   |
| EU 16b                          | Cash inflows - Total weighted value                                | 22,537    | 21,756    | 20,731     | 20,330    | 20,305    |
| 16                              | Total net cash outflows (adjusted value)                           | 95,225    | 92,838    | 90,030     | 87,602    | 86,748    |
| 17                              | Liquidity Coverage Ratio (%)                                       | 141.9     | 138.3     | 136.2      | 137.3     | 138.8     |
| <b>Net Stable Funding Ratio</b> |  |           |           |            |           |           |
| 18                              | Total available stable funding                                     | 352,668   | 350,311   | 340,083    | 327,819   | 323,369   |
| 19                              | Total required stable funding                                      | 270,657   | 266,422   | 261,246    | 258,070   | 257,865   |
| 20                              | NSFR ratio (%)   | 130.3     | 131.5     | 130.2      | 127.0     | 125.4     |

#### Minimum requirement for own funds and eligible liabilities (MREL)

For credit institutions established in the euro zone and issuers supervised under the Single Supervisory Mechanism (SSM), Regulation (EU) No 806/2014 provides for the consistent application of resolution rules throughout the euro zone under the responsibility of the Single Resolution Board (SRB). The banks concerned must also comply with a minimum requirement for own funds and eligible liabilities (MREL) set by the competent resolution authority for each institution and the group to which it belongs.

In May 2024, Commerzbank AG received its current decision on the definition of the MREL for the "Commerzbank resolution group", consisting of the

- i. Commerzbank AG as the resolution entity and
- ii. all other subsidiaries of the resolution entity except mBank S.A. and its subsidiaries.

The SRB has therefore decided for a resolution strategy with two separate resolution groups (Multiple Point of Entry or MPE) for the Commerzbank Group. Commerzbank must comply with the MREL exclusively for the Commerzbank resolution group.

Table EU KM2 shows the stock of own funds and eligible liabilities and the fulfillment of the MREL below:

## EU KM2: Key metrics – MREL

|  |  | a  |
|--|--|--|
|  |  | Minimum requirement<br>for own funds and<br>eligible liabilities<br>(MREL) |
|  |  | €m   |
|  |  | 30.6.2024  |
| <b>Own funds and eligible liabilities, ratios and components</b>         |  |  |
| 1  | Own funds and eligible liabilities   | 52,497   |
| EU-1a  | Of which own funds and subordinated liabilities  | 45,674   |
| 2  | Total risk exposure amount of the resolution group (TREA)  | 157,819  |
| 3  | Own funds and eligible liabilities as a percentage of the TREA   | 33.26%   |
| EU-3a  | Of which own funds and subordinated liabilities  | 28.94%   |
| 4  | Total exposure measure (TEM) of the resolution group   | 587,741  |
| 5  | Own funds and eligible liabilities as percentage of the TEM  | 8.93%  |
| EU-5a  | Of which own funds or subordinated liabilities   | 7.77%  |
| 6a   | Does the subordination exemption in Article 72b(4) of Regulation (EU) No 575/2013 apply? (5 % exemption)   |  |
| 6b   | Aggregate amount of permitted non-subordinated eligible liabilities instruments if the subordination discretion in accordance with Article 72b(3) of Regulation (EU) No 575/2013 is applied (max 3,5 % exemption)  |  |
| 6c   | If a capped subordination exemption applies in accordance with Article 72b (3) of Regulation (EU) No 575/2013, the amount of funding issued that ranks pari passu with excluded liabilities and that is recognised under row 1, divided by funding issued that ranks pari passu with excluded liabilities and that would be recognised under row 1 if no cap was applied (%) |  |
| <b>Minimum requirement for own funds and eligible liabilities (MREL)</b> |  |  |
| EU-7   | MREL expressed as a percentage of the TREA   | 23.44%   |
| EU-8   | Of which to be met with own funds or subordinated liabilities  | 18.07%   |
| EU-9   | MREL expressed as a percentage of the TEM  | 6.78%  |
| EU-10  | Of which to be met with own funds or subordinated liabilities  | 6.78%  |

In accordance with the SRB' requirements, the Commerzbank resolution entity fulfills its MREL with own funds at the level of the resolution group and with externally issued liabilities of Commerzbank AG. The own funds are therefore transformed from the Commerzbank Group to the Commerzbank resolution group.

The subordinated liabilities are recognized with their outstanding amount and consist of:

- Amounts of Tier 2 instruments with a residual maturity of one year or more that cannot be recognized as own funds under regulatory law and
- Non-preferred senior liabilities with a residual maturity of one year or more (non-preferred senior).

The total amount of eligible liabilities is derived from subordinated liabilities and other MREL eligible instruments with a residual maturity of one year or more (preferred senior unsecured instruments).

The total risk amount (TREA) and the total risk exposure measure (LRE) are transformed from the Commerzbank Group to the Commerzbank resolution group in accordance with the MPE resolution strategy.

In relation to TREA, Commerzbank is fulfilling its MREL of 23.44% at 33.26% as of 30 June 2024. The subordination requirement of 18.07% is met with 28.94%.

To determine the "maximum distributable amount related to the minimum requirement for own funds and eligible liabilities " (MMDA), Commerzbank must comply with the current combined buffer requirement (CBR) in relation to the Commerzbank resolution group in addition to the TREA-based requirements. As of 30 June 2024, this CBR is 4.61% of the TREA.

In relation to the LRE, Commerzbank is fulfilling its MREL of 6.78% at 8.93% as of 30 June 2024.

## Capital structure

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The evaluations in the tables below comprehensively illustrate the total own funds available for the entire Commerzbank Group. These own funds are also the basis for the calculation of the equity capital adequacy as reported to the Bundesbank.

Further information on the composition of Commerzbank's equity capital is provided in the 2023 Disclosure Report and in the notes to the 2023 Annual Report.

Table EU CC1 shows the composition of regulatory own funds and the capital ratios as defined in Article 437 a), d), e) and f) CRR and Annex VII of Regulation (EU) 2021/637 as of 30 June 2024:



## EU CC1: Composition of regulatory own funds

| Line<br>€m   |   | (a)<br>Amounts | (b) Source based on<br>reference<br>numbers/letters of<br>the balance sheet<br>under the regulatory<br>scope of<br>consolidation |
|--|---|----------------|--|
| <b>Common Equity Tier 1 capital: instruments and reserves</b>      |   |                |  |
| 1  | Capital instruments and the related share premium accounts  | 11,327         | j+k  |
| 1a   | of which: subscribed capital  | 1,185          | j  |
| 1b   | of which: share premium   | 10,143         | k  |
| 2  | Retained earnings   | 16,809         | l  |
| 3  | Accumulated other comprehensive income (and other reserves)   | -265           | n  |
| EU-3a  | Funds for general banking risk  | -              |  |
| 4  | Amount of qualifying items referred to in Article 484 (3) and the related share premium accounts subject to phase out from CET1   | -              |  |
| 5  | Minority interests (amount allowed in consolidated CET1)  | 598            | q  |
| EU-5a  | Independently reviewed interim profits net of any foreseeable charge or dividend  | 0              | m  |
| 6  | Common Equity Tier 1 (CET1) capital before regulatory adjustments   | 28,469         |  |
| <b>Common Equity Tier 1 (CET1) capital: regulatory adjustments</b> |   |                |  |
| 7  | Additional value adjustments (negative amount)  | -459           |  |
| 8  | Intangible assets (net of related tax liability) (negative amount)  | -766           | a+d  |
| 10   | Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability where the conditions in Article 38 (3) are met) (negative amount)  | -181           | c  |
| 11   | Fair value reserves related to gains or losses on cash flow hedges of financial instruments that are not valued at fair value   | 38             | o  |
| 12   | Negative amounts resulting from the calculation of expected loss amounts  | -352           |  |
| 13   | Any increase in equity that results from securitised assets (negative amount)   | -              |  |
| 14   | Gains or losses on liabilities valued at fair value resulting from changes in own credit standing   | 170            |  |
| 15   | Defined-benefit pension fund assets (negative amount)   | -572           | f+e  |
| 16   | Direct and indirect holdings by an institution of own CET1 instruments (negative amount)  | 0              |  |
| 17   | Direct, indirect and synthetic holdings of the CET 1 instruments of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)                        | -              |  |
| 18   | Direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount) | -              |  |
| 19   | Direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)           | -              |  |
| EU-20a   | Exposure amount of the following items which qualify for a RW of 1250%, where the institution opts for the deduction alternative  | -93            |  |
| EU-20b   | of which: qualifying holdings outside the financial sector (negative amount)  | -              |  |
| EU-20c   | of which: securitisation positions (negative amount)  | -93            |  |
| EU-20d   | of which: free deliveries (negative amount)   | -              |  |

| Line<br>€m   |   | (a)<br>Amounts | (b) Source based on<br>reference<br>numbers/letters of<br>the balance sheet<br>under the regulatory<br>scope of<br>consolidation |
|--|---|----------------|--|
| 21   | Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability where the conditions in Article 38 (3) are met) (negative amount)  | –              | b  |
| 22   | Amount exceeding the 17.65% threshold (negative amount)   | –              |  |
| 23   | of which: direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities  | –              |  |
| 25   | of which: deferred tax assets arising from temporary differences  | –              |  |
| EU-25a   | Losses for the current financial year (negative amount)   | –              | m  |
| EU-25b   | Foreseeable tax charges relating to CET1 items except where the institution suitably adjusts the amount of CET1 items insofar as such tax charges reduce the amount up to which those items may be used to cover risks or losses (negative amount)            | –              |  |
| 27   | Qualifying AT1 deductions that exceed the AT1 items of the institution (negative amount)  | –              |  |
| 27a  | Other regulatory adjustments  | –733           |  |
| 28   | Total regulatory adjustments to Common Equity Tier 1 (CET1)   | –2,949         |  |
| 29   | Common Equity Tier 1 (CET1) capital   | 25,520         |  |
| <b>Additional Tier 1 (AT1) capital: instruments</b>            |   |                |  |
| 30   | Capital instruments and the related share premium accounts  | 3,114          | p  |
| 31   | of which: classified as equity under applicable accounting standards  | 3,114          | p  |
| 32   | of which: classified as liabilities under applicable accounting standards   | –              |  |
| 33   | Amount of qualifying items referred to in Article 484 (4) CRR and the related share premium accounts subject to phase out from AT1  | –              |  |
| EU-33a   | Amount of qualifying items referred to in Article 494a(1) subject to phase out from AT1   | –              |  |
| EU-33b   | Amount of qualifying items referred to in Article 494b(1) subject to phase out from AT1   | –              |  |
| 34   | Qualifying Tier 1 capital included in consolidated AT1 capital (including minority interests not included in row 5) issued by subsidiaries and held by third parties  | 101            |  |
| 35   | of which: instruments issued by subsidiaries subject to phase out   | –              |  |
| 36   | Additional Tier 1 (AT1) capital before regulatory adjustments   | 3,215          |  |
| <b>Additional Tier 1 (AT1) capital: regulatory adjustments</b> |   |                |  |
| 37   | Direct and indirect holdings by an institution of own AT1 instruments (negative amount)   | –              |  |
| 38   | Direct, indirect and synthetic holdings of the AT1 instruments of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)      | –              |  |
| 39   | Direct, indirect and synthetic holdings of the AT1 instruments of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount) | –              |  |
| 40   | Direct, indirect and synthetic holdings by the institution of the AT1 instruments of financial sector entities where the institution has a significant investment in those entities (net of eligible short positions) (negative amount)                       | –              |  |
| 42   | Qualifying T2 deductions that exceed the T2 items of the institution (negative amount)  | –              |  |
| 42a  | Other regulatory adjustments to AT1 capital   | –              |  |
| 43   | Total regulatory adjustments to Additional Tier 1 (AT1) capital   | –              |  |
| 44   | Additional Tier 1 (AT1) capital   | 3,215          |  |
| 45   | Tier 1 capital (T1 = CET1 + AT1)  | 28,735         |  |

| Line<br>€m   |  | (a)<br>Amounts | (b) Source based on<br>reference<br>numbers/letters of<br>the balance sheet<br>under the regulatory<br>scope of<br>consolidation |
|--|--|----------------|--|
| <b>Tier 2 (T2) capital: instruments</b>                      |  |                |  |
| 46   | Capital instruments and the related share premium accounts   | 5,184          | g+i  |
| 47   | Amount of qualifying items referred to in Article 484 (5) and the related share premium accounts subject to phase out from T2 as described in Article 486 (4) CRR  | –              |  |
| EU-47a   | Amount of qualifying items referred to in Article 494a (2) subject to phase out from T2  | –              |  |
| EU-47b   | Amount of qualifying items referred to in Article 494b (2) subject to phase out from T2  | 22             | h  |
| 48   | Qualifying own funds instruments included in consolidated T2 capital (including minority interests and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties  | 177            |  |
| 49   | of which: instruments issued by subsidiaries subject to phase out  | –              |  |
| 50   | Credit risk adjustments  | 83             |  |
| 51   | Tier 2 (T2) capital before regulatory adjustments  | 5,466          |  |
| <b>Tier 2 (T2) capital: regulatory adjustments</b>           |  |                |  |
| 52   | Direct and indirect holdings by an institution of own T2 instruments and subordinated loans (negative amount)  | –30            |  |
| 53   | Direct, indirect and synthetic holdings of the T2 instruments and subordinated loans of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount) | –              |  |
| 54   | Direct and indirect holdings of the T2 instruments and subordinated loans of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)       | –              |  |
| 55   | Direct and indirect holdings by the institution of the T2 instruments and subordinated loans of financial sector entities where the institution has a significant investment in those entities (net of eligible short positions) (negative amount)                             | –              |  |
| EU-56a   | Qualifying eligible liabilities deductions that exceed the eligible liabilities items of the institution (negative amount)   | –              |  |
| EU-56b   | Other regulatory adjustments to T2 capital   | –              |  |
| 57   | Total regulatory adjustments to Tier 2 (T2) capital  | –30            |  |
| 58   | Tier 2 (T2) capital  | 5,436          |  |
| 59   | Total capital (TC = T1 + T2)   | 34,171         |  |
| 60   | Total risk exposure amount   | 172,887        |  |
| <b>Capital ratios and requirements including buffers (%)</b> |  |                |  |
| 61   | Common Equity Tier 1   | 14.76          |  |
| 62   | Tier 1   | 16.62          |  |
| 63   | Total capital  | 19.77          |  |
| 64   | Institution CET1 overall capital requirements  | 10.28          |  |
| 65   | of which: capital conservation buffer requirement  | 2.50           |  |
| 66   | of which: countercyclical capital buffer requirement   | 0.67           |  |
| 67   | of which: systemic risk buffer requirement   | 0.10           |  |
| EU-67a   | of which: Global Systemically Important Institution (G-SII) or Other Systemically Important Institution (O-SII) buffer requirement   | 1.25           |  |
| EU-67b   | of which: additional own funds requirements to address the risks other than the risk of excessive leverage   | 1.27           |  |
| 68   | Common Equity Tier 1 capital (as a percentage of risk exposure amount) available after meeting the minimum capital requirements  | 8.93           |  |

| Line<br>€m   |   | (a)<br>Amounts | (b) Source based on<br>reference<br>numbers/letters of<br>the balance sheet<br>under the regulatory<br>scope of<br>consolidation |
|--|---|----------------|--|
| <b>Amounts below the thresholds for deduction (before risk weighting)</b>  |   |                |  |
| 72   | Direct and indirect holdings of own funds and eligible liabilities of financial sector entities where the institution does not have a significant investment in those entities (amount below 10% threshold and net of eligible short positions) | 258            |  |
| 73   | Direct and indirect holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities (amount below 17.65% thresholds and net of eligible short positions)  | 194            |  |
| 75   | Deferred tax assets arising from temporary differences (amount below 17.65% threshold, net of related tax liability where the conditions in Article 38 (3) are met)   | 2,014          |  |
| <b>Applicable caps on the inclusion of provisions in Tier 2</b>  |   |                |  |
| 76   | Credit risk adjustments included in T2 in respect of exposures subject to standardised approach (prior to the application of the cap)   | –              |  |
| 77   | Cap on inclusion of credit risk adjustments in T2 under standardised approach   | 420            |  |
| 78   | Credit risk adjustments included in T2 in respect of exposures subject to internal ratings-based approach (prior to the application of the cap)   | 83             |  |
| 79   | Cap for inclusion of credit risk adjustments in T2 under internal ratings-based approach  | 623            |  |
| <b>Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2014 and 1 Jan 2022)</b> |   |                |  |
| 80   | Current cap on CET1 instruments subject to phase out arrangements   | –              |  |
| 81   | Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)   | –              |  |
| 82   | Current cap on AT1 instruments subject to phase out arrangements  | –              |  |
| 83   | Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)  | –              |  |
| 84   | Current cap on T2 instruments subject to phase out arrangements   | –              |  |
| 85   | Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)   | –              |  |

## Connection between balance-sheet and regulatory positions

For Commerzbank as a banking group as defined in section 10a KWG and Article 11 CRR the capital relevant to the determination of regulatory capital is based on the consolidated financial statements under FINREP which is prepared based on the Group balance sheet according to IFRS. To reconcile the requirements for regulatory capital with the slightly different amounts reported in the financial statements, capital as determined under IFRS was adjusted with the aid of so-called prudential filters.

In accordance with Article 437 a) CRR and the Implementing Regulation (EU) 2021/637, Table EU CC2 shows a comparison of the published balance sheet (column a) with the carrying amounts

under the regulatory scope of consolidation (column b) and a reference (column c) of the balance sheet items to regulatory own funds shown in Table EU CC1 as of 30 June 2024. In Table EU CC2, only the elements of the balance sheet have been extended to the level of detail required for the derivation of supervisory own funds (reporting form EU CC1).

As of June 30, 2024, there is in total a difference of €17,498m between the carrying values according to the group of consolidated companies reported in the balance sheet and the carrying values according to the regulatory group of consolidated companies. This difference results from the different scopes of consolidation and consolidation methods for accounting and regulatory purposes. The companies where the consolidation methods for accounting and regulatory purposes differ are listed entity by entity in table EU LI3 in the Disclosure Report 2023.

### EU CC2: Reconciliation of regulatory own funds to balance sheet in the audited financial statements

| €m            |   | a  | b  | c         |
|---------------|---|--|--|-----------|
|               |   | As reported in published financial statements<br>30.6.2024 | Under the regulatory scope of consolidation<br>30.6.2024 | Reference |
| <b>Assets</b> |   |  |  |           |
| 1             | Cash on hand and cash on demand   | 104,092  | 104,013  |           |
| 2             | Financial assets - Amortised Cost   | 308,842  | 326,459  |           |
| 3             | Financial assets - Fair Value OCI   | 46,926   | 46,926   |           |
| 4             | Financial Assets - Fair Value Option  | -  | -  |           |
| 5             | Financial Assets - Mandatorily Fair Value P&L                                       | 61,953   | 61,910   |           |
| 6             | Financial Assets - Held for Trading   | 29,931   | 30,173   |           |
| 7             | Value adjustment on portfolio fair value hedges                                     | -2,562   | -2,562   |           |
| 8             | Positive fair values of derivative hedging instruments                              | 1,460  | 1,460  |           |
| 9             | Holdings in companies accounted for using the equity method                         | 172  | 136  |           |
| 10            | Intangible assets   | 1,686  | 1,684  | a         |
| 11            | Fixed assets  | 2,283  | 2,278  |           |
| 12            | Investment properties   | 226  | 62   |           |
| 13            | Non-current assets held for sale and disposal groups                                | 62   | 62   |           |
| 14            | Current tax assets  | 159  | 159  |           |
| 15            | Deferred tax assets   | 2,083  | 2,103  |           |
| 16            | of which: deferred tax assets arising from temporary differences                    | 1,994  | 2,014  | b         |
| 17            | of which: deferred tax assets do not arise from temporary differences               | 181  | 181  | c         |
| 18            | of which: deferred tax liabilities arising from intangible assets                   | -147   | -147   | d         |
| 19            | of which: deferred tax liabilities arising from defined benefit pension fund assets | -86  | -86  | e         |
| 20            | Other assets  | 2,774  | 2,722  |           |
| 21            | of which: Asset surplus of pension plan assets                                      | 658  | 658  | f         |
| 22            | <b>Total assets</b>   | <b>560,087</b>   | <b>577,585</b>   |           |

## EU CC2\_part2: Reconciliation of regulatory own funds to balance sheet in the audited financial statements

| €m                 |   | a  | b   | c         |
|--------------------|---|--|---|-----------|
|                    |   | As reported in<br>published<br>financial<br>statements | Under the<br>regulatory scope<br>of consolidation | Reference |
|                    |   | 30.6.2024  | 30.6.2024   |           |
| <b>Liabilities</b> |   |  |   |           |
| 23                 | Financial Liabilities - Amortised Cost  | 438,031  | 438,632   |           |
| 24                 | of which: eligible Tier 2 issuances   | 3,213  | 3,213   | g         |
| 25                 | of which: eligible AT1 and Tier 2 issuances subject to<br>transitional provisions | 62   | 62  | h         |
| 26                 | Financial Liabilities - Fair Value Option   | 62,167   | 62,167  |           |
| 27                 | of which: eligible Tier 2 issuances   | 3,384  | 3,384   | i         |
| 28                 | Financial Liabilities - Held for Trading  | 17,521   | 17,521  |           |
| 29                 | Value adjustment on portfolio fair value hedges                                   | -3,095   | -3,095  |           |
| 30                 | Negative fair values of derivative hedging instruments                            | 2,324  | 2,324   |           |
| 31                 | Provisions  | 3,553  | 3,550   |           |
| 32                 | Current tax liabilities   | 527  | 527   |           |
| 33                 | Deferred tax liabilities  | 46   | 44  |           |
| 34                 | Liabilities of disposal groups  | -  | -   |           |
| 35                 | Other liabilities   | 5,621  | 22,533  |           |
| <b>36</b>          | <b>Total liabilities</b>  | <b>526,694</b>   | <b>544,202</b>                                    |           |
| 37                 | Subscribed capital  | 1,185  | 1,185   | j         |
| 38                 | Capital reserve   | 10,143   | 10,143  | k         |
| 39                 | Retained earnings   | 16,805   | 16,798  | l         |
| 40                 | Distributable profit/loss from current year                                       | 1,285  | 1,285   | m         |
| 41                 | Accumulated other comprehensive income (and other reserves)                       | -262   | -254  | n         |
| 42                 | thereof Valuation of cash flow hedges   | -38  | -38   | o         |
| 43                 | Additional equity components  | 3,114  | 3,114   |           |
| 44                 | thereof eligible AT1 issues   | 3,114  | 3,114   | p         |
| 45                 | Non-controlling interests   | 1,123  | 1,113   | q         |
| <b>46</b>          | <b>Total Equity</b>   | <b>33,393</b>  | <b>33,383</b>                                     |           |
| <b>47</b>          | <b>Total liabilities</b>  | <b>560,087</b>   | <b>577,585</b>                                    |           |

## Capital requirement and RWA

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The capital requirements set out below relate to the Commerzbank Group and the figures are the same with regard to content as in the capital adequacy reports submitted to the Deutsche Bundesbank under Basel 3 Pillar 1.

The countercyclical capital buffer (CCyB) is part of a set of macroprudential instruments, designed to help counteract procyclicality of the financial system. Capital should be accumulated when cyclical systemic risk is considered to be rising, creating buffers that increase the resilience of the banking sector during periods of stress when losses materialise. This will help maintain the credit supply and dampen the downturn of the financial cycle. The CCyB can also help dampen excessive credit growth during the upswing of the financial cycle.

Table EU CCyB1 shows the geographical distribution of the exposures relevant for the calculation of the countercyclical buffer, as defined in Article 440 a) CRR as of 30 June 2024. The credit risk, market risk and securitisations are highlighted separately.

The countries listed below cover more than 99% of Commerzbank's own funds requirements. The further breakdown of the countries listed under line 031 "Other" is omitted for reasons of materiality.

## EU CCyB1: Geographical distribution of credit exposures relevant for the calculation of the countercyclical buffer

| Line | Countries<br>€m   | a  |                                       | b  |   | c  |         | d                    | e  | f                                       | g  |                                |                                       | h                                | i | j | k | l | m |
|------|---|--|---------------------------------------|--|---|--|---------|----------------------|--|---|--|--------------------------------|---------------------------------------|----------------------------------|---|---|---|---|---|
|      |   | General credit exposures                       |                                       | Relevant credit exposures – Market risk                          |   | Securitisation exposures – Exposure value for non-trading book |         | Total exposure value | Own fund requirements                        |   |  | Risk-weighted exposure amounts | Own funds requirements weights (in %) | Counter-cyclical buffer rate (%) |   |   |   |   |   |
|      |   | Exposure value under the standardised approach | Exposure value under the IRB approach | Sum of long and short positions of trading book exposures for SA | Value of trading book exposures for internal models |  |         |                      | Relevant credit risk exposures – Credit risk | Relevant credit exposures – Market risk | Relevant credit exposures – Securitisation positions in the non-trading book | Total                          |                                       |                                  |   |   |   |   |   |
| 001  | DE (Germany)  | 21,529   | 199,892                               | –  | 32  | 12,138   | 233,591 | 5,561                | 20   | 129                                     | 5,711  | 71,386                         | 57.6                                  | 0.75                             |   |   |   |   |   |
| 002  | PL (Poland)   | 5,462  | 22,922                                | –  | –   | 3,849  | 32,232  | 1,222                | –  | 58                                      | 1,280  | 15,995                         | 12.9                                  | –                                |   |   |   |   |   |
| 003  | US (United States of America)                             | 1,278  | 12,508                                | –  | 257   | 4,516  | 18,559  | 498                  | 13   | 95                                      | 605  | 7,566                          | 6.1                                   | –                                |   |   |   |   |   |
| 004  | GB (United Kingdom of Great Britain and Northern Ireland) | 7,450  | 5,364                                 | –  | 42  | 1,432  | 14,288  | 441                  | 16   | 24                                      | 480  | 6,003                          | 4.8                                   | 2.0                              |   |   |   |   |   |
| 005  | FR (France)   | 328  | 5,356                                 | –  | 55  | 4,425  | 10,163  | 220                  | 16   | 68                                      | 304  | 3,800                          | 3.1                                   | 1.0                              |   |   |   |   |   |
| 006  | NL (Netherlands)  | 558  | 4,270                                 | –  | 10  | 767  | 5,605   | 212                  | 16   | 11                                      | 238  | 2,981                          | 2.4                                   | 2.0                              |   |   |   |   |   |
| 007  | LU (Luxembourg)   | 1,712  | 2,886                                 | –  | 9   | 99   | 4,706   | 198                  | 0  | 2                                       | 200  | 2,499                          | 2.0                                   | 0.5                              |   |   |   |   |   |
| 008  | CH (Switzerland)  | 440  | 4,370                                 | –  | 64  | 14   | 4,888   | 155                  | 21   | 0                                       | 176  | 2,203                          | 1.8                                   | –                                |   |   |   |   |   |
| 009  | CZ (Czechia)  | 1,464  | 1,174                                 | –  | –   | –  | 2,639   | 106                  | –  | –                                       | 106  | 1,322                          | 1.1                                   | 1.8                              |   |   |   |   |   |
| 010  | AT (Austria)  | 254  | 2,545                                 | –  | 4   | 125  | 2,928   | 102                  | 0  | 1                                       | 103  | 1,287                          | 1.0                                   | –                                |   |   |   |   |   |
| 011  | IT (Italy)  | 94   | 1,527                                 | –  | 6   | 218  | 1,845   | 69                   | 15   | 11                                      | 95   | 1,190                          | 1.0                                   | –                                |   |   |   |   |   |
| 012  | ES (Spain)  | 17   | 2,034                                 | –  | 18  | –  | 2,069   | 70                   | 1  | –                                       | 71   | 886                            | 0.7                                   | –                                |   |   |   |   |   |
| 013  | KY (Cayman Islands)                                       | 607  | 76                                    | –  | 0   | –  | 682     | 51                   | 0  | –                                       | 51   | 636                            | 0.5                                   | –                                |   |   |   |   |   |
| 014  | BE (Belgium)  | 127  | 1,048                                 | –  | 9   | 185  | 1,368   | 46                   | 0  | 1                                       | 48   | 598                            | 0.5                                   | 0.5                              |   |   |   |   |   |
| 015  | HK (Hong Kong)  | 5  | 581                                   | –  | 22  | –  | 608     | 38                   | 1  | –                                       | 39   | 482                            | 0.4                                   | 1.0                              |   |   |   |   |   |
| 016  | SE (Sweden)   | 82   | 982                                   | –  | 11  | –  | 1,076   | 35                   | 0  | –                                       | 35   | 438                            | 0.4                                   | 2.0                              |   |   |   |   |   |
| 017  | IE (Ireland)  | 177  | 633                                   | –  | 4   | 0  | 814     | 32                   | 0  | –                                       | 33   | 406                            | 0.3                                   | 1.5                              |   |   |   |   |   |
| 018  | SK (Slovakia)   | 680  | 69                                    | –  | –   | –  | 748     | 31                   | –  | –                                       | 31   | 382                            | 0.3                                   | 1.5                              |   |   |   |   |   |



## CCyB1\_part2: Geographical distribution of credit exposures relevant for the calculation of the countercyclical buffer

| Line       | Countries<br>€m         | a  |                                       | b  |   | c  |                | d  | e                                       | f  | g            |                                |                                       | h                                | i | j | k | l | m |
|------------|-------------------------|--|---------------------------------------|--|---|--|----------------|--|---|--|--------------|--------------------------------|---------------------------------------|----------------------------------|---|---|---|---|---|
|            |                         | General credit exposures                       |                                       | Relevant credit exposures – Market risk                          |   | Securitisation exposures – Exposure value for non-trading book |                | Total exposure value                         | Own fund requirements                   |  |              | Risk-weighted exposure amounts | Own funds requirements weights (in %) | Counter-cyclical buffer rate (%) |   |   |   |   |   |
|            |                         | Exposure value under the standardised approach | Exposure value under the IRB approach | Sum of long and short positions of trading book exposures for SA | Value of trading book exposures for internal models |  |                | Relevant credit risk exposures – Credit risk | Relevant credit exposures – Market risk | Relevant credit exposures – Securitisation positions in the non-trading book | Total        |                                |                                       |                                  |   |   |   |   |   |
| 019        | SG (Singapore)          | 142  | 881                                   | –  | 4   | –  | 1,027          | 28   | 0                                       | –  | 28           | 350                            | 0.3                                   | –                                |   |   |   |   |   |
| 020        | CN (China)              | 43   | 535                                   | –  | –   | –  | 578            | 24   | –                                       | –  | 24           | 304                            | 0.2                                   | –                                |   |   |   |   |   |
| 021        | EG (Egypt)              | 22   | 19                                    | –  | 23  | –  | 64             | 1  | 23                                      | –  | 24           | 295                            | 0.2                                   | –                                |   |   |   |   |   |
| 022        | JP (Japan)              | 12   | 1,346                                 | –  | 43  | –  | 1,401          | 22   | 1                                       | –  | 23           | 284                            | 0.2                                   | –                                |   |   |   |   |   |
| 023        | DK (Denmark)            | 18   | 601                                   | –  | 4   | –  | 623            | 22   | 0                                       | –  | 22           | 279                            | 0.2                                   | 2.5                              |   |   |   |   |   |
| 024        | FI (Finland)            | 136  | 415                                   | –  | 9   | 50   | 609            | 17   | 0                                       | 0  | 17           | 215                            | 0.2                                   | –                                |   |   |   |   |   |
| 025        | RU (Russian Federation) | 190  | 91                                    | –  | 0   | –  | 281            | 14   | 0                                       | –  | 14           | 177                            | 0.1                                   | –                                |   |   |   |   |   |
| 026        | CA (Canada)             | 1,003  | 310                                   | –  | 12  | –  | 1,326          | 11   | 2                                       | –  | 14           | 169                            | 0.1                                   | –                                |   |   |   |   |   |
| 027        | MX (Mexico)             | 11   | 95                                    | –  | 0   | –  | 106            | 4  | 8                                       | –  | 12           | 149                            | 0.1                                   | –                                |   |   |   |   |   |
| 028        | AU (Australia)          | 10   | 395                                   | –  | 3   | –  | 409            | 12   | 0                                       | –  | 12           | 147                            | 0.1                                   | 1.0                              |   |   |   |   |   |
| 029        | BR (Brazil)             | 175  | 161                                   | –  | 0   | –  | 337            | 12   | 0                                       | –  | 12           | 144                            | 0.1                                   | –                                |   |   |   |   |   |
| 030        | BM (Bermuda)            | 201  | 39                                    | –  | –   | –  | 240            | 11   | –                                       | –  | 11           | 140                            | 0.1                                   | –                                |   |   |   |   |   |
| 031        | Other                   | 3,278  | 1,515                                 | –  | 74  | –  | 4,867          | 94   | 3                                       | –  | 96           | 1,203                          | 1.0                                   | 0.4                              |   |   |   |   |   |
| <b>032</b> | <b>Total</b>            | <b>47,503</b>                                  | <b>274,638</b>                        | <b>–</b>   | <b>717</b>  | <b>27,819</b>  | <b>350,677</b> | <b>9,357</b>                                 | <b>157</b>                              | <b>399</b>   | <b>9,913</b> | <b>123,916</b>                 | <b>100.0</b>                          |                                  |   |   |   |   |   |

Table EU CCyB2 shows the countercyclical capital buffer according to article 440 b) CRR as of 30 June 2024.

#### EU CCyB2: Amount of institution-specific countercyclical capital buffer

|      |   | a         |
|------|---|-----------|
| Line | €m   %  | 30.6.2024 |
| 010  | Total risk exposure amount                                      | 172,887   |
| 020  | Institution specific countercyclical capital buffer rate        | 0.6700    |
| 030  | Institution specific countercyclical capital buffer requirement | 1,158.32  |

#### Capital requirements by risk type

As required by Article 438 d), Table EU OV1 shows an overview of risk-weighted assets (RWA) and the associated capital requirements by risk type.

Of the overall capital requirement 73.7% relates to credit risk positions (excluding counterparty credit risk). Commerzbank uses the Advanced Internal Ratings Based Approach (advanced IRBA; in the following referred to as IRBA) to determine the regulatory capital required. Article 150 CRR gives the option of partial use. The Standardised Approach to Credit Risk (SACR) may be used for part of the portfolios.

Commerzbank Group and accordingly the group companies included in the disclosure are, as IRBA banks as defined in Article 147 CRR, generally obliged to value investments in accordance with the IRBA rules. The CRR allows items to be permanently exempted from the IRBA. Commerzbank applies Article 150 CRR and values all investment positions using the permanent partial use according to the SACR, provided that the individual equity position is not measured in the SACR anyway. Investments that are linked to particularly high risks as defined in Article 128 CRR, such as private equity invest-

ments or venture capital exposures, are shown in the corresponding SACR exposure class.

Of the overall capital requirement 7.1% relates to counterparty credit risk. Based on the EBA requirements, credit value adjustments (CVAs) are also assigned to this credit risk category.

Securitised positions in the banking book are also shown as a separate credit risk category subject to a capital requirement in the table EU OV1 below (2.9% of total capital requirement).

Pursuant to Article 92 (3) b) and c) CRR, adequate capital must be set aside for market risk positions. As of 30 June 2024, capital requirements here are 3.3% of total requirements. Commerzbank uses an internal market risk model to calculate the regulatory capital requirement. This affects both the equity price and interest rate-related risk positions in the trading book as well as the total of currency positions and commodity positions. The standardized approaches are applied for smaller units in Commerzbank Group in accordance with the partial use option.

Commerzbank uses the standardized approach (SA) to calculate the capital adequacy requirement for operational risks. This risk category accounts for 13.1% of the total capital requirements.

## EU OV1: Overview of risk weighted exposure amounts

| €m        |  | a                              |                | b                              | c                            |
|-----------|--|--------------------------------|----------------|--------------------------------|------------------------------|
|           |  | Risk-weighted exposure amounts |                | Risk-weighted exposure amounts | Total own funds requirements |
|           |  | 30.6.2024                      | 31.3.2024      |                                | 30.6.2024                    |
| 1         | Credit risk (excluding CCR)  | 127,354                        | 127,759        |                                | 10,188                       |
| 2         | thereof: standard approach   | 31,027                         | 30,976         |                                | 2,482                        |
| 3         | thereof: the foundation IRB (F-IRB) approach   | –                              | –              |                                | –                            |
| 4         | thereof: slotting approach   | 1,148                          | 1,023          |                                | 92                           |
| EU 4a     | thereof: equities under the simple risk weighted approach                                  | –                              | –              |                                | –                            |
| 5         | thereof: the advanced IRB (A-IRB) approach   | 95,179                         | 95,760         |                                | 7,614                        |
| 6         | Counterparty credit risk - CCR   | 12,213                         | 12,266         |                                | 977                          |
| 7         | thereof: standard approach   | 931                            | 1,122          |                                | 74                           |
| 8         | thereof: internal model method (IMM)   | 8,758                          | 8,345          |                                | 701                          |
| EU 8a     | thereof: exposures to a CCP  | 306                            | 316            |                                | 24                           |
| EU 8b     | thereof: credit valuation adjustment - CVA   | 1,876                          | 2,119          |                                | 150                          |
| 9         | thereof: other CCR   | 342                            | 364            |                                | 27                           |
| 15        | Settlement risk  | 0                              | 0              |                                | 0                            |
| 16        | Securitisation exposures in the non-trading book (after the cap)                           | 4,991                          | 4,832          |                                | 399                          |
| 17        | thereof: SEC-IRBA  | 1,829                          | 1,687          |                                | 146                          |
| 18        | thereof SEC-ERBA (incl. IAA)   | 2,383                          | 2,348          |                                | 191                          |
| 19        | thereof: SEC-SA  | 779                            | 796            |                                | 62                           |
| EU 19a    | thereof: 1250% / deduction (for information)   | 1,168                          | 1,373          |                                | 93                           |
| 20        | Position, foreign exchange and commodities risks (Market risk)                             | 5,753                          | 5,647          |                                | 460                          |
| 21        | thereof: standard approach   | 976                            | 810            |                                | 78                           |
| 22        | thereof: IMA   | 4,777                          | 4,837          |                                | 382                          |
| EU 22a    | Large exposures  | –                              | –              |                                | –                            |
| 23        | Operational risk   | 22,576                         | 22,576         |                                | 1,806                        |
| EU 23a    | thereof: basic indicator approach  | –                              | –              |                                | –                            |
| EU 23b    | thereof: standard approach   | 22,576                         | 22,576         |                                | 1,806                        |
| EU 23c    | thereof: advanced measurement approach   | –                              | –              |                                | –                            |
| 24        | Amounts below the thresholds for deduction (subject to 250% risk weight) (for information) | 5,519                          | 6,533          |                                | 442                          |
| <b>29</b> | <b>Total</b>   | <b>172,887</b>                 | <b>173,081</b> |                                | <b>13,831</b>                |

Risk-weighted assets were €172.9bn as of 30 June 2024. Compared to the previous quarter, there was a total decrease of €0.2bn. The slight decline is mainly due to credit risk, where parameter effects caused a decrease in RWA, which was partly offset by an increase in credit volume.

The overviews of the development of risk-weighted assets (RWA) by main drivers EU CR8: RWA flow statements of credit risk exposures under the IRB approach, EU CCR7: RWA flow statements of CCR exposures under the IMM as well as EU MR2-B: RWA flow statements of market risk exposures under the IMA are given in the chapters on the respective risk types.

# Leverage Ratio

The leverage ratio shows the ratio of Tier 1 capital to leverage ratio exposure, consisting of the non risk-weighted assets plus off-balance sheet positions. The way in which exposure to derivatives, securities financing transactions and off-balance sheet positions is calculated is laid down by regulators. As a non risk-sensitive figure the leverage ratio is intended to supplement risk-based measures of capital adequacy.

The leverage ratio was 4.5% as of 30 June 2024. The decrease in comparison with year-end 2023 is due to higher leverage ratio exposure, which was caused by increased on-balance sheet items

and increased balance sheet volume from security financing transactions (SFT).

Table EU LR1 shows the summary reconciliation of accounting assets and leverage ratio exposures in accordance with Article 451 (1) b) CRR as of 30 June 2024. Where the value "Total assets as per published financial statements" corresponds to total assets according to Table EU CC2, line 22, column a. After all discretionary margins have been disclosed in the assessment according to the balance sheet or risk view, the leverage ratio total exposure measure is shown in line 13.

## EU LR1: LRSum – Summary reconciliation of accounting assets and leverage ratio exposures

| €m   | a                 |
|--|-------------------|
|  | Applicable amount |
| <b>1 Total assets as per published financial statements</b>  | <b>560,087</b>    |
| 2 Adjustment for entities which are consolidated for accounting purposes but are outside the scope of prudential consolidation   | 17,498            |
| 3 (Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference)   | –                 |
| 4 (Adjustment for temporary exemption of exposures to central banks (if applicable))   | –                 |
| 5 (Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting framework but excluded from the total exposure measure in accordance with point (i) of Article 429a(1) CRR) | –                 |
| 6 Adjustment for regular-way purchases and sales of financial assets subject to trade date accounting  | –1,129            |
| 7 Adjustment for eligible cash pooling transactions  | 685               |
| 8 Adjustments for derivative financial instruments   | 11,817            |
| 9 Adjustment for securities financing transactions (SFTs)  | 2,346             |
| 10 Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)  | 52,427            |
| 11 (Adjustment for prudent valuation adjustments and specific and general provisions which have reduced Tier 1 capital)  | –                 |
| EU-11a (Adjustment for exposures excluded from the total exposure measure in accordance with point (c) of Article 429a(1) CRR)   | –                 |
| EU-11b (Adjustment for exposures excluded from the total exposure measure in accordance with point (j) of Article 429a(1) CRR)   | –                 |
| 12 Other adjustments   | –2,231            |
| <b>13 Total exposure measure</b>   | <b>641,499</b>    |

Table EU LR2 shows the individual components for the calculation the leverage ratio referred to in Article 451 CRR as of 30 June 2024:

**EU LR2: LRCom – Leverage ratio common disclosure**

|  |   | CRR leverage ratio exposures |            |
|--|---|------------------------------|------------|
| €m   |   | a                            | b          |
|  |   | 30.6.2024                    | 31.12.2023 |
| <b>On-balance sheet exposures (excluding derivatives and SFTs)</b> |   |                              |            |
| 1  | On-balance sheet items (excluding derivatives, SFTs, but including collateral)  | 512,165                      | 483,484    |
| 2  | Gross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the applicable accounting framework | –                            | –          |
| 3  | (Deductions of receivables assets for cash variation margin provided in derivatives transactions)   | –9,888                       | –11,496    |
| 4  | (Adjustment for securities received under securities financing transactions that are recognised as an asset)                              | –                            | –          |
| 5  | (General credit risk adjustments to on-balance sheet items)   | –                            | –          |
| 6  | (Asset amounts deducted in determining Tier 1 capital)  | –2,300                       | –1,748     |
| 7  | Total on-balance sheet exposures (excluding derivatives and SFTs)   | 499,977                      | 470,240    |
| <b>Derivative exposures</b>  |   |                              |            |
| 8  | Replacement cost associated with SA-CCR derivatives transactions (i.e. net of eligible cash variation margin)                             | 17,956                       | 18,821     |
| EU-8a  | Derogation for derivatives: replacement costs contribution under the simplified standardised approach                                     | –                            | –          |
| 9  | Add-on amounts for potential future exposure associated with SA-CCR derivatives transactions  | 21,300                       | 19,102     |
| EU-9a  | Derogation for derivatives: Potential future exposure contribution under the simplified standardised approach                             | –                            | –          |
| EU-9b  | Exposure determined under Original Exposure Method  | –                            | –          |
| 10   | (Exempted CCP leg of client-cleared trade exposures) (SA-CCR)   | –10,491                      | –11,119    |
| EU-10a   | (Exempted CCP leg of client-cleared trade exposures) (simplified standardised approach)   | –                            | –          |
| EU-10b   | (Exempted CCP leg of client-cleared trade exposures) (original Exposure Method)   | –                            | –          |
| 11   | Adjusted effective notional amount of written credit derivatives  | 6,526                        | 5,979      |
| 12   | (Adjusted effective notional offsets and add-on deductions for written credit derivatives)  | –4,484                       | –3,878     |
| 13   | Total derivatives exposures   | 30,806                       | 28,906     |
| <b>Securities financing transaction (SFT) exposures</b>            |   |                              |            |
| 14   | Gross SFT assets (with no recognition of netting), after adjustment for sales accounting transactions                                     | 93,356                       | 89,248     |
| 15   | (Netted amounts of cash payables and cash receivables of gross SFT assets)  | –31,561                      | –43,863    |
| 16   | Counterparty credit risk exposure for SFT assets  | 2,346                        | 2,271      |
| EU-16a   | Derogation for SFTs: Counterparty credit risk exposure in accordance with Articles 429e(5) and 222 CRR                                    | –                            | –          |
| 17   | Agent transaction exposures   | –                            | –          |
| EU-17a   | (Exempted CCP leg of client-cleared SFT exposure)   | –                            | –          |
| 18   | Total securities financing transaction exposures  | 64,140                       | 47,655     |
| <b>Other off-balance sheet exposures</b>                           |   |                              |            |
| 19   | Off-balance sheet exposures at gross notional amount  | 185,005                      | 181,407    |
| 20   | (Adjustments for conversion to credit equivalent amounts)   | –132,578                     | –130,414   |
| 21   | (General provisions deducted in determining Tier 1 capital and specific provisions associated with off-balance sheet exposures)           | –                            | –          |
| 22   | Off-balance sheet exposures   | 52,427                       | 50,993     |

|   |   | CRR leverage ratio exposures                            |   |
|---|---|---|---|
| €m  |   | a   | b   |
|   |   | 30.6.2024   | 31.12.2023  |
| <b>Excluded exposures</b>   |   |   |   |
| EU-22a  | (Exposures excluded from the total exposure measure in accordance with point (c) of Article 429a(1) CRR)                              | –   | –   |
| EU-22b  | (Exposures exempted in accordance with point (j) of Article 429a (1) CRR (on and off-balance sheet))                                  | –   | –   |
| EU-22c  | (Excluded exposures of public development banks (or units) - Public sector investments)   | –   | –   |
| EU-22d  | (Excluded exposures of public development banks (or units) - Promotional loans)   | –   | –   |
| EU-22e  | (Excluded passing-through promotional loan exposures by non-public development banks (or units))                                      | –   | –   |
| EU-22f  | (Excluded guaranteed parts of exposures arising from export credits)  | –5,850  | –5,538  |
| EU-22g  | (Excluded excess collateral deposited at triparty agents)   | –   | –   |
| EU-22h  | (Excluded CSD related services of CSD/institutions in accordance with point (o) of Article 429a(1) CRR)                               | –   | –   |
| EU-22i  | (Excluded CSD related services of designated institutions in accordance with point (p) of Article 429a(1) CRR)                        | –   | –   |
| EU-22j  | (Reduction of the exposure value of pre-financing or intermediate loans)  | –   | –   |
| EU-22k  | (Total exempted exposures)  | –5,850  | –5,538  |
| <b>Capital and total exposure measure</b>                         |   |   |   |
| 23  | Tier 1 capital fully loaded   | 28,735  | 28,926  |
| 23  | Tier 1 capital with transitional provisions   | 28,735  | 28,926  |
| 24  | Total exposure measure  | 641,499   | 592,257   |
| <b>Leverage ratio</b>   |   |   |   |
| 25  | Leverage ratio fully loaded (%)   | 4.48  | 4.88  |
| 25  | Leverage ratio with transitional provisions (%)   | 4.48  | 4.88  |
| EU-25   | Leverage ratio (excluding the impact of the exemption of public sector investments and promotional loans) (%)                         | 4.48  | 4.88  |
| 25a   | Leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves) with transitional provisions (%) | 4.48  | 4.88  |
| 26  | Regulatory minimum leverage ratio requirement (%)   | 3.00  | 3.00  |
| EU-26a  | Additional own funds requirements to address the risk of excessive leverage (%)   | 0.10  | –   |
| EU-26b  | of which: to be made up of CET1 capital (percentage points)   | –   | –   |
| 27  | Leverage ratio buffer requirement (%)   | –   | –   |
| EU-27a  | Overall leverage ratio requirement (%)  | 3.10  | 3.00  |
| <b>Choice on transitional arrangements and relevant exposures</b> |   |   |   |
| EU-27b  | Choice on transitional arrangements for the definition of the capital measure   | Applying the transitional arrangements and fully loaded | Applying the transitional arrangements and fully loaded |

Table EU LR3 shows the split up of on-balance exposures in trading and banking book according to Article 451 (1) b) CRR as of 30 June 2024.

**EU LR3: LRSpl – Split-up of on balance sheet exposures (excluding derivatives, SFTs and exempted exposures)**

|             |  | CRR leverage ratio exposures |
|-------------|--|------------------------------|
|             |  | a                            |
| €m          |  | 30.6.2024                    |
| <b>EU-1</b> | <b>Total on-balance sheet exposures (excluding derivatives, SFTs, and exempted exposures), of which:</b> | <b>509,329</b>               |
| EU-2        | Trading book exposures   | 43,077                       |
| EU-3        | Banking book exposures, of which:  | 466,252                      |
| EU-4        | Covered bonds  | 10,562                       |
| EU-5        | Exposures treated as sovereigns  | 157,310                      |
| EU-6        | Exposures to regional governments, MDB, international organisations and PSE, not treated as sovereigns   | 5,461                        |
| EU-7        | Institutions   | 23,826                       |
| EU-8        | Secured by mortgages of immovable properties   | 87,170                       |
| EU-9        | Retail exposures   | 56,369                       |
| EU-10       | Corporates   | 73,716                       |
| EU-11       | Exposures in default   | 2,209                        |
| EU-12       | Other exposures (eg equity, securitisations, and other non-credit obligation assets)                     | 49,630                       |

## A. Credit risk

Credit risk (default risk from credit risk) is defined as the risk of losses sustained or profits foregone due to the default of a counterparty. It is a quantifiable material risk and includes the material sub-risk types of credit default risk, issuer risk, counterparty credit risk, country and transfer risk, dilution risk and reserve risk. The default risk from counterparty credit risk is shown separately in the section on counterparty credit risk in this report.

### Credit risk mitigation

At Commerzbank, risks are mitigated via a range of measures including collateral and netting.

The collateral mainly takes the form of mortgages, financial collateral, guarantees, indemnity letters, credit derivatives, life insurances, other registered liens and other real collateral. Within the scope of the IRBA assessments, this collateral was recognised by the regulator as eligible collateral.

For the majority of its default risk positions from counterparty credit risk, Commerzbank Group uses the internal model method (IMM) according to Article 283 CRR. The credit equivalent amounts are determined as expected future exposure through the simulation of various market scenarios, taking netting and collateral into account.

Also for securities repurchase, lending and comparable transactions involving securities or goods, the exposures are determined in accordance with Article 283 in conjunction with Article 273 (2) CRR on the basis of an internal model method. Guarantees and credit derivatives are considered via the substitution approach. The double default procedure defined under Article 153 (3) CRR is applied.

Details on the use of credit risk mitigation techniques in default risks from counterparty credit risk are set out in the section on counterparty credit risk.

The following table EU CR3 gives an overview of the extent of the use of credit risk mitigation techniques. The items shown in column c are mainly positions secured by mortgages. The table refers to in Article 453 f) CRR as of 30 June 2024:

**EU CR3: CRM techniques overview: Disclosure of the use of credit risk mitigation techniques**

| €m   |                                   | a                                     | b                                   | c                               | d   | e                                       |
|------|-----------------------------------|---------------------------------------|-------------------------------------|---------------------------------|---|---|
|      |                                   | Exposures unsecured – Carrying amount | Exposures secured – Carrying amount |                                 |   |   |
|      |                                   |                                       |                                     | Exposures secured by collateral | Exposures secured by financial guarantees | Exposures secured by credit derivatives |
| 1    | Loans and advances                | 258,508                               | 180,999                             | 170,225                         | 10,774                                    | –                                       |
| 2    | Debt securities                   | 97,918                                | –                                   | –                               | –   | –                                       |
| 3    | <b>Total</b>                      | <b>356,426</b>                        | <b>180,999</b>                      | <b>170,225</b>                  | <b>10,774</b>                             | <b>–</b>                                |
| 4    | Of which non-performing exposures | 773                                   | 1,347                               | 830                             | 516                                       | –                                       |
| EU-5 | Of which defaulted                | 773                                   | 1,347                               | –                               | –   | –                                       |



## Credit risk and credit risk mitigation in the SACR

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This chapter presents the effects of the credit risk mitigation on the Commerzbank Group's SACR portfolio, divided by exposure classes and the risk weight used.

The portfolios currently excluded from the IRBA are measured in accordance with SACR regulations as permitted under partial use provisions. In contrast to the IRBA, the SACR is largely based on a flat risk weighting or external ratings. Commerzbank has nominated the rating agencies Standard & Poor's Rating Services, Moody's Investors Service and FitchRatings for the use of external ratings.

Where an external credit rating is available for a position, that external rating is used to determine the risk weighting. Here, Commerzbank uses the standard mapping of external credit assessments to the relevant credit quality steps as published by the EBA in accordance with Article 136 CRR. Where two or more external credit ratings are available for one position, the risk weighting is assigned in accordance with the provisions of Article 138 CRR.

For unrated positions, if the conditions set out in Articles 139 and 140 CRR are met, a risk weighting is calculated based on a derived credit rating. In all other cases, the position is treated as an unrated exposure.

Under the SACR, guarantees are treated according to the substitution principle. This means that the borrower's risk weighting is replaced by that of the guarantor.

Consequently, the guaranteed amount is transferred from the borrower's exposure class to that of the guarantor. This is why the exposure before CRM for assets guaranteed by central governments and central banks, for example, is less than after CRM. However, a transfer only takes place if the risk weighting of the guarantor is lower than that of the borrower. This can be seen in table EU CR4. This table also shows the impact of the credit risk mitigation techniques used in the SACR portfolio in accordance with Chapter 4 of Title II of Part Three CRR and the conversion factors used in accordance with Article 111 CRR.

Table EU CR4 contains the information in accordance with Articles 444 e) and 453 g), h) and i) CRR as of 30 June 2024.

For the reported SACR exposure value, unlike the IRBA, the valuation allowances based on each of the positions are deducted. Table EU CR5 shows the distribution of exposure values after credit risk mitigation and conversion factors by exposure class and risk weight in accordance with Article 444 e) CRR as of 30 June 2024.

## EU CR4: Standardised approach – Credit risk exposure and CRM effects

| Exposure classes | €m  | a                       |                          | b                       |                          | c                       |                          | d |  | e                    |             | f |
|------------------|---|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|---|--|----------------------|-------------|---|
|                  |   | Exposures               |                          |                         |                          | Exposures               |                          |   |  | RWAs and RWA density |             |   |
|                  |   | before CCF and CRM      |                          |                         |                          | post CCF and CRM        |                          |   |  | RWAs                 | RWA density |   |
|                  |   | On-balance-sheet amount | Off-balance-sheet amount | On-balance-sheet amount | Off-balance-sheet amount | On-balance-sheet amount | Off-balance-sheet amount |   |  |                      |             |   |
| 1                | Central governments or central banks                            | 132,668                 | 4,306                    | 137,362                 | 4,314                    | 2,643                   | 1.9%                     |   |  |                      |             |   |
| 2                | Regional government or local authorities                        | 23,017                  | 602                      | 24,694                  | 58                       | 1,368                   | 5.5%                     |   |  |                      |             |   |
| 3                | Public sector entities  | 4,131                   | 156                      | 5,306                   | 18                       | 213                     | 4.0%                     |   |  |                      |             |   |
| 4                | Multilateral development banks                                  | 2,154                   | 0                        | 2,811                   | 40                       | 7                       | 0.2%                     |   |  |                      |             |   |
| 5                | International organisations                                     | 1,527                   | 0                        | 1,527                   | –                        | –                       | –                        |   |  |                      |             |   |
| 6                | Institutions  | 3,723                   | 2,493                    | 3,952                   | 691                      | 1,156                   | 24.9%                    |   |  |                      |             |   |
| 7                | Corporates  | 10,816                  | 6,877                    | 12,699                  | 1,805                    | 10,861                  | 74.9%                    |   |  |                      |             |   |
| 8                | Retail  | 4,613                   | 3,472                    | 4,478                   | 81                       | 3,394                   | 74.5%                    |   |  |                      |             |   |
| 9                | Secured by mortgages on immovable property                      | 9,345                   | 69                       | 9,345                   | 30                       | 3,532                   | 37.7%                    |   |  |                      |             |   |
| 10               | Exposures in default  | 422                     | 96                       | 266                     | 2                        | 297                     | 111.0%                   |   |  |                      |             |   |
| 11               | Exposures associated with particularly high risk                | 611                     | 65                       | 611                     | 17                       | 942                     | 150.0%                   |   |  |                      |             |   |
| 12               | Covered bonds   | –                       | –                        | –                       | –                        | –                       | –                        |   |  |                      |             |   |
| 13               | Institutions and corporates with a short-term credit assessment | 15                      | –                        | 15                      | –                        | 3                       | 20.0%                    |   |  |                      |             |   |
| 14               | Collective investment undertakings                              | 2,385                   | –                        | 2,385                   | –                        | 980                     | 41.1%                    |   |  |                      |             |   |
| 15               | Equity  | 685                     | –                        | 685                     | –                        | 960                     | 140.2%                   |   |  |                      |             |   |
| 16               | Other items   | 2,078                   | 2                        | 2,078                   | 2                        | 4,672                   | 224.6%                   |   |  |                      |             |   |
| 17               | <b>Total</b>  | <b>198,187</b>          | <b>18,137</b>            | <b>208,212</b>          | <b>7,058</b>             | <b>31,027</b>           | <b>14.4%</b>             |   |  |                      |             |   |

## EU CR5: Standardised approach

|   | a              | b         | c          | d          | e             | f            | g            | h        | i            | j             | k          | l            | m        | n        | o          | p              | q                |
|---|----------------|-----------|------------|------------|---------------|--------------|--------------|----------|--------------|---------------|------------|--------------|----------|----------|------------|----------------|------------------|
| Exposure classes  | Risk weight    |           |            |            |               |              |              |          |              |               |            |              |          |          |            | Total          | Of which unrated |
| €m  | 0%             | 2%        | 4%         | 10%        | 20%           | 35%          | 50%          | 70%      | 75%          | 100%          | 150%       | 250%         | 370%     | 1250%    | Others     |                |                  |
| Central governments or central banks                            | 134,403        | –         | –          | 500        | 5,405         | –            | 448          | –        | –            | 484           | 0          | 283          | –        | –        | 152        | 141,676        | –                |
| Regional government or local authorities                        | 19,229         | –         | –          | –          | 4,671         | –            | 788          | –        | –            | –             | –          | –            | –        | –        | 64         | 24,752         | 23,054           |
| Public sector entities  | 4,574          | –         | –          | –          | 601           | –            | 1            | –        | –            | 1             | –          | –            | –        | –        | 145        | 5,324          | –                |
| Multilateral development banks                                  | 2,822          | –         | –          | –          | 30            | –            | –            | –        | –            | –             | –          | –            | –        | –        | –          | 2,852          | 2,154            |
| International organisations                                     | 1,527          | –         | –          | –          | –             | –            | –            | –        | –            | –             | –          | –            | –        | –        | –          | 1,527          | 1,527            |
| Institutions  | 4              | 31        | 350        | –          | 3,457         | –            | 703          | –        | –            | 97            | 0          | –            | –        | –        | –          | 4,643          | –                |
| Corporates  | 117            | 0         | –          | –          | 1,827         | 0            | 2,987        | –        | –            | 9,571         | 0          | –            | –        | –        | –          | 14,503         | 6                |
| Retail  | –              | –         | –          | –          | –             | –            | –            | –        | 4,559        | 0             | –          | –            | –        | –        | –          | 4,559          | –                |
| Secured by mortgages on immovable property                      | –              | –         | –          | –          | –             | 5,805        | 3,567        | –        | –            | –             | 2          | –            | –        | –        | –          | 9,375          | –                |
| Exposures in default  | –              | –         | –          | –          | –             | –            | –            | –        | –            | 209           | 59         | –            | –        | –        | –          | 268            | –                |
| Exposures associated with particularly high risk                | –              | –         | –          | –          | –             | –            | –            | –        | –            | –             | 628        | –            | –        | –        | –          | 628            | 358              |
| Covered bonds   | –              | –         | –          | –          | –             | –            | –            | –        | –            | –             | –          | –            | –        | –        | –          | –              | –                |
| Institutions and corporates with a short-term credit assessment | –              | –         | –          | –          | 15            | –            | –            | –        | –            | –             | –          | –            | –        | –        | –          | 15             | –                |
| Collective investment undertakings                              | 592            | –         | –          | –          | 572           | –            | 977          | –        | –            | 176           | 59         | –            | –        | 9        | –          | 2,385          | –                |
| Equity  | –              | –         | –          | –          | –             | –            | –            | –        | –            | 501           | –          | 184          | –        | –        | –          | 685            | 685              |
| Other items   | 0              | –         | –          | –          | 5             | –            | –            | –        | –            | 344           | –          | 1,730        | –        | –        | –          | 2,080          | 113              |
| <b>Total</b>  | <b>163,268</b> | <b>31</b> | <b>350</b> | <b>500</b> | <b>16,583</b> | <b>5,805</b> | <b>9,473</b> | <b>–</b> | <b>4,559</b> | <b>11,383</b> | <b>749</b> | <b>2,197</b> | <b>–</b> | <b>9</b> | <b>361</b> | <b>215,269</b> | <b>27,896</b>    |

## Credit risk and credit risk mitigation in the IRBA

The credit risk of the Commerzbank Group's IRBA portfolio divided into the relevant IRBA asset classes and PD ranges is shown below. The information in table EU CR6 on on-balance-sheet gross receivables refers to the risk exposure values to be determined according to Article 166 CRR. These represent the expected amounts of the IRBA positions that will be exposed to a risk of loss. The off-balance-sheet claims are shown before considering credit risk adjustments and conversion factors. Exposure at default (regulatory EaD) shows the exposure values after considering credit risk mitigation. The risk parameters CCF, PD and LGD are calculated as EaD-weighted averages. The IRBA default definition is also used for internal purposes.

The companies in Commerzbank Group use the IRBA approach. Hence, they may use internal estimates of credit conversion factors (CCFs) for regulatory purposes, too. CCFs are necessary for off-balance-sheet transactions in order to assess the likely exposure in the event of a possible default on commitments that have not yet been drawn.

Tables EU CR6, EU CR7 and EU CR7-A show only portfolios which fall within the scope of IRBA and are rated with a rating process that has been approved by the supervisory authority. Positions in the risk exposure class "Other non-loan-related assets" are not listed in table EU CR6. These assets amount to € 12.4bn and do not have any creditworthiness risks and thus are not relevant for the management of default risks.

Table EU CR6 also does not include mBank S.A. positions of €1.2bn risk weighted assets, which are subject to the IRBA slotting

approach in accordance with Article 153 (5) CRR and are shown in table EU CR10.2. Investment positions with a fixed risk weighting according to Article 155 (2) CRR are not relevant in Commerzbank Group as of 30 June 2024 and are therefore not part of table EU CR10.

Securitisation exposures in the IRBA are shown in the section Securitisation of this report. Counterparty default risks are shown in the section Counterparty credit risk in this report.

The impact of credit derivatives used for credit risk mitigation on the amount of RWA of credit risk in the IRBA portfolio as of 30 June 2024 comes to 0.1 % (see the next table EU CR7).

The risk exposure values shown in this section generally differ from the EaD values in the Annual Report (economic EaD) due to the following:

- According to the EBA's requirement for disclosure, credit risk and counterparty credit risk are presented separately in the Disclosure Report.
- Some transactions are not included in risk-weighted assets (RWA) for regulatory purposes but are included in the EaD of the Annual Report and Risk Report, respectively.
- The figures shown in this Disclosure Report refer to the regulatory scope of consolidation. By contrast, the figures in the Annual Report refer to the IFRS scope of consolidation

Table EU CR6 contains the information described above in accordance with Article 452 g) CRR as of 30 June 2024 for the A-IRB portfolio. As Commerzbank does not have any F-IRB positions, a corresponding list is not required.

## EU CR6\_part 1: IRB approach – Credit risk exposures by exposure class and PD range

|                                      | a                 | b                             | c                                      | d                             | e                                 | f                              | g                  | h                               | i  | j   | k  | l                       | m                                   |
|--------------------------------------|-------------------|-------------------------------|--|-------------------------------|-----------------------------------|--------------------------------|--------------------|---------------------------------|--|---|--|-------------------------|-------------------------------------|
| A-IRB                                | PD scale          | On-balance sheet exposures €m | Off-balance sheet exposures pre-CCF €m | Exposure weighted average CCF | Exposure post CCF and post CRM €m | Exposure weighted average PD % | Number of obligors | Exposure weighted average LGD % | Exposure weighted average maturity years | Risk weighted exposure amount after supporting factors €m | Density of risk weighted exposure amount | Expected loss amount €m | Value adjustments and provisions €m |
| Central governments or central banks | 0.00 to < 0.15    | 615                           | 593                                    | 0.40                          | 787                               | 0.07                           | 84                 | 91.51                           | 4.4                                      | 314   | 0.40                                     | 0.5                     | –                                   |
|                                      | 0.00 to <0.10     | 465                           | 294                                    | 0.41                          | 521                               | 0.04                           | 56                 | 98.91                           | 4.1                                      | 208   | 0.40                                     | 0.2                     | –                                   |
|                                      | 0.10 to <0.15     | 150                           | 299                                    | 0.39                          | 266                               | 0.11                           | 28                 | 77.05                           | 4.9                                      | 106   | 0.40                                     | 0.2                     | –                                   |
|                                      | 0.15 to < 0.25    | 20                            | 16                                     | 0.48                          | 33                                | 0.21                           | 12                 | 90.48                           | 3.6                                      | 24  | 0.75                                     | 0.1                     | –                                   |
|                                      | 0.25 to < 0.50    | 75                            | 98                                     | 0.24                          | 98                                | 0.38                           | 30                 | 99.60                           | 2.5                                      | 109   | 1.11                                     | 0.4                     | –                                   |
|                                      | 0.50 to < 0.75    | 68                            | 51                                     | 0.42                          | 90                                | 0.59                           | 16                 | 92.69                           | 1.8                                      | 104   | 1.15                                     | 0.5                     | –                                   |
|                                      | 0.75 to < 2.50    | 53                            | 28                                     | 0.46                          | 66                                | 1.58                           | 26                 | 99.99                           | 5.5                                      | 125   | 1.91                                     | 1.0                     | –                                   |
|                                      | 0.75 to <1.75     | 40                            | 24                                     | 0.46                          | 51                                | 1.35                           | 18                 | 99.99                           | 5.6                                      | 91  | 1.78                                     | 0.7                     | –                                   |
|                                      | 1.75 to <2.50     | 12                            | 4                                      | 0.45                          | 14                                | 2.42                           | 8                  | 99.99                           | 5.2                                      | 34  | 2.39                                     | 0.3                     | –                                   |
|                                      | 2.50 to 10.00     | 61                            | 76                                     | 0.45                          | 94                                | 5.07                           | 54                 | 99.95                           | 5.9                                      | 262   | 2.78                                     | 4.6                     | –                                   |
|                                      | 2.5 to <5         | 24                            | 38                                     | 0.46                          | 40                                | 3.42                           | 25                 | 99.91                           | 8.6                                      | 90  | 2.25                                     | 1.3                     | –                                   |
|                                      | 5 to <10          | 37                            | 38                                     | 0.45                          | 54                                | 6.27                           | 29                 | 99.98                           | 3.9                                      | 172   | 3.16                                     | 3.4                     | –                                   |
|                                      | 10.00 to < 100.00 | 26                            | 14                                     | 0.46                          | 30                                | 48.88                          | 41                 | 99.77                           | 3.1                                      | 102   | 3.41                                     | 12.5                    | –                                   |
|                                      | 10 to <20         | 0                             | 3                                      | 0.43                          | 1                                 | 15.59                          | 22                 | 98.79                           | 7.3                                      | 5   | 3.62                                     | 0.2                     | –                                   |
|                                      | 20 to <30         | 0                             | 3                                      | 0.45                          | 1                                 | 22.06                          | 2                  | 100.00                          | 6.9                                      | 6   | 4.36                                     | 0.3                     | –                                   |
| 30 to <100                           | 25                | 9                             | 0.48                                   | 27                            | 52.02                             | 17                             | 99.81              | 2.7                             | 91                                       | 3.35  | 12.0                                     | –                       |                                     |
| 100.00 (default)                     | 0                 | 0                             | 0.20                                   | 0                             | 100.00                            | 5                              | 81.75              | 9.6                             | 0  | 0.19  | 0.0                                      | –                       |                                     |
| Subtotal                             |                   | 917                           | 876                                    | 0.39                          | 1,197                             | 1.83                           | 268                | 93.57                           | 4.1                                      | 1,040   | 0.87                                     | 19.6                    | –                                   |
| Institutions                         | 0.00 to < 0.15    | 19,729                        | 3,336                                  | 0.45                          | 23,245                            | 0.07                           | 1,308              | 23.98                           | 3.2                                      | 3,076   | 0.13                                     | 4.0                     | –1.2                                |
|                                      | 0.00 to <0.10     | 14,353                        | 3,104                                  | 0.46                          | 17,764                            | 0.05                           | 1,060              | 24.21                           | 3.1                                      | 2,119   | 0.12                                     | 2.4                     | –0.5                                |
|                                      | 0.10 to <0.15     | 5,376                         | 231                                    | 0.42                          | 5,482                             | 0.13                           | 248                | 23.23                           | 3.4                                      | 956   | 0.17                                     | 1.6                     | –0.7                                |
|                                      | 0.15 to < 0.25    | 2,838                         | 966                                    | 0.35                          | 2,796                             | 0.20                           | 215                | 22.73                           | 4.8                                      | 701   | 0.25                                     | 1.3                     | –0.5                                |
|                                      | 0.25 to < 0.50    | 2,472                         | 1,317                                  | 0.45                          | 2,988                             | 0.35                           | 402                | 28.20                           | 3.5                                      | 1,024   | 0.34                                     | 3.1                     | –1.2                                |
|                                      | 0.50 to < 0.75    | 1,850                         | 966                                    | 0.45                          | 2,032                             | 0.62                           | 242                | 36.33                           | 2.4                                      | 1,079   | 0.53                                     | 4.6                     | –2.2                                |
|                                      | 0.75 to < 2.50    | 2,398                         | 1,391                                  | 0.41                          | 2,332                             | 1.37                           | 588                | 28.71                           | 3.5                                      | 1,372   | 0.59                                     | 9.6                     | –5.9                                |
|                                      | 0.75 to <1.75     | 1,879                         | 979                                    | 0.41                          | 1,859                             | 1.17                           | 438                | 26.57                           | 3.0                                      | 933   | 0.50                                     | 5.7                     | –3.2                                |
|                                      | 1.75 to <2.50     | 519                           | 412                                    | 0.42                          | 474                               | 2.17                           | 150                | 37.10                           | 5.6                                      | 439   | 0.93                                     | 3.8                     | –2.7                                |
|                                      | 2.50 to 10.00     | 1,948                         | 1,373                                  | 0.47                          | 1,601                             | 4.25                           | 520                | 33.31                           | 6.6                                      | 1,613   | 1.01                                     | 22.3                    | –9.2                                |
|                                      | 2.5 to <5         | 1,411                         | 850                                    | 0.47                          | 1,015                             | 3.29                           | 377                | 33.26                           | 6.5                                      | 906   | 0.89                                     | 11.0                    | –4.2                                |
|                                      | 5 to <10          | 538                           | 523                                    | 0.46                          | 586                               | 5.92                           | 143                | 33.39                           | 6.7                                      | 707   | 1.21                                     | 11.3                    | –5.0                                |
|                                      | 10.00 to < 100.00 | 339                           | 306                                    | 0.46                          | 282                               | 49.44                          | 147                | 31.59                           | 4.5                                      | 437   | 1.55                                     | 40.5                    | –6.3                                |
|                                      | 10 to <20         | 134                           | 37                                     | 0.46                          | 35                                | 11.65                          | 27                 | 21.51                           | 8.6                                      | 33  | 0.95                                     | 0.9                     | –1.6                                |
|                                      | 20 to <30         | 10                            | 26                                     | 0.46                          | 21                                | 23.26                          | 17                 | 6.84                            | 9.7                                      | 8   | 0.39                                     | 0.3                     | 0.0                                 |
| 30 to <100                           | 195               | 243                           | 0.45                                   | 225                           | 57.80                             | 103                            | 35.51              | 3.4                             | 395                                      | 1.75  | 39.3                                     | –4.7                    |                                     |
| 100.00 (default)                     | 66                | 6                             | 0.50                                   | 69                            | 100.00                            | 14                             | 42.61              | 4.4                             | 43                                       | 0.63  | 29.3                                     | –21.0                   |                                     |
| Subtotal                             |                   | 31,640                        | 9,661                                  | 0.44                          | 35,344                            | 1.00                           | 3,436              | 25.78                           | 3.5                                      | 9,343   | 0.26                                     | 114.7                   | –47.6                               |

## EU CR6\_part 2: IRB approach – Credit risk exposures by exposure class and PD range

|   | a                 | b                             | c                                      | d                             | e                                 | f                              | g                  | h                               | i  | j   | k  | l                       | m                                   |
|---|-------------------|-------------------------------|--|-------------------------------|-----------------------------------|--------------------------------|--------------------|---------------------------------|--|---|--|-------------------------|-------------------------------------|
| A-IRB                                   | PD scale          | On-balance sheet exposures €m | Off-balance sheet exposures pre-CCF €m | Exposure weighted average CCF | Exposure post CCF and post CRM €m | Exposure weighted average PD % | Number of obligors | Exposure weighted average LGD % | Exposure weighted average maturity years | Risk weighted exposure amount after supporting factors €m | Density of risk weighted exposure amount | Expected loss amount €m | Value adjustments and provisions €m |
| Corporates, thereof SMEs                | 0.00 to < 0.15    | 595                           | 412                                    | 0.51                          | 776                               | 0.09                           | 515                | 45.72                           | 3.7                                      | 171   | 0.22                                     | 0.3                     | -0.2                                |
|   | 0.00 to <0.10     | 351                           | 279                                    | 0.52                          | 475                               | 0.07                           | 355                | 41.22                           | 3.6                                      | 74  | 0.16                                     | 0.1                     | -0.1                                |
|   | 0.10 to <0.15     | 244                           | 133                                    | 0.49                          | 301                               | 0.13                           | 160                | 52.82                           | 3.8                                      | 98  | 0.32                                     | 0.2                     | -0.1                                |
|   | 0.15 to < 0.25    | 418                           | 235                                    | 0.49                          | 492                               | 0.21                           | 337                | 41.32                           | 3.4                                      | 134   | 0.27                                     | 0.4                     | -0.3                                |
|   | 0.25 to < 0.50    | 1,137                         | 584                                    | 0.48                          | 1,345                             | 0.35                           | 830                | 39.19                           | 4.0                                      | 476   | 0.35                                     | 1.8                     | -1.2                                |
|   | 0.50 to < 0.75    | 619                           | 386                                    | 0.43                          | 755                               | 0.62                           | 530                | 38.30                           | 3.9                                      | 345   | 0.46                                     | 1.8                     | -2.4                                |
|   | 0.75 to < 2.50    | 2,145                         | 1,039                                  | 0.47                          | 2,442                             | 1.42                           | 2,262              | 37.00                           | 3.4                                      | 1,398   | 0.57                                     | 12.6                    | -12.5                               |
|   | 0.75 to <1.75     | 1,582                         | 784                                    | 0.47                          | 1,809                             | 1.20                           | 1,656              | 36.52                           | 3.3                                      | 979   | 0.54                                     | 7.7                     | -7.5                                |
|   | 1.75 to <2.50     | 563                           | 255                                    | 0.45                          | 632                               | 2.04                           | 606                | 38.37                           | 3.5                                      | 419   | 0.66                                     | 4.9                     | -5.1                                |
|   | 2.50 to 10.00     | 1,077                         | 387                                    | 0.46                          | 1,210                             | 4.41                           | 1,173              | 37.70                           | 3.4                                      | 966   | 0.80                                     | 19.6                    | -18.3                               |
|   | 2.5 to <5         | 780                           | 314                                    | 0.46                          | 893                               | 3.43                           | 907                | 38.10                           | 3.0                                      | 670   | 0.75                                     | 11.3                    | -9.9                                |
|   | 5 to <10          | 296                           | 73                                     | 0.45                          | 317                               | 7.17                           | 266                | 36.55                           | 4.3                                      | 296   | 0.93                                     | 8.3                     | -8.4                                |
|   | 10.00 to < 100.00 | 259                           | 55                                     | 0.44                          | 249                               | 21.45                          | 227                | 36.83                           | 5.3                                      | 288   | 1.15                                     | 18.5                    | -15.4                               |
|   | 10 to <20         | 192                           | 37                                     | 0.43                          | 178                               | 13.41                          | 165                | 37.17                           | 5.0                                      | 200   | 1.12                                     | 8.5                     | -8.8                                |
|   | 20 to <30         | 32                            | 10                                     | 0.45                          | 36                                | 22.94                          | 29                 | 38.42                           | 5.8                                      | 54  | 1.53                                     | 3.1                     | -3.3                                |
|   | 30 to <100        | 35                            | 8                                      | 0.46                          | 36                                | 59.64                          | 33                 | 33.56                           | 6.2                                      | 34  | 0.95                                     | 6.9                     | -3.3                                |
| 100.00 (default)                        | 401               | 103                           | 0.41                                   | 402                           | 100.00                            | 301                            | 50.32              | 5.0                             | 347                                      | 0.86  | 208.0                                    | -181.6                  |                                     |
| Subtotal                                | 6,650             | 3,202                         | 0.47                                   | 7,671                         | 7.23                              | 6,175                          | 39.47              | 3.7                             | 4,125                                    | 0.54  | 263.1                                    | -231.9                  |                                     |
| Corporates, thereof specialised lending | 0.00 to < 0.15    | 3,893                         | 546                                    | 0.35                          | 4,085                             | 0.04                           | 316                | 34.90                           | 4.1                                      | 527   | 0.13                                     | 0.5                     | -0.8                                |
|   | 0.00 to <0.10     | 3,778                         | 539                                    | 0.35                          | 3,968                             | 0.03                           | 312                | 34.22                           | 4.1                                      | 475   | 0.12                                     | 0.5                     | -0.7                                |
|   | 0.10 to <0.15     | 115                           | 7                                      | 0.33                          | 117                               | 0.13                           | 4                  | 58.10                           | 5.2                                      | 52  | 0.45                                     | 0.1                     | -0.1                                |
|   | 0.15 to < 0.25    | 210                           | 126                                    | 0.53                          | 276                               | 0.18                           | 9                  | 61.11                           | 3.3                                      | 114   | 0.41                                     | 0.3                     | -3.0                                |
|   | 0.25 to < 0.50    | 562                           | 236                                    | 0.31                          | 635                               | 0.40                           | 19                 | 55.91                           | 3.6                                      | 360   | 0.57                                     | 1.4                     | -1.0                                |
|   | 0.50 to < 0.75    | 577                           | 625                                    | 0.39                          | 817                               | 0.60                           | 19                 | 69.61                           | 2.5                                      | 581   | 0.71                                     | 3.4                     | -1.0                                |
|   | 0.75 to < 2.50    | 513                           | 245                                    | 0.38                          | 605                               | 1.41                           | 19                 | 57.38                           | 2.3                                      | 480   | 0.79                                     | 4.9                     | -3.7                                |
|   | 0.75 to <1.75     | 408                           | 232                                    | 0.38                          | 496                               | 1.29                           | 16                 | 58.61                           | 2.6                                      | 405   | 0.82                                     | 3.7                     | -3.4                                |
|   | 1.75 to <2.50     | 105                           | 12                                     | 0.37                          | 109                               | 1.96                           | 3                  | 51.77                           | 1.1                                      | 75  | 0.69                                     | 1.1                     | -0.3                                |
|   | 2.50 to 10.00     | 120                           | 137                                    | 0.53                          | 193                               | 4.28                           | 13                 | 40.95                           | 2.7                                      | 178   | 0.92                                     | 3.6                     | -5.1                                |
|   | 2.5 to <5         | 90                            | 97                                     | 0.55                          | 143                               | 3.25                           | 8                  | 38.52                           | 2.3                                      | 114   | 0.79                                     | 1.9                     | -2.4                                |
|   | 5 to <10          | 31                            | 40                                     | 0.46                          | 50                                | 7.27                           | 5                  | 47.96                           | 3.5                                      | 64  | 1.29                                     | 1.7                     | -2.7                                |
|   | 10.00 to < 100.00 | 51                            | -                                      | -                             | 51                                | 10.87                          | 2                  | 29.66                           | 4.2                                      | 52  | 1.02                                     | 1.7                     | -3.9                                |
|   | 10 to <20         | 51                            | -                                      | -                             | 51                                | 10.81                          | 1                  | 29.60                           | 4.2                                      | 52  | 1.02                                     | 1.6                     | -3.8                                |
|   | 20 to <30         | 0                             | -                                      | -                             | 0                                 | 26.51                          | 1                  | 45.06                           | 1.0                                      | 0   | 1.53                                     | 0.0                     | 0.0                                 |
|   | 30 to <100        | -                             | -                                      | -                             | -                                 | -                              | -                  | -                               | -  | -   | -  | -                       | -                                   |
| 100.00 (default)                        | 69                | 61                            | 0.22                                   | 83                            | 100.00                            | 4                              | 36.73              | 2.3                             | 19                                       | 0.23  | 30.4                                     | -71.7                   |                                     |
| Subtotal                                | 5,996             | 1,976                         | 0.38                                   | 6,746                         | 1.70                              | 401                            | 44.33              | 3.6                             | 2,312                                    | 0.34  | 46.1                                     | -90.1                   |                                     |

## EU CR6\_part 3: IRB approach – Credit risk exposures by exposure class and PD range

|                                    | a                 | b                             | c                                      | d                             | e                                 | f                              | g                  | h                               | i  | j   | k  | l                       | m                                   |
|------------------------------------|-------------------|-------------------------------|--|-------------------------------|-----------------------------------|--------------------------------|--------------------|---------------------------------|--|---|--|-------------------------|-------------------------------------|
| A-IRB                              | PD scale          | On-balance sheet exposures €m | Off-balance sheet exposures pre-CCF €m | Exposure weighted average CCF | Exposure post CCF and post CRM €m | Exposure weighted average PD % | Number of obligors | Exposure weighted average LGD % | Exposure weighted average maturity years | Risk weighted exposure amount after supporting factors €m | Density of risk weighted exposure amount | Expected loss amount €m | Value adjustments and provisions €m |
| Corporates, thereof other          | 0.00 to < 0.15    | 11,877                        | 40,798                                 | 0.40                          | 26,756                            | 0.09                           | 5,631              | 39.49                           | 7.4                                      | 6,272   | 0.23                                     | 9.9                     | -4.4                                |
|                                    | 0.00 to <0.10     | 6,383                         | 21,413                                 | 0.40                          | 14,448                            | 0.05                           | 2,705              | 39.29                           | 7.6                                      | 2,426   | 0.17                                     | 3.2                     | -1.5                                |
|                                    | 0.10 to <0.15     | 5,494                         | 19,385                                 | 0.40                          | 12,308                            | 0.13                           | 2,926              | 39.72                           | 7.1                                      | 3,846   | 0.31                                     | 6.7                     | -2.9                                |
|                                    | 0.15 to < 0.25    | 8,779                         | 26,857                                 | 0.37                          | 18,488                            | 0.19                           | 5,894              | 39.04                           | 5.6                                      | 6,948   | 0.38                                     | 15.5                    | -6.7                                |
|                                    | 0.25 to < 0.50    | 15,326                        | 28,113                                 | 0.36                          | 24,144                            | 0.35                           | 10,237             | 38.83                           | 5.4                                      | 12,284  | 0.51                                     | 39.8                    | -15.2                               |
|                                    | 0.50 to < 0.75    | 5,708                         | 12,275                                 | 0.34                          | 8,872                             | 0.60                           | 5,424              | 38.99                           | 6.6                                      | 6,023   | 0.68                                     | 25.1                    | -13.7                               |
|                                    | 0.75 to < 2.50    | 8,930                         | 11,194                                 | 0.34                          | 9,067                             | 1.30                           | 9,261              | 38.13                           | 3.9                                      | 7,705   | 0.85                                     | 402.3                   | -28.6                               |
|                                    | 0.75 to <1.75     | 5,666                         | 8,836                                  | 0.34                          | 7,237                             | 1.12                           | 6,507              | 38.52                           | 4.2                                      | 6,009   | 0.83                                     | 385.4                   | -18.2                               |
|                                    | 1.75 to <2.50     | 3,264                         | 2,358                                  | 0.36                          | 1,830                             | 2.01                           | 2,754              | 36.56                           | 2.5                                      | 1,697   | 0.93                                     | 17.0                    | -10.4                               |
|                                    | 2.50 to 10.00     | 2,886                         | 2,144                                  | 0.38                          | 3,246                             | 4.04                           | 4,418              | 36.97                           | 2.9                                      | 3,806   | 1.17                                     | 82.8                    | -49.6                               |
|                                    | 2.5 to <5         | 2,224                         | 1,574                                  | 0.40                          | 2,556                             | 3.27                           | 3,361              | 37.23                           | 2.6                                      | 2,809   | 1.10                                     | 47.9                    | -34.8                               |
|                                    | 5 to <10          | 662                           | 570                                    | 0.34                          | 690                               | 6.90                           | 1,057              | 35.99                           | 3.8                                      | 997   | 1.45                                     | 34.9                    | -14.8                               |
|                                    | 10.00 to < 100.00 | 1,676                         | 491                                    | 0.34                          | 1,115                             | 27.09                          | 1,624              | 31.31                           | 2.9                                      | 1,757   | 1.58                                     | 190.0                   | -323.4                              |
|                                    | 10 to <20         | 685                           | 312                                    | 0.38                          | 557                               | 14.05                          | 578                | 38.26                           | 2.1                                      | 1,035   | 1.86                                     | 52.6                    | -15.1                               |
|                                    | 20 to <30         | 241                           | 141                                    | 0.25                          | 262                               | 22.78                          | 200                | 39.29                           | 2.3                                      | 582   | 2.22                                     | 32.5                    | -16.0                               |
|                                    | 30 to <100        | 750                           | 38                                     | 0.29                          | 296                               | 55.39                          | 846                | 11.21                           | 4.9                                      | 140   | 0.47                                     | 104.8                   | -292.2                              |
| 100.00 (default)                   | 1,833             | 682                           | 0.32                                   | 1,733                         | 100.00                            | 1,301                          | 52.26              | 4.3                             | 1,094                                    | 0.63  | 1,019.4                                  | -1,192.5                |                                     |
| Subtotal                           |                   | 57,014                        | 122,555                                | 0.37                          | 93,420                            | 2.65                           | 43,790             | 39.10                           | 5.8                                      | 45,889  | 0.49                                     | 1,784.8                 | -1,634.1                            |
| Retail secured by mortgages / SMEs | 0.00 to < 0.15    | 6,365                         | 47                                     | 1.00                          | 6,412                             | 0.06                           | 41,644             | 14.06                           |  | 109   | 0.02                                     | 0.5                     | -0.6                                |
|                                    | 0.00 to <0.10     | 5,309                         | 37                                     | 1.00                          | 5,346                             | 0.04                           | 34,381             | 14.02                           |  | 74  | 0.01                                     | 0.3                     | -0.3                                |
|                                    | 0.10 to <0.15     | 1,056                         | 10                                     | 0.99                          | 1,066                             | 0.12                           | 7,263              | 14.23                           |  | 34  | 0.03                                     | 0.2                     | -0.2                                |
|                                    | 0.15 to < 0.25    | 2,200                         | 17                                     | 0.97                          | 2,216                             | 0.20                           | 15,262             | 14.50                           |  | 107   | 0.05                                     | 0.7                     | -0.8                                |
|                                    | 0.25 to < 0.50    | 3,554                         | 39                                     | 1.00                          | 3,592                             | 0.35                           | 21,770             | 15.41                           |  | 274   | 0.08                                     | 2.0                     | -2.7                                |
|                                    | 0.50 to < 0.75    | 1,099                         | 25                                     | 1.07                          | 1,126                             | 0.60                           | 7,054              | 17.13                           |  | 140   | 0.12                                     | 1.2                     | -2.5                                |
|                                    | 0.75 to < 2.50    | 1,181                         | 30                                     | 1.13                          | 1,215                             | 1.30                           | 8,322              | 17.00                           |  | 248   | 0.20                                     | 2.7                     | -8.6                                |
|                                    | 0.75 to <1.75     | 963                           | 27                                     | 1.08                          | 992                               | 1.14                           | 6,724              | 16.81                           |  | 184   | 0.19                                     | 1.9                     | -6.0                                |
|                                    | 1.75 to <2.50     | 218                           | 3                                      | 1.62                          | 223                               | 2.02                           | 1,598              | 17.84                           |  | 64  | 0.29                                     | 0.8                     | -2.6                                |
|                                    | 2.50 to 10.00     | 346                           | 3                                      | 1.62                          | 350                               | 5.17                           | 2,036              | 17.61                           |  | 166   | 0.47                                     | 3.2                     | -6.2                                |
|                                    | 2.5 to <5         | 193                           | 3                                      | 1.58                          | 197                               | 3.46                           | 1,309              | 17.96                           |  | 78  | 0.39                                     | 1.2                     | -3.1                                |
|                                    | 5 to <10          | 153                           | 0                                      | 2.05                          | 153                               | 7.36                           | 727                | 17.16                           |  | 88  | 0.57                                     | 1.9                     | -3.0                                |
|                                    | 10.00 to < 100.00 | 126                           | 1                                      | 0.92                          | 126                               | 26.19                          | 884                | 16.54                           |  | 90  | 0.72                                     | 5.3                     | -7.4                                |
|                                    | 10 to <20         | 51                            | 0                                      | 0.95                          | 51                                | 13.65                          | 388                | 17.96                           |  | 38  | 0.74                                     | 1.3                     | -2.1                                |
|                                    | 20 to <30         | 41                            | 0                                      | 0.85                          | 41                                | 25.51                          | 244                | 15.09                           |  | 29  | 0.71                                     | 1.6                     | -3.0                                |
|                                    | 30 to <100        | 34                            | 0                                      | 0.86                          | 34                                | 45.63                          | 252                | 16.15                           |  | 23  | 0.68                                     | 2.5                     | -2.3                                |
| 100.00 (default)                   | 160               | 0                             | 0.22                                   | 160                           | 100.00                            | 1,252                          | 25.07              |                                 | 184                                      | 1.15  | 31.9                                     | -27.4                   |                                     |
| Subtotal                           |                   | 15,032                        | 163                                    | 1.04                          | 15,199                            | 1.68                           | 98,224             | 15.12                           |  | 1,317   | 0.09                                     | 47.4                    | -56.0                               |

## EU CR6\_part 4: IRB approach – Credit risk exposures by exposure class and PD range

|  | a                 | b                                | c   | d                             | e                                    | f                                 | g                  | h                                  | i   | j  | k  | l                          | m                                      |
|--|-------------------|----------------------------------|---|-------------------------------|--------------------------------------|-----------------------------------|--------------------|------------------------------------|---|--|--|----------------------------|--|
| A-IRB                                  | PD scale          | On-balance sheet exposures<br>€m | Off-balance sheet exposures pre-CCF<br>€m | Exposure weighted average CCF | Exposure post CCF and post CRM<br>€m | Exposure weighted average PD<br>% | Number of obligors | Exposure weighted average LGD<br>% | Exposure weighted average maturity<br>years | Risk weighted exposure amount after supporting factors<br>€m | Density of risk weighted exposure amount | Expected loss amount<br>€m | Value adjustments and provisions<br>€m |
| Retail secured by mortgages / non-SMEs | 0.00 to < 0.15    | 35,239                           | 457                                       | 0.86                          | 35,633                               | 0.05                              | 356,679            | 16.33                              |   | 927  | 0.03                                     | 3.3                        | -3.5                                   |
|  | 0.00 to <0.10     | 29,379                           | 344                                       | 0.85                          | 29,671                               | 0.04                              | 288,047            | 16.26                              |   | 628  | 0.02                                     | 2.1                        | -2.2                                   |
|  | 0.10 to <0.15     | 5,860                            | 112                                       | 0.91                          | 5,962                                | 0.13                              | 68,632             | 16.65                              |   | 300  | 0.05                                     | 1.2                        | -1.3                                   |
|  | 0.15 to < 0.25    | 16,098                           | 172                                       | 0.96                          | 16,263                               | 0.20                              | 163,516            | 15.55                              |   | 1,091  | 0.07                                     | 5.1                        | -4.9                                   |
|  | 0.25 to < 0.50    | 19,889                           | 191                                       | 0.96                          | 20,073                               | 0.34                              | 152,574            | 16.43                              |   | 2,063  | 0.10                                     | 11.2                       | -14.2                                  |
|  | 0.50 to < 0.75    | 3,830                            | 45  | 0.97                          | 3,874                                | 0.59                              | 30,165             | 17.35                              |   | 629  | 0.16                                     | 4.0                        | -8.6                                   |
|  | 0.75 to < 2.50    | 2,868                            | 26  | 0.98                          | 2,894                                | 1.29                              | 25,696             | 16.82                              |   | 756  | 0.26                                     | 6.3                        | -24.8                                  |
|  | 0.75 to <1.75     | 2,320                            | 23  | 0.97                          | 2,343                                | 1.11                              | 21,102             | 16.81                              |   | 560  | 0.24                                     | 4.4                        | -16.8                                  |
|  | 1.75 to <2.50     | 548                              | 3   | 1.07                          | 551                                  | 2.05                              | 4,594              | 16.83                              |   | 196  | 0.36                                     | 1.9                        | -8.0                                   |
|  | 2.50 to 10.00     | 761                              | 3   | 0.91                          | 763                                  | 5.02                              | 7,641              | 17.26                              |   | 451  | 0.59                                     | 6.6                        | -16.5                                  |
|  | 2.5 to <5         | 453                              | 2   | 0.94                          | 455                                  | 3.54                              | 4,533              | 17.16                              |   | 226  | 0.50                                     | 2.7                        | -8.4                                   |
|  | 5 to <10          | 308                              | 1   | 0.85                          | 309                                  | 7.20                              | 3,108              | 17.41                              |   | 225  | 0.73                                     | 3.9                        | -8.1                                   |
|  | 10.00 to < 100.00 | 425                              | 0   | 0.60                          | 425                                  | 25.14                             | 4,992              | 17.94                              |   | 434  | 1.02                                     | 19.1                       | -20.7                                  |
|  | 10 to <20         | 178                              | 0   | 0.70                          | 178                                  | 13.99                             | 2,154              | 18.65                              |   | 182  | 1.02                                     | 4.6                        | -6.4                                   |
|  | 20 to <30         | 139                              | 0   | 0.54                          | 139                                  | 23.83                             | 1,566              | 17.24                              |   | 148  | 1.06                                     | 5.7                        | -6.7                                   |
| 30 to <100                             | 107               | 0                                | 0.46                                      | 107                           | 45.36                                | 1,272                             | 17.67              |                                    | 104   | 0.97   | 8.7                                      | -7.5                       |  |
| 100.00 (default)                       | 376               | 0                                | 0.31                                      | 376                           | 100.00                               | 4,483                             | 33.93              |                                    | 384   | 1.02   | 109.6                                    | -100.6                     |  |
| Subtotal                               |                   | 79,487                           | 895                                       | 0.91                          | 80,301                               | 0.87                              | 745,746            | 16.36                              |   | 6,735  | 0.08                                     | 165.3                      | -193.8                                 |
| Retail qualifying revolving            | 0.00 to < 0.15    | 239                              | 10,523                                    | 0.74                          | 8,071                                | 0.04                              | 2,565,445          | 65.59                              |   | 157  | 0.02                                     | 2.2                        | -1.4                                   |
|  | 0.00 to <0.10     | 205                              | 9,939                                     | 0.74                          | 7,601                                | 0.04                              | 2,345,827          | 65.69                              |   | 135  | 0.02                                     | 1.8                        | -1.1                                   |
|  | 0.10 to <0.15     | 34                               | 583                                       | 0.75                          | 470                                  | 0.12                              | 219,618            | 63.99                              |   | 23   | 0.05                                     | 0.4                        | -0.3                                   |
|  | 0.15 to < 0.25    | 74                               | 782                                       | 0.72                          | 640                                  | 0.20                              | 322,946            | 62.09                              |   | 46   | 0.07                                     | 0.8                        | -0.8                                   |
|  | 0.25 to < 0.50    | 183                              | 1,297                                     | 0.72                          | 1,122                                | 0.36                              | 569,080            | 64.44                              |   | 133  | 0.12                                     | 2.6                        | -2.7                                   |
|  | 0.50 to < 0.75    | 119                              | 378                                       | 0.75                          | 400                                  | 0.61                              | 216,549            | 65.22                              |   | 73   | 0.18                                     | 1.6                        | -2.1                                   |
|  | 0.75 to < 2.50    | 428                              | 614                                       | 0.75                          | 887                                  | 1.39                              | 516,622            | 66.78                              |   | 311  | 0.35                                     | 8.3                        | -12.9                                  |
|  | 0.75 to <1.75     | 294                              | 497                                       | 0.75                          | 665                                  | 1.17                              | 385,470            | 66.59                              |   | 205  | 0.31                                     | 5.2                        | -7.9                                   |
|  | 1.75 to <2.50     | 135                              | 117                                       | 0.75                          | 222                                  | 2.06                              | 131,152            | 67.34                              |   | 107  | 0.48                                     | 3.1                        | -4.9                                   |
|  | 2.50 to 10.00     | 330                              | 182                                       | 0.76                          | 468                                  | 4.93                              | 268,572            | 68.56                              |   | 409  | 0.88                                     | 15.8                       | -21.4                                  |
|  | 2.5 to <5         | 200                              | 121                                       | 0.75                          | 291                                  | 3.57                              | 170,033            | 68.43                              |   | 209  | 0.72                                     | 7.1                        | -10.5                                  |
|  | 5 to <10          | 130                              | 60  | 0.78                          | 177                                  | 7.17                              | 98,539             | 68.77                              |   | 200  | 1.13                                     | 8.7                        | -10.9                                  |
|  | 10.00 to < 100.00 | 102                              | 50  | 0.75                          | 139                                  | 21.46                             | 73,918             | 68.46                              |   | 247  | 1.78                                     | 20.3                       | -14.6                                  |
|  | 10 to <20         | 67                               | 29  | 0.77                          | 89                                   | 13.31                             | 50,508             | 68.75                              |   | 143  | 1.60                                     | 8.2                        | -7.2                                   |
|  | 20 to <30         | 19                               | 6   | 0.74                          | 23                                   | 24.16                             | 12,482             | 68.58                              |   | 49   | 2.08                                     | 3.9                        | -2.7                                   |
| 30 to <100                             | 16                | 15                               | 0.70                                      | 26                            | 46.60                                | 10,928                            | 67.39              |                                    | 56  | 2.11   | 8.3                                      | -4.8                       |  |
| 100.00 (default)                       | 97                | 5                                | 0.25                                      | 98                            | 100.00                               | 30,473                            | 67.79              |                                    | 104   | 1.05   | 62.8                                     | -59.4                      |  |
| Subtotal                               |                   | 1,573                            | 13,830                                    | 0.74                          | 11,825                               | 1.48                              | 4,563,605          | 65.54                              |   | 1,480  | 0.13                                     | 114.4                      | -115.4                                 |



## EU CR6\_part 5: IRB approach – Credit risk exposures by exposure class and PD range

|                        | a                 | b                             | c                                      | d                             | e                                 | f                              | g                  | h                               | i  | j   | k  | l                       | m                                   |
|------------------------|-------------------|-------------------------------|--|-------------------------------|-----------------------------------|--------------------------------|--------------------|---------------------------------|--|---|--|-------------------------|-------------------------------------|
| A-IRB                  | PD scale          | On-balance sheet exposures €m | Off-balance sheet exposures pre-CCF €m | Exposure weighted average CCF | Exposure post CCF and post CRM €m | Exposure weighted average PD % | Number of obligors | Exposure weighted average LGD % | Exposure weighted average maturity years | Risk weighted exposure amount after supporting factors €m | Density of risk weighted exposure amount | Expected loss amount €m | Value adjustments and provisions €m |
| Retail other / SME     | 0.00 to < 0.15    | 3,040                         | 3,343                                  | 0.62                          | 5,091                             | 0.07                           | 205,145            | 35.55                           |  | 274   | 0.05                                     | 1.3                     | -1.4                                |
|                        | 0.00 to <0.10     | 2,379                         | 2,320                                  | 0.63                          | 3,829                             | 0.05                           | 154,509            | 34.10                           |  | 154   | 0.04                                     | 0.7                     | -0.5                                |
|                        | 0.10 to <0.15     | 661                           | 1,023                                  | 0.60                          | 1,262                             | 0.13                           | 50,636             | 39.93                           |  | 120   | 0.09                                     | 0.6                     | -0.9                                |
|                        | 0.15 to < 0.25    | 977                           | 1,814                                  | 0.53                          | 1,883                             | 0.20                           | 91,860             | 43.30                           |  | 264   | 0.14                                     | 1.6                     | -1.5                                |
|                        | 0.25 to < 0.50    | 2,361                         | 2,399                                  | 0.54                          | 3,551                             | 0.36                           | 173,642            | 38.85                           |  | 660   | 0.19                                     | 4.9                     | -5.1                                |
|                        | 0.50 to < 0.75    | 1,470                         | 1,129                                  | 0.56                          | 2,041                             | 0.62                           | 108,097            | 38.13                           |  | 522   | 0.26                                     | 4.8                     | -7.5                                |
|                        | 0.75 to < 2.50    | 3,646                         | 1,921                                  | 0.56                          | 4,552                             | 1.37                           | 241,404            | 41.37                           |  | 1,756   | 0.39                                     | 26.1                    | -37.2                               |
|                        | 0.75 to <1.75     | 2,841                         | 1,547                                  | 0.56                          | 3,562                             | 1.18                           | 184,089            | 40.57                           |  | 1,290   | 0.36                                     | 17.2                    | -24.4                               |
|                        | 1.75 to <2.50     | 805                           | 373                                    | 0.58                          | 990                               | 2.05                           | 57,315             | 44.24                           |  | 466   | 0.47                                     | 8.9                     | -12.8                               |
|                        | 2.50 to 10.00     | 1,827                         | 684                                    | 0.49                          | 2,098                             | 4.80                           | 128,115            | 44.40                           |  | 1,137   | 0.54                                     | 44.2                    | -69.2                               |
|                        | 2.5 to <5         | 1,142                         | 552                                    | 0.46                          | 1,351                             | 3.53                           | 85,328             | 44.55                           |  | 705   | 0.52                                     | 20.9                    | -33.5                               |
|                        | 5 to <10          | 685                           | 132                                    | 0.63                          | 747                               | 7.10                           | 42,787             | 44.15                           |  | 432   | 0.58                                     | 23.3                    | -35.8                               |
|                        | 10.00 to < 100.00 | 606                           | 71                                     | 0.52                          | 621                               | 21.98                          | 34,902             | 39.83                           |  | 450   | 0.72                                     | 53.9                    | -58.4                               |
|                        | 10 to <20         | 344                           | 53                                     | 0.49                          | 356                               | 13.71                          | 21,029             | 41.62                           |  | 238   | 0.67                                     | 19.7                    | -26.2                               |
|                        | 20 to <30         | 150                           | 8                                      | 0.58                          | 152                               | 23.73                          | 7,804              | 34.67                           |  | 114   | 0.75                                     | 12.7                    | -14.0                               |
|                        | 30 to <100        | 111                           | 11                                     | 0.59                          | 112                               | 45.82                          | 6,069              | 41.15                           |  | 98  | 0.87                                     | 21.5                    | -18.2                               |
|                        | 100.00 (default)  | 545                           | 38                                     | 0.38                          | 523                               | 100.00                         | 33,416             | 61.26                           |  | 464   | 0.89                                     | 311.3                   | -279.7                              |
| Subtotal               | 14,473            | 11,398                        | 0.56                                   | 20,361                        | 4.20                              | 1,016,581                      | 40.11              |                                 | 5,527                                    | 0.27  | 448.1                                    | -460.1                  |                                     |
| Retail other / non-SME | 0.00 to < 0.15    | 7,067                         | 1,941                                  | 0.91                          | 8,834                             | 0.05                           | 141,793            | 33.07                           |  | 495   | 0.06                                     | 1.7                     | -2.0                                |
|                        | 0.00 to <0.10     | 6,035                         | 1,432                                  | 0.89                          | 7,303                             | 0.04                           | 113,869            | 31.46                           |  | 293   | 0.04                                     | 0.9                     | -1.2                                |
|                        | 0.10 to <0.15     | 1,032                         | 509                                    | 0.98                          | 1,531                             | 0.13                           | 27,924             | 40.78                           |  | 202   | 0.13                                     | 0.8                     | -0.8                                |
|                        | 0.15 to < 0.25    | 2,517                         | 1,013                                  | 0.99                          | 3,519                             | 0.20                           | 75,215             | 43.67                           |  | 688   | 0.20                                     | 3.3                     | -2.8                                |
|                        | 0.25 to < 0.50    | 3,840                         | 1,264                                  | 0.99                          | 5,088                             | 0.34                           | 164,999            | 44.98                           |  | 1,439   | 0.28                                     | 8.8                     | -8.2                                |
|                        | 0.50 to < 0.75    | 1,073                         | 255                                    | 0.95                          | 1,315                             | 0.61                           | 133,277            | 41.26                           |  | 516   | 0.39                                     | 5.0                     | -5.4                                |
|                        | 0.75 to < 2.50    | 1,654                         | 223                                    | 0.94                          | 1,862                             | 1.34                           | 606,863            | 35.14                           |  | 934   | 0.50                                     | 18.0                    | -20.2                               |
|                        | 0.75 to <1.75     | 1,307                         | 159                                    | 0.95                          | 1,457                             | 1.15                           | 447,261            | 34.33                           |  | 684   | 0.47                                     | 11.9                    | -13.5                               |
|                        | 1.75 to <2.50     | 347                           | 64                                     | 0.91                          | 405                               | 2.03                           | 159,602            | 38.06                           |  | 250   | 0.62                                     | 6.0                     | -6.7                                |
|                        | 2.50 to 10.00     | 579                           | 30                                     | 0.89                          | 604                               | 4.66                           | 291,417            | 41.82                           |  | 471   | 0.78                                     | 24.0                    | -21.0                               |
|                        | 2.5 to <5         | 403                           | 24                                     | 0.90                          | 423                               | 3.69                           | 216,200            | 39.21                           |  | 296   | 0.70                                     | 11.3                    | -11.5                               |
|                        | 5 to <10          | 176                           | 6                                      | 0.87                          | 180                               | 6.95                           | 75,217             | 47.95                           |  | 175   | 0.97                                     | 12.7                    | -9.5                                |
|                        | 10.00 to < 100.00 | 178                           | 4                                      | 0.81                          | 180                               | 25.38                          | 66,502             | 45.90                           |  | 212   | 1.18                                     | 42.0                    | -20.3                               |
|                        | 10 to <20         | 86                            | 1                                      | 0.78                          | 87                                | 13.71                          | 44,146             | 46.19                           |  | 98  | 1.12                                     | 11.3                    | -7.2                                |
|                        | 20 to <30         | 49                            | 1                                      | 0.84                          | 49                                | 24.22                          | 13,199             | 45.10                           |  | 60  | 1.21                                     | 14.3                    | -5.8                                |
|                        | 30 to <100        | 42                            | 2                                      | 0.81                          | 44                                | 50.05                          | 9,157              | 46.24                           |  | 55  | 1.26                                     | 16.4                    | -7.3                                |
|                        | 100.00 (default)  | 255                           | 3                                      | 0.59                          | 257                               | 100.00                         | 63,007             | 55.55                           |  | 266   | 1.04                                     | 150.1                   | -114.5                              |
| Subtotal               | 17,164            | 4,732                         | 0.95                                   | 21,660                        | 1.81                              | 1,543,073                      | 38.88              |                                 | 5,020                                    | 0.23  | 252.7                                    | -194.4                  |                                     |

Table EU CR7 shows the effect of credit derivatives used as CRM techniques on RWA per exposure class as per Article 453 j) CRR as of 30 June 2024. The table shows that Commerzbank does not hold any exposures with a F-IRB approach.

**EU CR7: IRB approach – Effect on the RWEAs of credit derivatives used as CRM techniques:**

| €m        | a  | b                                    |
|-----------|--|--------------------------------------|
|           | Pre-credit derivatives risk weighted exposure amount | Actual risk weighted exposure amount |
| <b>1</b>  | <b>Exposures under F-IRB</b>                         | –                                    |
| 2         | Central governments or central banks                 | –                                    |
| 3         | Institutions   | –                                    |
| 4         | Corporates   | –                                    |
| 4.1       | thereof SMEs   | –                                    |
| 4.2       | thereof specialised lending                          | –                                    |
| <b>5</b>  | <b>Exposures under A-IRB</b>                         | <b>83,821</b>                        |
| 6         | Central governments or central banks                 | 1,040                                |
| 7         | Institutions   | 9,322                                |
| 8         | Corporates   | 53,379                               |
| 8.1       | thereof SMEs   | 4,125                                |
| 8.2       | thereof specialised lending                          | 3,460                                |
| 9         | Retail   | 20,079                               |
| 9.1       | thereof secured by mortgages / SMEs                  | 1,317                                |
| 9.2       | thereof secured by mortgages / non-SMEs              | 6,735                                |
| 9.3       | thereof qualifying revolving                         | 1,480                                |
| 9.4       | thereof other / SME                                  | 5,527                                |
| 9.5       | thereof other / non-SMEs                             | 5,020                                |
| <b>10</b> | <b>Total</b>   | <b>83,821</b>                        |

Table EU CR7-A shows pro rata the various hedges of the total risk position by exposure classes according to Article 453 g) CRR as of 30 June 2024 for the A-IRB portfolio. As Commerzbank does not have any F-IRB positions, a corresponding list is not required.

## EU CR7-A: IRB approach – Disclosure of the extent of the use of CRM technique

|     | a                                       | Credit risk Mitigation techniques                      |  |   |   |  |  |  |  |   |   | Credit risk Mitigation methods in the calculation of RWEAs |  |               |               |
|-----|---|--|--|---|---|--|--|--|--|---|---|--|--|---------------|---------------|
|     |   | b  | c  | Funded credit Protection (FCP)                              |   |  |  | Unfunded credit Protection (UFCP)                        |  | m   | n   |  |  |               |               |
|     |   |  |  | d   | e   | f  | g  | h  | i  |   |   | j  | k  | l             |               |
| €m  | Total exposures                         | Part of exposures covered by Financial Collaterals (%) | Part of exposures covered by collaterals (%) | Part of exposures covered by Other eligible collaterals (%) | Part of exposures covered by Other eligible Receivables (%) | Part of exposures covered by Other physical collateral (%) | Part of exposures covered by Cash on deposit (%) | Part of exposures covered by Life insurance policies (%) | Part of exposures covered by Instruments held by a third party (%) | Part of exposures covered by Guarantees (%) | Part of exposures covered by Credit Derivatives (%) | RWEA without substitution effects (reduction effects only) | RWEA with substitution effects (both reduction and Substitution effects) |               |               |
| 1   | Central governments or central banks    | 1,197  | –  | 0.32  | 0.32  | –  | –  | –  | –  | –   | –   | –  | –  | 1,038         | 1,040         |
| 2   | Institutions                            | 35,302   | 3.12   | –   | 0.05  | 0.19   | 0.58   | –  | –  | –   | –   | –  | –  | 9,132         | 9,343         |
| 3   | Corporates                              | 109,366  | 1.85   | 6.74  | 4.10  | 0.71   | 1.94   | 0.03   | –  | 0.03  | –   | 1.05   | –  | 50,968        | 53,474        |
| 3.1 | thereof SMEs                            | 7,671  | 3.64   | 25.94   | 20.46   | 2.48   | 3.01   | 0.35   | –  | 0.35  | –   | 11.63  | –  | 4,157         | 4,125         |
| 3.2 | thereof specialised lending             | 8,419  | 0.00   | 8.94  | 8.91  | 0.03   | –  | –  | –  | –   | –   | –  | –  | 3,460         | 3,460         |
| 3.3 | thereof other                           | 93,276   | 1.87   | 4.97  | 2.32  | 0.62   | 2.02   | 0.01   | –  | 0.01  | –   | 0.27   | –  | 43,351        | 45,889        |
| 4   | Retail                                  | 149,346  | 1.76   | 50.87   | 50.79   | 0.04   | 0.04   | 0.39   | –  | 0.39  | –   | –  | –  | 19,706        | 20,079        |
| 4.1 | thereof secured by mortgages / SMEs     | 15,199   | 1.23   | 67.83   | 67.83   | –  | –  | 0.69   | –  | 0.69  | –   | –  | –  | 1,317         | 1,317         |
| 4.2 | thereof secured by mortgages / non-SMEs | 80,301   | 1.31   | 70.80   | 70.80   | –  | –  | 0.30   | –  | 0.30  | –   | –  | –  | 6,735         | 6,735         |
| 4.3 | thereof qualifying revolving            | 11,825   | –  | –   | –   | –  | –  | –  | –  | –   | –   | –  | –  | 1,480         | 1,480         |
| 4.4 | thereof other / SME                     | 20,361   | 3.38   | 17.96   | 17.37   | 0.27   | 0.32   | 0.59   | –  | 0.59  | –   | –  | –  | 5,557         | 5,527         |
| 4.5 | thereof other / non-SMEs                | 21,660   | 3.24   | 23.78   | 23.78   | –  | –  | 0.51   | –  | 0.51  | –   | –  | –  | 4,617         | 5,020         |
| 5   | <b>Total</b>                            | <b>295,211</b>   | <b>1.95</b>                                  | <b>28.33</b>  | <b>27.22</b>  | <b>0.30</b>  | <b>0.81</b>                                      | <b>0.21</b>  | <b>–</b>   | <b>0.21</b>                                 | <b>–</b>  | <b>0.39</b>  | <b>–</b>   | <b>80,844</b> | <b>83,937</b> |

Table EU CR8 below shows the changes in the RWA of credit risk exposures in the IRBA portfolio of Commerzbank Group between 31 March 2024 and 30 June 2024. The decrease in RWA from credit risks in the second quarter of 2024 is mainly due to parameter effects (Asset quality), including a buffer resolution from anticipating expected model adjustment effects in the context of "Future of IRB"

(Methodology and policy). Opposite effects result mainly from volume effects (Asset size).

Table EU CR8 shows the information according to Article 438 h) CRR as at 30 June 2024:

#### EU CR8: RWA flow statements of credit risk exposures under the IRB approach

| €m       |   | a                                   |
|----------|---|-------------------------------------|
|          |   | Risk-weighted exposure amount (RWA) |
| <b>1</b> | <b>RWA as at the end of the previous reporting period</b> | <b>96,783</b>                       |
| 2        | Asset size  | 1,335                               |
| 3        | Asset quality   | - 640                               |
| 4        | Model updates   | -                                   |
| 5        | Methodology and policy                                    | - 1,100                             |
| 6        | Acquisitions and disposals                                | -                                   |
| 7        | Foreign exchange movements                                | 140                                 |
| 8        | Other   | - 190                               |
| <b>9</b> | <b>RWA as at the end of the current reporting period</b>  | <b>96,327</b>                       |

In the following we show the portfolios with the simple risk-weight approach. The technical implementation standards provide for a subdivision into Specialised lending: Project finance (slotting approach), Income-producing real estate and high volatility commercial real estate (slotting approach), object finance (slotting approach) as well as commodities finance (slotting approach) and

equity exposures under the simple risk-weighted approach. For Commerzbank only the special financing of real estate is relevant as part of the slotting approach, so only Table EU CR10.2 is shown.

Table EU CR10.2 shows the information referred to in Article 438e) CRR as at 30 June 2024:

#### EU CR10.2: Specialised lending: Income-producing real estate and high volatility commercial real estate (Slotting approach)

| €m                    |  | a                       | b                        | c           | d               | e          | f             |
|-----------------------|--|-------------------------|--------------------------|-------------|-----------------|------------|---------------|
| Regulatory categories | Remaining maturity                     | On-balance-sheet amount | Off-balance-sheet amount | Risk weight | Exposure amount | RWAs       | Expected loss |
| Category 1            | Less than 2.5 years                    | 4                       | 2                        | 50%         | 5               | 2          | -             |
|                       | Equal to or more than 2.5 years        | 63                      | -                        | 70%         | 63              | 37         | 0             |
| Category 2            | Less than 2.5 years                    | 425                     | 282                      | 70%         | 525             | 325        | 2             |
|                       | Equal to or more than 2.5 years        | 757                     | 21                       | 90%         | 768             | 603        | 6             |
| Category 3            | Less than 2.5 years                    | 120                     | 9                        | 115%        | 123             | 120        | 3             |
|                       | Equal to or more than 2.5 years        | 77                      | -                        | 115%        | 77              | 73         | 2             |
| Category 4            | Less than 2.5 years                    | -                       | -                        | 250%        | -               | -          | -             |
|                       | Equal to or more than 2.5 years        | -                       | -                        | 250%        | -               | -          | -             |
| Category 5            | Less than 2.5 years                    | 93                      | -                        | -           | 93              | -          | 47            |
|                       | Equal to or more than 2.5 years        | 33                      | 0                        | -           | 33              | -          | 16            |
| <b>Total</b>          | <b>Less than 2.5 years</b>             | <b>643</b>              | <b>293</b>               |             | <b>746</b>      | <b>447</b> | <b>52</b>     |
|                       | <b>Equal to or more than 2.5 years</b> | <b>930</b>              | <b>21</b>                |             | <b>941</b>      | <b>713</b> | <b>25</b>     |

## Loan loss provisions for default risks

The tables on loan loss provisions below show the gross carrying values of all risk positions in default and not in default in the IFRS categories AC and FVOCI, including the associated stock of credit risk adjustments, the credit risk adjustment charges in the first half of 2024 as well as the accumulated write-offs.

The gross carrying values for risk positions not in default also include loans that are past due by at least one day up to 90 days but are not defined as in default by virtue of the minimum threshold (1.0% of the limit or €100 in the retail business and €500 in the individual business).

Commerzbank uses its definition of default in accordance with Article 178 CRR and the supplementary EBA guideline (EBA/GL/2016/07 from 18.1.2017 on the application of the default definition in accordance with Article 178 of Regulation (EU) No 575/2013) as the criterion for default. Pursuant to section 315a.1 of the German Commercial Code, Commerzbank Group issues consolidated financial statements based on International Financial Reporting Standards (IFRS). Credit risk mitigation techniques applicable to mitigate risks for the purpose of determining the capital requirement are not relevant for the determination of the claim amount in terms of accounting.

The following information is mainly broken down by risk position classes. The breakdown by country and industries is shown in tables CQ4 and CQ5. The following definitions are used:

- Pursuant to the criteria of the EBA (most recently confirmed in EBA/OP/2017/02), specific credit risk adjustments include the following positions:
  - As general credit risk adjustments as defined in EU183/2014, the secondary effects TLA amounts to €336m.
  - The sum of Lifetime Expected Credit Loss (LECL) for significant claims in default, determined on the basis of individual cash flow estimates, taking into account various possible scenarios (loan loss provision stage 3 on-balance and off-balance, significant).

- LECL for non-significant exposures in default, transaction-based determined on the basis of statistical risk parameters (stage 3 on balance and off balance, non-significant)
- LECL for on- and off-balance exposures not in default showing a significant increase in credit risk as according to IFRS9 (stage 2 on- and off-balance) and ECL for on- and off-balance exposures not in default and not showing a significant increase in credit risk as according to IFRS9 (stage 1 on- and off-balance).
- There are no general credit risk adjustments pursuant to the EBA's definition mentioned above.
- The column accumulated write-offs is the balance of write-ups and write-downs

The following section contains an overview of the total portfolio, which is subject to default from credit risk and various further evaluations according to the specifications of EBA ITS 2020/04.

Instruments with counterparty credit risk are not opposed to this chapter. The disclosure is carried out separately in the section default risk from counterparty credit risk.

The following tables also do not contain synthetic or true-sale securitisation positions of Commerzbank with a regulatory recognized risk transfer in accordance with Articles 244 and 245 of the CRR, nor do they contain any securitisation positions from the sponsor or investor business. These items are shown in the separate chapter securitisations.

The gross carrying value of the defaulted risk positions is at €5.3bn as at 30 June 2024 (December 2023: €5.0bn). Further information on this is given in the Interim Report as at 30 June 2024 in the chapter "Default risk". In addition to the loan loss provisions presented in the tables, the gross carrying values are also offset by collateral, which is taken into account accordingly in the calculation of the expected credit loss (specific credit risk adjustments).

The breakdown by gross carrying values reflects the Commerzbank Group's focus on Germany and selected markets throughout Europe. This means that the vast majority of the expected credit loss and the loan loss provisions, respectively, are attributable to borrowers based in these regions.

Commerzbank does not display table CQ7 on foreclosed assets, which is also required in the above-mentioned EBA guidelines, as it currently has no foreclosed assets in stock.

The following table EU CR1 shows the risk positions divided into performing and non-performing exposures, separated by the type of debt securities (Cash balances at central banks and other demand deposits, loans and advances, debt securities and off-balance

sheet exposure) and their counterparties as defined in Article 442 c) and f) CRR as at 30 June 2024:

#### EU CR1 part 1: Performing and non-performing exposures and related provisions

|   | a               | b               | c             | d               | e               | f            | g               | h               | i           | j               | k               | l             | m           | n                                      |              | o |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
|---|-----------------|-----------------|---------------|-----------------|-----------------|--------------|-----------------|-----------------|-------------|-----------------|-----------------|---------------|-------------|--|--------------|---|--------------------------|--|--|--|--|--|---|--|--|--------------------------------|---|-----------------------------|--|
|   |                 |                 |               |                 |                 |              |                 |                 |             |                 |                 |               |             | Gross carrying amount / nominal amount |              |   |                          |  |  | Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions |  |  |   |  |  | Accumulated partial write-offs | Collaterals and financial guarantees received |                             |  |
|   |                 |                 |               |                 |                 |              |                 |                 |             |                 |                 |               |             | Performing Portfolio                   |              |   | Non-performing Portfolio |  |  | Performing Portfolio - accumulated impairment and provisions   |  |  | Non-performing exposures - accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions |  |  |                                | On performing exposures                       | On non-performing exposures |  |
| €m  | thereof Stage 1 | thereof Stage 2 |               | thereof Stage 2 | thereof Stage 3 |              | thereof Stage 1 | thereof Stage 2 |             | thereof Stage 2 | thereof Stage 3 |               |             |  |              |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| <b>Cash balances at central banks and other demand deposits</b> | <b>103,035</b>  | <b>102,821</b>  | <b>214</b>    | -               | -               | -            | -14             | -               | -14         | -               | -               | -             |             | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| <b>010 Loans and advances</b>                                   | <b>335,496</b>  | <b>246,933</b>  | <b>30,179</b> | <b>4,436</b>    | -               | <b>4,119</b> | <b>-1,116</b>   | <b>-281</b>     | <b>-832</b> | <b>-2,330</b>   | -               | <b>-2,245</b> | <b>-879</b> | <b>179,652</b>                         | <b>1,347</b> |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 020 Central banks   | 7,054           | 1,818           | -             | -               | -               | -            | -1              | -1              | -           | -               | -               | -             | -           | 6,649                                  | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 030 Central governments   | 16,318          | 16,188          | 130           | 153             | -               | 138          | -3              | -2              | -1          | -10             | -               | -6            | -           | 946                                    | 123          |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 040 Credit institutions   | 44,028          | 18,827          | 589           | 61              | -               | 57           | -17             | -12             | -5          | -17             | -               | -17           | -1          | 28,933                                 | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 050 Other financial corporations                                | 42,269          | 13,817          | 827           | 58              | -               | 53           | -11             | -5              | -6          | -13             | -               | -13           | -1          | 29,862                                 | 1            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 060 Non-financial corporations                                  | 96,472          | 77,735          | 17,923        | 3,004           | -               | 2,767        | -606            | -138            | -467        | -1,766          | -               | -1,700        | -534        | 32,468                                 | 771          |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 070 thereof SMEs  | 27,020          | 22,573          | 4,363         | 1,155           | -               | 1,079        | -252            | -68             | -183        | -545            | -               | -544          | -165        | 13,070                                 | 322          |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 080 Households  | 129,355         | 118,547         | 10,710        | 1,160           | -               | 1,103        | -478            | -124            | -353        | -523            | -               | -509          | -344        | 80,794                                 | 451          |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| <b>090 Debt securities</b>                                      | <b>97,976</b>   | <b>93,582</b>   | <b>1,702</b>  | <b>18</b>       | -               | <b>18</b>    | <b>-71</b>      | <b>-29</b>      | <b>-42</b>  | <b>-4</b>       | -               | <b>-4</b>     | -           | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 100 Central banks   | 4,117           | 3,422           | -             | -               | -               | -            | -1              | -1              | -           | -               | -               | -             | -           | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 110 Central governments   | 29,299          | 28,406          | 474           | -               | -               | -            | -33             | -17             | -16         | -               | -               | -             | -           | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 120 Credit institutions   | 24,254          | 23,222          | 657           | -               | -               | -            | -5              | -3              | -3          | -               | -               | -             | -           | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 130 Other financial corporations                                | 34,863          | 33,639          | 312           | -               | -               | -            | -15             | -3              | -12         | -               | -               | -             | -           | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |
| 140 Non-financial corporations                                  | 5,442           | 4,893           | 259           | 18              | -               | 18           | -18             | -6              | -11         | -4              | -               | -4            | -           | -                                      | -            |   |                          |  |  |  |  |  |   |  |  |                                |   |                             |  |

## EU CR1 part 2: Performing and non-performing exposures and related provisions

| €m  |                              | Gross carrying amount / nominal amount |                |                 |                          |          |                 | Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions |             |                 |   |          |               | Accumulated partial write-offs | Collaterals and financial guarantees received |                             |
|-----|------------------------------|--|----------------|-----------------|--------------------------|----------|-----------------|--|-------------|-----------------|---|----------|---------------|--------------------------------|---|-----------------------------|
|     |                              | Performing Portfolio                   |                |                 | Non-performing Portfolio |          |                 | Performing Portfolio - accumulated impairment and provisions   |             |                 | Non-performing exposures - accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions |          |               |                                | On performing exposures                       | On non-performing exposures |
|     |                              | a                                      | b              | c               | d                        | e        | f               | g  | h           | i               | j   | k        | l             |                                |   |                             |
|     | thereof Stage 1              | thereof Stage 2                        |                | thereof Stage 2 | thereof Stage 3          |          | thereof Stage 1 | thereof Stage 2  |             | thereof Stage 2 | thereof Stage 3   |          |               |                                |   |                             |
| 150 | Off-balance-sheet exposures  | 189,360                                | 122,792        | 18,895          | 860                      | –        | 326             | 274  | 77          | 171             | 199   | –        | 76            |                                | 5,720   | 65                          |
| 160 | Central banks                | –                                      | –              | –               | –                        | –        | –               | –  | –           | –               | –   | –        | –             |                                | 177   | –                           |
| 170 | Central governments          | 1,925                                  | 1,549          | 86              | 91                       | –        | 91              | –  | –           | –               | 1   | –        | 1             |                                | 1   | –                           |
| 180 | Credit institutions          | 9,597                                  | 2,024          | 63              | –                        | –        | –               | 10   | 1           | –               | –   | –        | –             |                                | 781   | –                           |
| 190 | Other financial corporations | 11,331                                 | 8,330          | 446             | 12                       | –        | –               | 4  | 1           | 3               | 5   | –        | 1             |                                | 560   | –                           |
| 200 | Non-financial corporations   | 140,276                                | 85,922         | 17,180          | 739                      | –        | 221             | 201  | 57          | 128             | 186   | –        | 69            |                                | 3,299   | 64                          |
| 210 | Households                   | 26,231                                 | 24,967         | 1,120           | 17                       | –        | 13              | 58   | 18          | 40              | 7   | –        | 6             |                                | 902   | 1                           |
| 220 | <b>Total</b>                 | <b>725,867</b>                         | <b>566,128</b> | <b>50,990</b>   | <b>5,314</b>             | <b>–</b> | <b>4,463</b>    | <b>–1,461</b>  | <b>–387</b> | <b>–1,045</b>   | <b>–2,533</b>   | <b>–</b> | <b>–2,325</b> | <b>–879</b>                    | <b>185,372</b>                                | <b>1,412</b>                |

In accordance with the EBA risk Dash Board's guidance, Commerzbank's NPE rate as at 30 June 2024 was 0.8%.

In Table EU CR1-A, the net exposure value for loans and advances and debt securities is broken down by maturity according to Article 442 g) CRR as at 30 June 2024.

#### EU CR1-A: Maturity of exposures

| €m       |                    | a                             | b             | c                   |                |           | d                     | e     | f |
|----------|--------------------|-------------------------------|---------------|---------------------|----------------|-----------|-----------------------|-------|---|
|          |                    | Can be terminated at any time | <= 1 year     | Net exposure values |                | > 5 years | No specified maturity | Total |   |
|          |                    |                               |               | > 1 year <= 5 years |                |           |                       |       |   |
| 1        | Loans and advances | 33,896                        | 53,429        | 52,831              | 159,702        | –         | 299,857               |       |   |
| 2        | Debt securities    | 102                           | 11,032        | 32,383              | 51,589         | –         | 95,105                |       |   |
| <b>3</b> | <b>Total</b>       | <b>33,997</b>                 | <b>64,460</b> | <b>85,214</b>       | <b>211,291</b> | <b>–</b>  | <b>394,963</b>        |       |   |

Table EU CR2 shows the development of the stock of non-performing loans and advances required under Article 442 f) CRR as at 30 June 2024.

#### EU CR2: Changes in the stock of non-performing loans and advances

| €m         |   | a                   |
|------------|---|---------------------|
|            |   | Exposure at Default |
| <b>010</b> | <b>Initial stock of non-performing loans and advances</b> | <b>4,845</b>        |
| 020        | Inflows to non-performing portfolios                      | 1,434               |
| 030        | Outflows from non-performing portfolios                   | – 120               |
| 040        | Outflows due to write-offs                                | – 272               |
| 050        | Outflow due to other situations                           | – 416               |
| <b>060</b> | <b>Final stock of non-performing loans and advances</b>   | <b>5,471</b>        |



The following table EU CQ1 shows the credit quality of forborne exposures according to Article 442 c) CRR as at 30 June 2024, broken down by the type of debt instruments and its counterparties. The quality is assessed based on the measures initiated – shown for

performing, defaulted and impaired exposures, as well as the provisions and the collateral, provide information on the quality of the forborne portfolio.

#### EU CQ1 Credit quality of forborne exposures

| €m  | a   |                          | b                  |                   | c  |   | d             |              | e   |   | f |   | g |   | h |   |
|-----|---|--------------------------|--------------------|-------------------|--|---|---------------|--------------|---|---|---|---|---|---|---|---|
|     | Gross carrying value of positions with forbearance measures |                          |                    |                   | Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions |   |               |              | Collaterals and financial guarantees received on forborne exposures   |   |   |   |   |   |   |   |
|     | Performing Portfolio  | Non-performing Portfolio |                    |                   | On performing exposures with forbearance measures  | On non-performing exposures with forbearance measures |               |              | Of which collateral and financial guarantees received on non-performing exposures with forbearance measures |   |   |   |   |   |   |   |
|     |   |                          | Of which defaulted | Of which impaired |  |   |               |              |   |   |   |   |   |   |   |   |
| 005 | Cash balances at central banks and other demand deposits    | –                        | –                  | –                 | –  | –   | –             | –            | –   | – | – | – | – | – | – | – |
| 010 | Loans and advances  | 2,749                    | 1,836              | 1,836             | 1,831  | –53   | –1,061        | 1,320        | 480   |   |   |   |   |   |   |   |
| 020 | Central banks   | –                        | –                  | –                 | –  | –   | –             | –            | –   |   |   |   |   |   |   |   |
| 030 | Central governments   | –                        | 29                 | 29                | 29   | –   | –5            | 21           | 21  |   |   |   |   |   |   |   |
| 040 | Credit institutions   | –                        | –                  | –                 | –  | –   | –             | –            | –   |   |   |   |   |   |   |   |
| 050 | Other financial corporations                                | 56                       | 2                  | 2                 | 2  | –1  | –             | 19           | 1   |   |   |   |   |   |   |   |
| 060 | Non-financial corporations                                  | 2,316                    | 1,553              | 1,553             | 1,549  | –42   | –987          | 926          | 339   |   |   |   |   |   |   |   |
| 070 | Households  | 377                      | 251                | 251               | 251  | –10   | –69           | 354          | 119   |   |   |   |   |   |   |   |
| 080 | Debt securities   | –                        | –                  | –                 | –  | –   | –             | –            | –   |   |   |   |   |   |   |   |
| 090 | Loan commitments given                                      | 644                      | 269                | 269               | 269  | 6   | 66            | 22           | 5   |   |   |   |   |   |   |   |
| 100 | <b>Total</b>  | <b>3,393</b>             | <b>2,105</b>       | <b>2,105</b>      | <b>2,100</b>   | <b>–59</b>  | <b>–1,127</b> | <b>1,342</b> | <b>485</b>  |   |   |   |   |   |   |   |

Table EU CQ4 shows the quality of the non-performing exposures by geography according to Article 442 c) and e) CRR as at 30 June 2024. The countries listed in the table account for more than 90% of Commerzbank's total exposure (both balance and off-balance sheet). The remaining countries are summarized in the line "others".

## EU CQ4: Quality of non-performing exposures by geography

| €m         | a  |                | c                  | e                      | f   | g   |
|------------|--|----------------|--------------------|------------------------|---|---|
|            | Gross carrying amount / nominal amount               |                | Of which defaulted | Accumulated impairment | Provisions on off-balance sheet commitments and financial guarantee given | Accumulated negative changes in fair value due to credit risk on non-performing exposures |
| <b>010</b> | <b>On balance sheet exposures</b>                    |                | <b>437,926</b>     | <b>4,454</b>           | <b>-3,503</b>   | <b>-19</b>  |
| 020        | Germany  | 220,645        | 2,261              | -1,872                 |   | -4  |
| 030        | Poland   | 40,277         | 1,156              | -838                   |   | -14   |
| 040        | United States of America                             | 19,620         | 23                 | -29                    |   | -   |
| 050        | United Kingdom of Great Britain and Northern Ireland | 19,247         | 43                 | -34                    |   | 0   |
| 060        | Cayman Islands                                       | 19,028         | -                  | -1                     |   | -   |
| 070        | France   | 15,212         | 7                  | -159                   |   | -   |
| 080        | Luxembourg   | 13,508         | 118                | -57                    |   | -   |
| 090        | Italy  | 11,786         | 15                 | -27                    |   | -   |
| 100        | Ireland  | 8,104          | 0                  | -2                     |   | -   |
| 110        | Spain  | 5,428          | 13                 | -8                     |   | -   |
| 120        | Netherlands  | 4,911          | 4                  | -17                    |   | -   |
| 130        | Japan  | 4,746          | 21                 | -2                     |   | -   |
| 140        | Other international organizations                    | 4,692          | -                  | -1                     |   | -   |
| 150        | Switzerland  | 4,302          | 56                 | -24                    |   | -   |
| 160        | Austria  | 3,959          | 21                 | -12                    |   | -   |
| 170        | Others   | 42,461         | 716                | -419                   |   | 0   |
| <b>180</b> | <b>Off balance sheet exposures</b>                   |                | <b>190,219</b>     | <b>860</b>             | <b>473</b>  |   |
| 190        | Germany  | 110,289        | 576                |                        | 343   |   |
| 200        | United States of America                             | 16,189         | 0                  |                        | 5   |   |
| 210        | Poland   | 9,509          | 45                 |                        | 44  |   |
| 220        | France   | 7,795          | 24                 |                        | 2   |   |
| 230        | Switzerland  | 5,868          | 3                  |                        | 7   |   |
| 240        | United Kingdom of Great Britain and Northern Ireland | 5,387          | 0                  |                        | 2   |   |
| 250        | Netherlands  | 4,624          | 35                 |                        | 9   |   |
| 260        | Spain  | 4,208          | 2                  |                        | 1   |   |
| 270        | Austria  | 2,635          | 0                  |                        | 3   |   |
| 280        | Italy  | 2,381          | 2                  |                        | 2   |   |
| 290        | Luxembourg   | 2,110          | 0                  |                        | 3   |   |
| 300        | Belgium  | 1,804          | -                  |                        | 0   |   |
| 310        | Others   | 17,420         | 172                |                        | 51  |   |
| <b>320</b> | <b>Total</b>   | <b>628,145</b> | <b>5,314</b>       | <b>-3,503</b>          | <b>473</b>  | <b>-19</b>  |

<sup>1</sup> The countries listed in the table cover more than 90 % of Commerzbank's total exposure (both balance sheet and off-balance sheet). The following countries are located in the lines "others": Czechia, Canada, Croatia, Belgium, Singapore, China, Sweden, Bahamas, Korea, Republic of, Norway, Australia, Slovakia, Finland, Turkey, Hong Kong, Egypt, Portugal, Mexico, Bangladesh, United Arab Emirates, Greece, Uzbekistan, Russian Federation, New Zealand, Denmark, Angola, Bermuda, Indonesia, Nigeria, Ecuador, Turkmenistan, India, Brazil, Bangladesh. The remaining countries, each with less than 0.1 % of the total exposure, are not listed here for reasons of materiality.

Table EU CQ5 shows the credit quality of loans and advances by industries according to Article 442 c) and e) CRR as at 30 June 2024:

**EU CQ5: Credit quality of loans and advances by industry**

| €m  | a                     | b                        | c                  | d  | e                      | f   |
|---|-----------------------|--------------------------|--------------------|--|------------------------|---|
|   | Gross carrying amount | of which: non-performing | Of which defaulted | of which: loans and advances subject to impairment | Accumulated impairment | Accumulated negative changes in fair value due to credit risk on non-performing exposures |
| 010 Agriculture, forestry and fishing                             | 686                   | 11                       | 11                 | 685  | -5                     | -   |
| 020 Mining and quarrying  | 1,488                 | 74                       | 74                 | 1,488  | -12                    | -   |
| 030 Manufacturing   | 33,024                | 1,323                    | 1,323              | 32,515   | -987                   | -5  |
| 040 Electricity, gas, steam and air conditioning supply           | 10,075                | 71                       | 71                 | 10,075   | -74                    | -   |
| 050 Water supply  | 2,164                 | 6                        | 6                  | 2,157  | -5                     | -   |
| 060 Construction  | 2,805                 | 116                      | 116                | 2,796  | -94                    | -1  |
| 070 Wholesale and retail trade                                    | 13,554                | 417                      | 417                | 13,471   | -302                   | -2  |
| 080 Transport and storage   | 5,837                 | 132                      | 132                | 5,833  | -61                    | -1  |
| 090 Accommodation and food service activities                     | 843                   | 38                       | 38                 | 841  | -29                    | -   |
| 100 Information and communication                                 | 4,649                 | 90                       | 90                 | 4,567  | -207                   | -   |
| 110 Real estate activities  | 13,469                | 470                      | 470                | 13,452   | -381                   | -6  |
| 120 Financial and insurance activities                            | -                     | -                        | -                  | -  | -                      | -   |
| 130 Professional, scientific and technical activities             | 4,657                 | 100                      | 100                | 4,637  | -87                    | -1  |
| 140 Administrative and support service activities                 | 3,327                 | 87                       | 87                 | 3,301  | -35                    | -   |
| 150 Public administration and defense, compulsory social security | 12                    | -                        | -                  | 12   | -                      | -   |
| 160 Education   | 155                   | 13                       | 13                 | 154  | -6                     | -   |
| 170 Human health services and social work activities              | 1,209                 | 20                       | 20                 | 1,207  | -33                    | -   |
| 180 Arts, entertainment and recreation                            | 602                   | 4                        | 4                  | 601  | -4                     | -   |
| 190 Other services  | 919                   | 31                       | 31                 | 876  | -33                    | -   |
| <b>200 Total</b>  | <b>99,475</b>         | <b>3,003</b>             | <b>3,003</b>       | <b>98,668</b>                                      | <b>-2,355</b>          | <b>-16</b>  |

## B. Credit Counterparty Risk

Counterparty credit risk (default risk from counterparty default risk) is defined as the risk of losses sustained or profits foregone due to the default of a counterparty in the context of a derivative or securities financing transaction. In addition to market price risks, derivative positions also give rise to default risks when a claim arises against the counterparty in the form of positive market values.

Commerzbank also looks at what is known as correlation risk (wrong way risk). This occurs when a counterparty's exposure and credit quality (rating) are negatively correlated. Wrong way risk is therefore an additional risk source, as the credit exposure is generally measured independently from the counterparty's creditworthiness. Commerzbank has a clear definition of specific and general wrong way risk. There are guidelines to assist in identifying and quantifying wrong way risk. They also set out how the

exposure must be adjusted to allow for the wrong way risk. In the case of secured transactions, the potential relationship between the performance of the collateral and the credit rating of the counterparty also has to be considered and captured according to the Commerzbank collateral matrix.<sup>2</sup>

The derivative positions shown in the tables below do not include securitisation positions as defined in the CRR. These are shown in the securitisations chapter and in the disclosure report 2023. This means that interest rate and currency swaps or credit derivative transactions entered into with special-purpose securitisation companies are not included.

Table EU CCR1 shows the credit counterparty risk by approach according to Article 439 f), g), k) and m) CRR as at 30 June 2024:

<sup>2</sup> Although in a regulatory context wrong way risk is normally mentioned in connection with counterparty risk, Commerzbank also considers it in connection with issuer risk (e.g. between the issuer of a bond and the guarantor).

## EU CCR1 Analysis of CCR exposure by approach

|          | €m  | a                            | b  | c      | d   | e                             | f                             | g                 | h             |
|----------|---|------------------------------|--|--------|---|-------------------------------|-------------------------------|-------------------|---------------|
|          |   | Replace<br>ment<br>cost (RC) | Potential<br>future<br>exposure<br>(PFE) | EEPE   | Alpha used for<br>computing<br>regulatory<br>exposure value | Exposure<br>value pre-<br>CRM | Exposure<br>value<br>post-CRM | Exposure<br>value | RWAs          |
| EU1      | EU - Original Exposure<br>Method (for derivatives)          | -                            | -  |        | 1.4   | -                             | -                             | -                 | -             |
| EU2      | EU - Simplified SA-CCR<br>(for derivatives)                 | -                            | -  |        | 1.4   | -                             | -                             | -                 | -             |
| 1        | SA-CCR (for derivatives)                                    | 498                          | 886                                      |        | 1.4   | 2,383                         | 2,294                         | 2,262             | 931           |
| 2        | IMM (for derivatives and<br>SFTs)                           |                              |  | 17,079 | 1.60  | 152,900                       | 27,327                        | 27,267            | 8,758         |
| 2a       | Of which securities<br>financing transactions               |                              |  | 2,881  |   | 118,827                       | 4,609                         | 4,609             | 1,362         |
| 2b       | Of which derivatives<br>and long settlement<br>transactions |                              |  | 14,199 |   | 34,073                        | 22,718                        | 22,658            | 7,396         |
| 2c       | Of which from<br>contractual cross-<br>product netting      |                              |  | -      |   | -                             | -                             | -                 | -             |
| 3        | Financial collateral simple<br>method (for SFTs)            |                              |  |        |   | -                             | -                             | -                 | -             |
| 4        | Financial collateral<br>comprehensive method (for<br>SFTs)  |                              |  |        |   | 10,876                        | 2,385                         | 2,385             | 342           |
| 5        | VaR for SFTs  |                              |  |        |   | -                             | -                             | -                 | -             |
| <b>6</b> | <b>Total</b>  |                              |  |        |   | <b>166,159</b>                | <b>32,006</b>                 | <b>31,913</b>     | <b>10,031</b> |

Table EU CCR2 shows the own funds requirements for CVA risks, broken down by approach according to Article 439 h) CRR as of 30 June 2024:

## EU CCR2 Transactions subject to own funds requirements for CVA risk

|          | €m   | a              | b            |
|----------|--|----------------|--------------|
|          |  | Exposure value | RWAs         |
| 1        | Total transactions subject to the Advanced method  | 12,127         | 1,475        |
| 2        | (i) VaR component (including the 3x multiplier)  |                | 84           |
| 3        | (ii) SVaR component (including the 3x multiplier)  |                | 1,391        |
| 4        | Transactions subject to the Standardised method  | 877            | 402          |
| EU4      | Transactions subject to the Alternative approach (Based on the Original Exposure Method) | -              | -            |
| <b>5</b> | <b>Total transactions subject to own funds requirements for CVA risk</b>                 | <b>13,004</b>  | <b>1,876</b> |

Table EU CCR3 shows the allocation of credit counterparty risk in the standardized approach by exposure classes as defined in Articles 439 l) and 444 e) CRR as at 30 June 2024:

**EU CCR3: Standardised approach – CCR exposures by regulatory exposure class and risk weights**

| Exposure classes   €m   | a            | b            | c          | d        | e            | Risk weight |          |           |              |           |          | Total         |
|---|--------------|--------------|------------|----------|--------------|-------------|----------|-----------|--------------|-----------|----------|---------------|
|   | 0%           | 2%           | 4%         | 10%      | 20%          | 50%         | 70%      | 75%       | 100%         | 150%      | Other    |               |
| 1 Central governments or central banks                            | 804          | –            | –          | –        | 67           | –           | –        | –         | –            | –         | –        | 871           |
| 2 Regional governments or local authorities                       | 295          | –            | –          | –        | 1            | –           | –        | –         | –            | –         | –        | 296           |
| 3 Public sector entities  | 344          | –            | –          | –        | 11           | –           | –        | –         | 0            | –         | –        | 355           |
| 4 Multilateral development banks                                  | 160          | –            | –          | –        | 7            | –           | –        | –         | –            | –         | –        | 166           |
| 5 International organisations                                     | 18           | –            | –          | –        | –            | –           | –        | –         | –            | –         | –        | 18            |
| 6 Institutions  | –            | 1,665        | 901        | –        | 3,133        | 699         | –        | –         | 34           | –         | –        | 6,432         |
| 7 Corporates  | –            | 2,693        | –          | –        | 321          | 218         | –        | –         | 1,195        | 0         | –        | 4,426         |
| 8 Retail  | –            | –            | –          | –        | –            | –           | –        | 12        | –            | –         | –        | 12            |
| 9 Institutions and corporates with a short-term credit assessment | –            | –            | –          | –        | –            | –           | –        | –         | –            | –         | –        | –             |
| 10 Other items  | –            | –            | –          | –        | –            | –           | –        | –         | 0            | 18        | –        | 18            |
| <b>11 Total</b>   | <b>1,621</b> | <b>4,358</b> | <b>901</b> | <b>–</b> | <b>3,540</b> | <b>916</b>  | <b>–</b> | <b>12</b> | <b>1,228</b> | <b>19</b> | <b>–</b> | <b>12,596</b> |

## Information by regulatory risk-weighting approach

Table EU CCR4 shows the credit counterparty risk according to exposure classes and PD scale according to Articles 439 l) and 452 g) CRR as at 30 June 2024:

### EU CCR4: IRB approach – CCR exposures by exposure class and PD scale

|                                      | a                 | b              | c            | d                  | e             | f                             | g            |             |
|--------------------------------------|-------------------|----------------|--------------|--------------------|---------------|-------------------------------|--------------|-------------|
|                                      | PD scale          | Exposure value | Average PD   | Number of obligors | Average LGD   | Average maturity <sup>1</sup> | RWAs         | RWA density |
|                                      |                   | €m             | %            |                    | %             | years                         | €m           |             |
| Central governments or central banks | 0.00 to < 0.15    | 117            | 0.00         | 13                 | 100.00        | 1.0                           | 38           | 32.1        |
|                                      | 0.15 to < 0.25    | 4              | 0.09         | 3                  | 100.00        | 0.8                           | 3            | 72.4        |
|                                      | 0.25 to < 0.50    | 18             | 0.08         | 8                  | 100.00        | 0.7                           | 15           | 79.8        |
|                                      | 0.50 to < 0.75    | 1              | –            | 2                  | 100.00        | 1.5                           | 1            | 151.5       |
|                                      | 0.75 to < 2.50    | 6              | 0.09         | 6                  | 100.00        | 1.0                           | 11           | 169.6       |
|                                      | 2.50 to < 10.00   | 12             | 0.11         | 7                  | 100.00        | 0.4                           | 33           | 288.3       |
|                                      | 10.00 to < 100.00 | 0              | –            | 3                  | 100.00        | 1.0                           | 0            | 91.5        |
|                                      | 100.00 (Default)  | –              | –            | –                  | –             | –                             | –            | –           |
|                                      | <b>Subtotal</b>   | <b>158</b>     | <b>0.02</b>  | <b>42</b>          | <b>100.00</b> | <b>0.9</b>                    | <b>100</b>   | <b>63.3</b> |
| Institutions                         | 0.00 to < 0.15    | 12,558         | 0.06         | 627                | 40.07         | 1.0                           | 2,436        | 19.4        |
|                                      | 0.15 to < 0.25    | 502            | 0.19         | 100                | 43.22         | 1.0                           | 218          | 43.4        |
|                                      | 0.25 to < 0.50    | 703            | 0.31         | 133                | 48.14         | 1.0                           | 405          | 57.6        |
|                                      | 0.50 to < 0.75    | 279            | 0.57         | 77                 | 53.90         | 1.0                           | 230          | 82.3        |
|                                      | 0.75 to < 2.50    | 656            | 1.42         | 160                | 43.66         | 1.0                           | 617          | 94.1        |
|                                      | 2.50 to < 10.00   | 93             | 4.03         | 53                 | 45.85         | 1.0                           | 122          | 131.8       |
|                                      | 10.00 to < 100.00 | 8              | 51.11        | 20                 | 56.89         | 1.0                           | 19           | 242.2       |
|                                      | 100.00 (Default)  | 4              | 100.00       | 2                  | 81.44         | 1.0                           | 3            | 62.5        |
|                                      | <b>Subtotal</b>   | <b>14,802</b>  | <b>0.23</b>  | <b>1,171</b>       | <b>41.04</b>  | <b>1.0</b>                    | <b>4,049</b> | <b>27.4</b> |
| Corporates                           | 0.00 to < 0.15    | 4,199          | 0.11         | 817                | 41.81         | 1.7                           | 942          | 22.4        |
|                                      | 0.15 to < 0.25    | 2,203          | 0.19         | 728                | 40.34         | 1.9                           | 853          | 38.7        |
|                                      | 0.25 to < 0.50    | 1,538          | 0.39         | 1,302              | 44.14         | 1.6                           | 713          | 46.4        |
|                                      | 0.50 to < 0.75    | 539            | 0.60         | 688                | 43.84         | 2.2                           | 402          | 74.6        |
|                                      | 0.75 to < 2.50    | 350            | 1.24         | 981                | 44.85         | 1.4                           | 315          | 90.1        |
|                                      | 2.50 to < 10.00   | 98             | 4.14         | 366                | 45.25         | 1.4                           | 134          | 137.1       |
|                                      | 10.00 to < 100.00 | 17             | 24.89        | 68                 | 42.42         | 1.6                           | 33           | 188.2       |
|                                      | 100.00 (Default)  | 5              | 100.00       | 39                 | 42.25         | 1.0                           | 3            | 63.4        |
|                                      | <b>Subtotal</b>   | <b>8,949</b>   | <b>0.53</b>  | <b>4,989</b>       | <b>42.12</b>  | <b>1.7</b>                    | <b>3,396</b> | <b>37.9</b> |
| Retail                               | 0.00 to < 0.15    | 136            | 0.05         | 1,350              | 51.27         |                               | 9            | 6.9         |
|                                      | 0.15 to < 0.25    | 13             | 0.20         | 191                | 48.83         |                               | 2            | 18.8        |
|                                      | 0.25 to < 0.50    | 11             | 0.33         | 300                | 50.77         |                               | 3            | 29.9        |
|                                      | 0.50 to < 0.75    | 8              | 0.61         | 188                | 54.34         |                               | 3            | 40.6        |
|                                      | 0.75 to < 2.50    | 9              | 1.39         | 309                | 54.76         |                               | 5            | 63.5        |
|                                      | 2.50 to < 10.00   | 14             | 3.85         | 218                | 53.29         |                               | 10           | 70.5        |
|                                      | 10.00 to < 100.00 | 3              | 48.73        | 21                 | 48.37         |                               | 4            | 107.5       |
|                                      | 100.00 (Default)  | 0              | 100.00       | 10                 | 36.60         |                               | 0            | 62.5        |
|                                      | <b>Subtotal</b>   | <b>194</b>     | <b>1.43</b>  | <b>2,587</b>       | <b>51.44</b>  |                               | <b>37</b>    | <b>19.3</b> |
| <b>Total (all exposure classes)</b>  | <b>24,104</b>     | <b>0.30</b>    | <b>8,789</b> | <b>40.41</b>       | <b>2.0</b>    | <b>7,582</b>                  | <b>31.5</b>  |             |

<sup>1</sup> Parameter is not subject to the RWA calculation for retail business. Hence, in compliance with EBA/GL/2016/11, no disclosure for retail business.

Table EU CCR5 shows the composition of the collateral for the credit counterparty risk in accordance with Article 439 e) CRR as at 30 June 2024.

**EU CCR5: Composition of collateral for CCR exposures**

| €m       | Collateral used in derivative transactions |              |                                 |              | Collateral used in SFTs           |              |                                 |              |                |
|----------|--|--------------|---------------------------------|--------------|-----------------------------------|--------------|---------------------------------|--------------|----------------|
|          | Fair value of collateral received          |              | Fair value of posted collateral |              | Fair value of collateral received |              | Fair value of posted collateral |              |                |
|          | Segregated                                 | Unsegregated | Segregated                      | Unsegregated | Segregated                        | Unsegregated | Segregated                      | Unsegregated |                |
| 1        | Cash – domestic currency                   | –            | 12,090                          | –            | 9,764                             | –            | 137                             | –            | 108            |
| 2        | Cash – other currencies                    | –            | 2,570                           | –            | 1,866                             | –            | 114                             | –            | 81             |
| 3        | Domestic sovereign debt                    | 93           | –                               | –            | 30                                | –            | 22,569                          | –            | 22,972         |
| 4        | Other sovereign debt                       | 1,590        | 81                              | 671          | 1,184                             | –            | 61,071                          | –            | 50,548         |
| 5        | Government agency debt                     | –            | –                               | –            | –                                 | –            | –                               | –            | –              |
| 6        | Corporate bonds                            | 140          | 262                             | 40           | 281                               | –            | 11,691                          | –            | 10,423         |
| 7        | Equity securities                          | 10           | –                               | –            | –                                 | –            | 9                               | –            | 0              |
| 8        | Other collateral                           | 4            | 2                               | 61           | 297                               | –            | 29,227                          | –            | 32,559         |
| <b>9</b> | <b>Total</b>                               | <b>1,837</b> | <b>15,005</b>                   | <b>771</b>   | <b>13,422</b>                     | <b>–</b>     | <b>124,817</b>                  | <b>–</b>     | <b>116,691</b> |



Table EU CCR6 shows a summary of credit derivatives for hedging by product as per Article 439 j) CRR as at 30 June 2024:

#### EU CCR6: Credit derivatives exposures

| €m                |                                  | a                 | b               |
|-------------------|----------------------------------|-------------------|-----------------|
|                   |                                  | Protection bought | Protection sold |
| <b>Notionals</b>  |                                  |                   |                 |
| 1                 | Single-name credit default swaps | 5,318             | 2,263           |
| 2                 | Index credit default swaps       | 2,662             | 4,263           |
| 3                 | Total return swaps               | 2,915             | –               |
| 4                 | Credit options                   | –                 | 1,000           |
| 5                 | Other credit derivatives         | –                 | –               |
| <b>6</b>          | <b>Total notionals</b>           | <b>10,895</b>     | <b>7,526</b>    |
| <b>Fair value</b> |                                  |                   |                 |
| 7                 | Positive fair value (asset)      | 102               | 86              |
| 8                 | Negative fair value (liability)  | –279              | 0               |

The following table EU CCR7 shows the development of RWA by main driver of credit counterparty risk according to the internal model method (IMM) in the second quarter of 2024 in accordance with Article 438 h) CRR. RWA rose slightly due to higher volumes,

in particular higher exposure to currency derivatives (FX transactions). A better credit quality of the counterparties as well as FX effects have a partly compensatory effect.

#### EU CCR7: RWA flow statements of CCR exposures under the IMM

| €m       |   | a                          |
|----------|---|----------------------------|
|          |   | Risk-weighted assets (RWA) |
| <b>1</b> | <b>RWA as at the end of the previous reporting period</b> | <b>8,345</b>               |
| 2        | Asset size  | 716                        |
| 3        | Credit quality of counterparties                          | –221                       |
| 4        | Model updates (IMM only)                                  | 18                         |
| 5        | Methodology and policy (IMM only)                         | –                          |
| 6        | Acquisitions and disposals                                | –                          |
| 7        | Foreign exchange movements                                | –99                        |
| 8        | Other   | –                          |
| <b>9</b> | <b>RWA as at the end of the current reporting period</b>  | <b>8,758</b>               |

Table EU CCR8 shows the breakdown of risk positions by central counterparties as per Article 439 i) CRR as at 30 June 2024:

#### EU CCR8 Exposures to CCPs

| €m        |   | a              | b            |
|-----------|---|----------------|--------------|
|           |   | Exposure value | RWAs         |
| <b>1</b>  | <b>Exposures to QCCPs (total)</b>   |                | <b>306.2</b> |
| 2         | Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which     | 4,786          | 104.3        |
| 3         | (i) OTC derivatives   | 1,479          | 38.1         |
| 4         | (ii) Exchange-traded derivatives  | 1,784          | 35.7         |
| 5         | (iii) SFTs  | 1,523          | 30.5         |
| 6         | (iv) Netting sets where cross-product netting has been approved                                       | –              | –            |
| 7         | Segregated initial margin   | –              | –            |
| 8         | Non-segregated initial margin   | –              | –            |
| 9         | Prefunded default fund contributions  | 584            | 201.9        |
| 10        | Unfunded default fund contributions   | –              | –            |
| <b>11</b> | <b>Exposures to non-QCCPs (total)</b>   |                | <b>–</b>     |
| 12        | Exposures for trades at non-QCCPs (excluding initial margin and default fund contributions); of which | –              | –            |
| 13        | (i) OTC derivatives   | –              | –            |
| 14        | (ii) Exchange-traded derivatives  | –              | –            |
| 15        | (iii) SFTs  | –              | –            |
| 16        | (iv) Netting sets where cross-product netting has been approved                                       | –              | –            |
| 17        | Segregated initial margin   | –              | –            |
| 18        | Non-segregated initial margin   | –              | –            |
| 19        | Prefunded default fund contributions  | –              | –            |
| 20        | Unfunded default fund contributions   | –              | –            |

## C. Securitisations

In securitisation business Commerzbank performs the three roles provided for in regulatory legislation, namely originator, sponsor and investor.

Commerzbank, as originator, places parts of its own credit portfolio specifically on the capital market. Commerzbank will issue another synthetic STS (Simple, Transparent and Standardised) transaction with a volume of €2bn in the second half of 2024. It will be based on corporate receivables from Germany and Europe. In addition, the Polish subsidiary of Commerzbank mBank will issue a synthetic transaction with a volume of €1.2bn in the second half of the year. It will be based on Polish corporate claims.

As sponsor Commerzbank takes over the structuring, arranging and securitising of receivables portfolios, particularly those of customers in the Corporate Clients segment. Commerzbank typically establishes special purpose vehicles (purchasing entities) to manage these assets. The ABS conduit Silver Tower S.A. Luxemburg established by the bank regularly acts as the purchasing entity. The refinancing of the purchases is generally done through the issuance of short-term registered notes.

Commerzbank invests in senior-ranking securitisation positions under its regulatory banking book.

Table EU SEC1 shows the securitisation exposures in the non-trading book, broken down by originator, sponsor and investor, according to Article 449 j) CRR as at 30 June 2024.

## EU SEC1 Securitisation exposures in the non-trading book

| €m                       | Institution acts as originator |              |   |           |              |           |             | Institution acts as sponsor |           |           |             | Institution acts as investor |           |           |        |
|--------------------------|--------------------------------|--------------|---|-----------|--------------|-----------|-------------|-----------------------------|-----------|-----------|-------------|------------------------------|-----------|-----------|--------|
|                          | Traditional                    |              |   | Synthetic |              | Sub-total | Traditional |                             | Synthetic | Sub-total | Traditional |                              | Synthetic | Sub-total |        |
|                          | STS                            | of which SRT |   | Non-STS   | of which SRT |           | STS         | Non-STS                     |           |           | STS         | Non-STS                      |           |           |        |
| a                        | b                              | c            | d | e         | f            | g         | h           | i                           | j         | k         | l           | m                            | n         | o         |        |
| <b>1 Total exposures</b> | -                              | -            | - | -         | 11,462       | 11,462    | 11,462      | 3,496                       | 1,155     | -         | 4,652       | 2,094                        | 9,607     | -         | 11,701 |
| 2 Retail (total)         | -                              | -            | - | -         | 2,125        | 2,125     | 2,125       | 1,261                       | 267       | -         | 1,529       | 1,929                        | 1,770     | -         | 3,699  |
| 3 residential mortgage   | -                              | -            | - | -         | -            | -         | -           | -                           | -         | -         | -           | -                            | 45        | -         | 45     |
| 4 credit card            | -                              | -            | - | -         | -            | -         | -           | -                           | -         | -         | -           | -                            | -         | -         | -      |
| 5 other retail exposures | -                              | -            | - | -         | 2,125        | 2,125     | 2,125       | 1,261                       | 267       | -         | 1,529       | 1,929                        | 1,725     | -         | 3,654  |
| 6 re-securitisation      | -                              | -            | - | -         | -            | -         | -           | -                           | -         | -         | -           | -                            | -         | -         | -      |
| 7 Wholesale (total)      | -                              | -            | - | -         | 9,337        | 9,337     | 9,337       | 2,235                       | 888       | -         | 3,123       | 165                          | 7,836     | -         | 8,001  |
| 8 loans to corporates    | -                              | -            | - | -         | 9,337        | 9,337     | 9,337       | 121                         | 96        | -         | 217         | -                            | 7,304     | -         | 7,304  |
| 9 commercial mortgage    | -                              | -            | - | -         | -            | -         | -           | -                           | -         | -         | -           | -                            | -         | -         | -      |
| 10 lease and receivables | -                              | -            | - | -         | -            | -         | -           | -                           | -         | -         | -           | -                            | -         | -         | -      |
| 11 other wholesale       | -                              | -            | - | -         | -            | -         | -           | 2,113                       | 792       | -         | 2,906       | 165                          | 533       | -         | 698    |
| 12 re-securitisation     | -                              | -            | - | -         | -            | -         | -           | -                           | -         | -         | -           | -                            | -         | -         | -      |

According to Article 449 j) CRR the table EU SEC2 contains the securitisation positions in the trading book. As at 30 June 2024, Commerzbank had no trading book positions according to IFRS in stock.





Table EU SEC5 shows the amount of the specific credit risk adjustments and the exposures in default from originator and sponsor transactions according to Article 449 I) CRR as at 30 June 2024:

**EU SEC5 Exposures securitised by the institution - Exposures in default and specific credit risk adjustments**

| €m       |                        | a   | b                             | c   |
|----------|------------------------|---|-------------------------------|---|
|          |                        | Exposures securitised by the institution - Institution acts as originator or as sponsor |                               | Total amount of specific credit risk adjustments made during the period |
|          |                        | Total outstanding nominal amount  | Of which exposures in default |   |
| <b>1</b> | <b>Total exposures</b> | <b>16,116</b>   | <b>156</b>                    | <b>9.74</b>   |
| 2        | Retail (total)         | 3,654   | 16                            | 6.07  |
| 3        | residential mortgage   | -   | -                             | -   |
| 4        | credit card            | -   | -                             | -   |
| 5        | other retail exposures | 3,654   | 16                            | 6.07  |
| 6        | re-securitisation      | -   | -                             | -   |
| 7        | Wholesale (total)      | 12,462  | 140                           | 3.67  |
| 8        | loans to corporates    | 9,557   | 127                           | -   |
| 9        | commercial mortgage    | -   | -                             | -   |
| 10       | lease and receivables  | -   | -                             | -   |
| 11       | other wholesale        | 2,906   | 13                            | 3.67  |
| 12       | re-securitisation      | -   | -                             | -   |

## D. Market risk

Market risk is the risk of potential financial losses due to changes in market prices (interest rates, commodities, credit spreads, exchange rates and equity prices) or in parameters that affect prices such as volatilities and correlations. Losses may impact profit or loss directly, e.g. in the case of trading book positions. However, for banking book positions they are generally reflected in the revaluation reserve or in hidden liabilities/reserves.

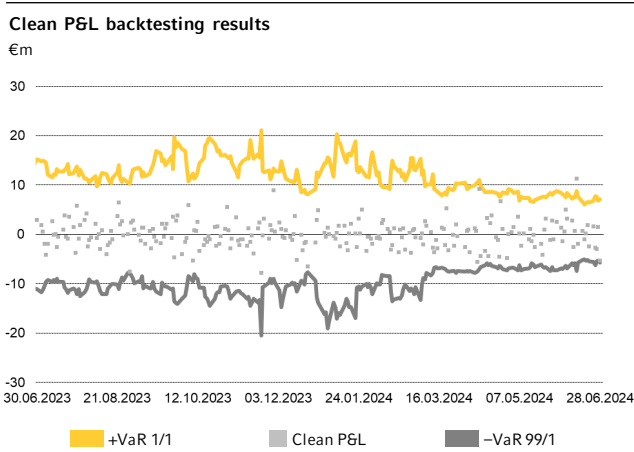
Details on risk management in the market risk area, in particular on strategy and organisation, risk control and fungibility and valuation of financial instruments, are given in the Disclosure Report as at 31 December 2023. Also, the internal model (historical simulation) which Commerzbank uses to perform VaR and stress test calculations, is described here.

The reliability of the internal model (historic simulation) is monitored in various ways, including by backtesting on a daily basis. The VaR calculated is set against actually occurring changes in the portfolio value (profits and losses). The process draws a distinction between backtesting of hypothetical changes in portfolio value (“clean P&L”) and backtesting of actual changes in portfolio value (“dirty P&L”). In the former, exactly the same positions in the income statement are used as were used for calculating the VaR. This means that the profits and losses result only from changes in market prices (hypothetical changes in the portfolio value). In dirty P&L backtesting, by contrast, profits and losses from newly concluded and expired transactions from the day under consideration are also included (actual profits and losses induced by portfolio value changes). Profits and losses from valuation adjustments and model reserves are factored into dirty and clean P&L according to the regulatory requirements.

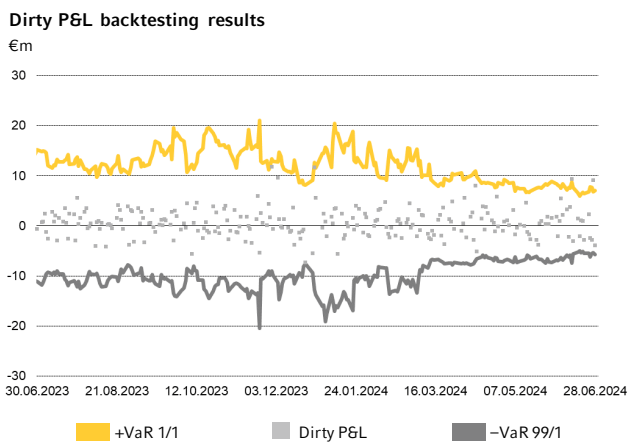
If the resulting loss exceeds the VaR, it is described as a negative backtesting outlier. Analysing the results of backtesting provides an informative basis for checking parameters and for potentially improving the market risk model. In the period from 30 June 2023 to 30 June 2024 no negative clean P&L and no negative dirty P&L outliers were recognized.

Backtesting is also used by the supervisory authorities for evaluating internal risk models. Negative outliers are classified by means of a traffic-light system laid down by the supervisory authorities. All negative backtesting outliers at Group level (from both clean P&L and dirty P&L) must be reported to the supervisory authorities, citing their extent and cause.

EU MR4: Comparison of VaR estimates with gains/losses (clean)



EU MR4: Comparison of VaR estimates with gains/losses (dirty)



Further information on the validation of the individual components of the internal model as well as on the further processing of the outcome in the respective committees are given in the Disclosure Report as at 31 December 2023.



## Quantitative information on market risks

Pursuant to Article 92 (3) b) and c) CRR, adequate capital must be set aside for market risk positions. Commerzbank uses an internal market risk model to calculate the regulatory capital requirement. This affects both the equity price and interest rate-related risk positions in the trading book as well as the currency positions and commodity positions. The standardised approaches are applied for smaller units in the Commerzbank Group in accordance with the partial use option.

### Development of market risk assets in the standard approach

The standard approach is essentially used to include the market risk positions of investments/subsidiaries in the calculation of capital requirements. The standardized approach represents 17 % of total market risk weighted assets as at 30 June 2024. Risk assets for market risk positions in the standard approach decreased by €45m to €976m in the first half of 2024.

Table EU MR1 contains the RWA for market risks as per Article 445 CRR as at 30 June 2024.

### EU MR1 Market risk under the standardised approach

| €m                       |   | a          |
|--------------------------|---|------------|
|                          |   | RWAs       |
| <b>Outright products</b> |   |            |
| 1                        | Interest rate risk (general and specific) | 409        |
| 2                        | Equity risk (general and specific)        | –          |
| 3                        | Foreign exchange risk                     | 563        |
| 4                        | Commodity risk                            | –          |
| <b>Options</b>           |   |            |
| 5                        | Simplified approach                       | –          |
| 6                        | Delta-plus approach                       | 4          |
| 7                        | Scenario approach                         | –          |
| <b>8</b>                 | <b>Securitisation (specific risk)</b>     | <b>–</b>   |
| <b>9</b>                 | <b>Total</b>                              | <b>976</b> |

### Market risk in the internal model approach

The internal model accounted for 83 % of total market risk weighted assets as at 30 June 2023. Risk weighted assets for market risk positions in the internal model decreased by €60m to €4,777m in the second quarter of 2024.

The decrease in table MR2-B row 2c (VaR) results from crisis scenarios from March 2023 (turbulence around SVB and Credit Suisse) that are no longer included in the calculation time series.

Table EU MR2-A contains the RWA for market risks based on internal models according to Article 455 e) CRR as at 30 June 2024:

### EU MR2-A Market risk under the internal Model Approach (IMA)

| €m       |  | a            | b                      |
|----------|--|--------------|------------------------|
|          |  | RWAs         | Own funds requirements |
| 1        | VaR (higher of values a) and b))   | 780          | 62                     |
| a)       | Previous day's VaR (VaRt-1)  |              | 17                     |
| b)       | Multiplication factor (mc) x average of previous 60 working days (VaRavg)  |              | 62                     |
| 2        | sVaR (higher of values a) and b))  | 2,793        | 223                    |
| a)       | Latest available sVaR (SVaRt-1))   |              | 70                     |
| b)       | Multiplication factor (ms) x average of previous 60 working days (sVaRavg) |              | 223                    |
| 3        | IRC (higher of values a) and b))   | 1,181        | 94                     |
| a)       | Most recent IRC measure  |              | 92                     |
| b)       | 12 weeks average IRC measure   |              | 94                     |
| 4        | Comprehensive risk measure (higher of values a), b) and c))                | –            | –                      |
| a)       | Most recent risk measure of comprehensive risk measure                     |              | –                      |
| b)       | 12 weeks average of comprehensive risk measure                             |              | –                      |
| c)       | Comprehensive risk measure Floor   |              | –                      |
| 5        | Other  | 23           | 2                      |
| <b>6</b> | <b>Total</b>   | <b>4,777</b> | <b>382</b>             |

The table EU MR2-B below shows the development of RWA by main market risk drivers according to the internal model-based approach (IMA) in the second quarter of 2024 according to Article 438 h) CRR.

The decline in total RWA from the internal model in the second quarter of 2024 was mainly due to a decrease in VaR-related RWA. This is due to crisis scenarios from March 2023 (turbulence around

SVB and Credit Suisse) that are no longer included in the calculation time series.

The increase in RWA from the stressed VaR is due to changes in positions in the Corporate Clients division and in the Treasury. RWA from the Incremental Risk Charge (IRC) increased in the second quarter due to changes in the Treasury position

#### EU MR2-B: RWA flow statements of market risk exposures under the IMA

| €m   | a            | b            | c            | d                          | e         | f            | g                          |
|--|--------------|--------------|--------------|----------------------------|-----------|--------------|----------------------------|
|  | VaR          | SVaR         | IRC          | Comprehensive risk measure | Other     | Total RWA    | Total capital requirements |
| <b>1</b>   |              |              |              |                            |           |              |                            |
| <b>RWA as at the end of the previous reporting period</b>              | <b>1,316</b> | <b>2,430</b> | <b>1,089</b> | <b>-</b>                   | <b>3</b>  | <b>4,837</b> | <b>387</b>                 |
| 1a Regulatory adjustment   | -            | -            | -            | -                          | -         | -            | -                          |
| 1b RWA as at the end of the previous reporting period (end of the day) | 1,316        | 2,430        | 1,089        | -                          | 3         | 4,837        | 387                        |
| 2 Movement in risk levels  | -529         | 373          | 70           | -                          | 0         | -87          | -7                         |
| 3 Model updates/changes  | -7           | -9           | 22           | -                          | 20        | 26           | 2                          |
| 4 Methodology and policy   | -            | -            | -            | -                          | -         | -            | -                          |
| 5 Acquisitions and disposals   | -            | -            | -            | -                          | -         | -            | -                          |
| 6 Foreign exchange movements <sup>1</sup>                              | -            | -            | -            | -                          | -         | -            | -                          |
| 7 Other  | -            | -            | -            | -                          | -         | -            | -                          |
| 8a RWA at the end of the reporting period (end of the day)             | 780          | 2,793        | 1,181        | -                          | 23        | 4,777        | 382                        |
| 8b Regulatory adjustment   | -            | -            | -            | -                          | -         | -            | -                          |
| <b>8</b>   |              |              |              |                            |           |              |                            |
| <b>RWA as at the end of the current reporting period</b>               | <b>780</b>   | <b>2,793</b> | <b>1,181</b> | <b>-</b>                   | <b>23</b> | <b>4,777</b> | <b>382</b>                 |

<sup>1</sup> Changes of RWA which are due to foreign exchange movements are reported under „Movement in risk levels“

#### Market risk in the trading book

Below, we show how the regulatory market risk ratios of the trading book portfolio developed. Most of Commerzbank's trading book positions derive from the Corporate Clients segment and Treasury division.

The value at risk (10 days 99 %) decreased by €26m at the end of the first half of 2024 to €18m. This is due to crisis scenarios from March 2023 (turbulence around SVB and Credit Suisse) that are no longer included in the calculation time series.

In the first half of 2024, the Stressed Var increased by €13m to €81m. This increase is mainly due to changes in positions in the Corporate Clients and Treasury divisions.

The incremental risk charge increased from €76m to €98m in the first half of 2024. This is mainly due to changes in positions in the Treasury.

Table EU MR3 shows the market risks in the trading book as per Article 455 d) CRR as of 30 June 2024:

#### EU MR3 IMA values for trading portfolios

| €m  | a   |
|---|-----|
| <b>VaR (10 day 99%)</b>                   |     |
| 1 Maximum value                           | 61  |
| 2 Average value                           | 28  |
| 3 Minimum value                           | 16  |
| 4 Period end                              | 18  |
| <b>sVaR (10 day 99%)</b>                  |     |
| 5 Maximum value                           | 83  |
| 6 Average value                           | 70  |
| 7 Minimum value                           | 59  |
| 8 Period end                              | 81  |
| <b>IRC (99.9%)</b>                        |     |
| 9 Maximum value                           | 106 |
| 10 Average value                          | 91  |
| 11 Minimum value                          | 79  |
| 12 Period end                             | 98  |
| <b>Comprehensive risk measure (99.9%)</b> |     |
| 13 Maximum value                          | -   |
| 14 Average value                          | -   |
| 15 Minimum value                          | -   |
| 16 Period end                             | -   |

#### Interest rate risk in the banking book

In addition, the effects of interest rate shocks on economic value are simulated monthly for the Group's bank books in accordance with regulatory requirements (in accordance with Commission Delegated Regulation (EU) 2024/856/679). In accordance with the Banking Directive, the Federal Financial Supervisory Authority (BaFin) and the European Central Bank (ECB) have prescribed – amongst others – six scenarios for sudden and unexpected changes in interest rates (parallel- as well as rotation scenarios under consideration of a lower interest rate limit) to be used by all banks, which have to report on the results of this stress test every quarter.

On this basis, the scenario „Parallel Up“ would give a potential loss of €3,510m as of 30 June 2024 compared to a potential loss of €2,132m as at 31 December 2023. As a result of the "Parallel down" scenario, a potential economic gain of €1,627m was calculated as of 30 June 2024 compared to a potential economic gain of €1,306m in the previous period. In addition, Commerzbank calculates and reports the  $\Delta$ NII (Net interest income) according to regulatory requirements.

Commerzbank should not, in principle, be classified as an institution with an increased interest rate risk, since neither the negative changes in present value nor the maximum loss from the 12-month net interest income in relation to the Tier 1 capital exceed the regulatory limits.

For the reporting period, the average repricing maturity allocated to the replicating portfolios for sight and savings deposits is 2.14 years. Commerzbank uses 10 years as the longest repricing maturity.

#### EU IRRBB1: Impact of supervisory interest rate shock scenarios

| Supervisory shock scenarios | €m               | a                                       |        | b           |        | c                                  |  | d           |  |
|-----------------------------|------------------|---|--------|-------------|--------|------------------------------------|--|-------------|--|
|                             |                  | Changes of the economic value of equity |        |             |        | Changes of the net interest income |  |             |  |
|                             |                  | Current period                          |        | Last period |        | Current period                     |  | Last period |  |
| 1                           | Parallel up      | -3,510                                  | -2,132 | 197         | 1,462  |                                    |  |             |  |
| 2                           | Parallel down    | 1,627                                   | 1,306  | -557        | -1,707 |                                    |  |             |  |
| 3                           | Steeper          | -333                                    | -164   |             |        |                                    |  |             |  |
| 4                           | Flattener        | -820                                    | -311   |             |        |                                    |  |             |  |
| 5                           | Short rates up   | -1,512                                  | -890   |             |        |                                    |  |             |  |
| 6                           | Short rates down | 772                                     | 453    |             |        |                                    |  |             |  |

## E. Liquidity risk

We define liquidity risk in a narrower sense as the risk that Commerzbank will be unable to meet its payment obligations on a day-to-day basis. In a broader sense, liquidity risk describes the risk that future payments cannot be funded for the full amount, in the required currency or at standard market conditions, as and when they are due.

### Liquidity Coverage Ratio

The liquidity coverage ratio (LCR) is the regulatory minimum liquidity ratio. It is a measure of the near-term solvency of the Bank under a predetermined stress scenario. Based on the requirements of the Basel Committee, the EU Commission set out the legal foundation for the LCR in the Capital Requirements Regulation (CRR) and in Regulation (EU) No. 575/2013, in conjunction with Delegated Regulation EU/2015/61 (D-REG).

The ratio itself is defined as the relationship between high quality liquid assets (HQLA) and net liquidity outflows (NLOs) within a 30-day period. Commerzbank monitors the LCR as part of its daily liquidity risk calculation.

The Bank has established internal early warning indicators for the purpose of managing liquidity risk. These ensure that appropriate steps can be taken in good time to secure long-term financial solidity. Risk concentrations can lead to increased outflows of liquidity, particularly in a stress situation. They can, for example, occur with regard to maturities, large individual creditors or

currencies. By means of ongoing monitoring and reporting, emerging risk concentrations in funding can be recognised in a timely manner and mitigated through suitable measures. This also applies to payment obligations in foreign currencies. The Bank also mitigates concentrations through the continuous use of the broadly diversified sources of funding available to it, particularly in the form of diverse customer deposits and capital market instruments.

Commerzbank manages its global liquidity centrally using cash pooling. This approach ensures liquidity resources are used efficiently across all time zones, as Commerzbank Treasury units are located in Frankfurt, London, New York and Singapore.

Further information can be found in the Interim Management Report as of 30 June 2024 in the chapter “Funding and liquidity” from page 10 and in the liquidity risk section of the Interim Risk Report from page 28.

### Liquidity Requirements

As required by Article 451a (2) CRR, Table EU LIQ1 shows the calculation of the LCR for the previous four quarters. The averages of the 12 previous month-end values of the liquid assets and their cash inflows and outflows and finally the liquidity buffer and the liquidity coverage ratio are calculated for each quarter and can be found in the tables below. The values are rounded to a full-million amount in euros and are presented on a consolidated basis for the Commerzbank Group.

## EU LIQ1 Quantitative information of LCR – unweighted

|                                   |   | a                                | b          | c         | d         |
|-----------------------------------|---|----------------------------------|------------|-----------|-----------|
|                                   |   | Total unweighted value (average) |            |           |           |
| EU 1a                             | €m   %<br>Quarter ending on   | 30.9.2023                        | 31.12.2023 | 31.3.2024 | 30.6.2024 |
| EU 1b                             | Number of data points used in the calculation of averages   | 12                               | 12         | 12        | 12        |
| <b>High-quality liquid assets</b> |   |                                  |            |           |           |
| 1                                 | Total high-quality liquid assets (HQLA), after application of haircuts in line with Article 9 of regulation (EU) 2015/61  |                                  |            |           |           |
| <b>Cash Outflows</b>              |   |                                  |            |           |           |
| 2                                 | Retail deposits and deposits from small business customers, of which:   | 163,643                          | 165,612    | 169,302   | 175,027   |
| 3                                 | Stable deposits   | 111,705                          | 113,321    | 115,927   | 119,055   |
| 4                                 | Less stable deposits  | 41,886                           | 41,544     | 42,348    | 44,983    |
| 5                                 | Unsecured wholesale funding   | 135,531                          | 138,229    | 141,718   | 145,419   |
| 6                                 | Operational deposits (all counterparties) and deposits in networks of cooperative banks   | 38,064                           | 35,167     | 30,916    | 27,029    |
| 7                                 | Non-operational deposits (all counterparties)   | 96,930                           | 102,494    | 110,208   | 117,588   |
| 8                                 | Unsecured debt  | 537                              | 568        | 593       | 802       |
| 9                                 | Secured wholesale funding   |                                  |            |           |           |
| 10                                | Additional requirements   | 85,324                           | 84,598     | 83,506    | 82,878    |
| 11                                | Outflows related to derivative exposures and other collateral requirements  | 6,420                            | 6,289      | 5,997     | 5,870     |
| 12                                | Outflows related to loss of funding on debt products  | 223                              | 347        | 257       | 261       |
| 13                                | Credit and liquidity facilities   | 78,680                           | 77,962     | 77,253    | 76,747    |
| 14                                | Other contractual funding obligations   | 2,493                            | 2,648      | 3,133     | 3,301     |
| 15                                | Other contingent funding obligations  | 106,611                          | 107,630    | 108,533   | 108,997   |
| 16                                | Total cash outflows   |                                  |            |           |           |
| <b>Cash Inflows</b>               |   |                                  |            |           |           |
| 17                                | Secured lending (e.g. reverse repos)  | 44,255                           | 47,945     | 51,097    | 53,238    |
| 18                                | Inflows from fully performing exposures   | 22,021                           | 22,012     | 22,828    | 23,538    |
| 19                                | Other cash inflows  | 3,157                            | 3,244      | 3,406     | 3,411     |
| EU-19a                            | (Difference between total weighted inflows and total weighted outflows arising from transactions in third countries where there are transfer restrictions or which are denominated in non-convertible currencies) |                                  |            |           |           |
| EU-19b                            | (Excess inflows from a related specialised credit institution)  |                                  |            |           |           |
| 20                                | Total cash inflows  | 69,433                           | 73,200     | 77,330    | 80,187    |
| EU-20a                            | Fully exempt inflows  | –                                | –          | –         | –         |
| EU-20b                            | Inflows subject to 90% cap  | –                                | –          | –         | –         |
| EU-20c                            | Inflows subject to 75% cap  | 65,087                           | 68,144     | 71,815    | 74,498    |
| <b>Total Adjusted Value</b>       |   |                                  |            |           |           |
| EU-21                             | Liquidity buffer  |                                  |            |           |           |
| 22                                | Total net cash outflows   |                                  |            |           |           |
| 23                                | Liquidity coverage ratio (%)  |                                  |            |           |           |

## EU LIQ1 Quantitative information of LCR – weighted

|                                   |   | a                              | b          | c         | d         |
|-----------------------------------|---|--------------------------------|------------|-----------|-----------|
|                                   |   | Total weighted value (average) |            |           |           |
| EU 1a                             | €m   %  | 30.9.2023                      | 31.12.2023 | 31.3.2024 | 30.6.2024 |
| EU 1b                             | Quarter ending on   |                                |            |           |           |
| EU 1b                             | Number of data points used in the calculation of averages   | 12                             | 12         | 12        | 12        |
| <b>High-quality liquid assets</b> |   |                                |            |           |           |
| 1                                 | Total high-quality liquid assets (HQLA), after application of haircuts in line with Article 9 of regulation (EU) 2015/61  | 120,163                        | 122,676    | 128,577   | 135,237   |
| <b>Cash Outflows</b>              |   |                                |            |           |           |
| 2                                 | Retail deposits and deposits from small business customers, of which:   | 10,428                         | 10,553     | 10,827    | 11,336    |
| 3                                 | Stable deposits   | 5,585                          | 5,666      | 5,796     | 5,953     |
| 4                                 | Less stable deposits  | 4,843                          | 4,887      | 5,030     | 5,383     |
| 5                                 | Unsecured wholesale funding   | 67,672                         | 68,736     | 71,107    | 73,612    |
| 6                                 | Operational deposits (all counterparties) and deposits in networks of cooperative banks   | 9,494                          | 8,770      | 7,709     | 6,738     |
| 7                                 | Non-operational deposits (all counterparties)   | 57,641                         | 59,398     | 62,805    | 66,072    |
| 8                                 | Unsecured debt  | 537                            | 568        | 593       | 802       |
| 9                                 | Secured wholesale funding   | 7,031                          | 8,664      | 9,441     | 9,278     |
| 10                                | Additional requirements   | 16,869                         | 17,041     | 16,863    | 17,013    |
| 11                                | Outflows related to derivative exposures and other collateral requirements  | 5,842                          | 5,774      | 5,517     | 5,430     |
| 12                                | Outflows related to loss of funding on debt products  | 223                            | 347        | 257       | 261       |
| 13                                | Credit and liquidity facilities   | 10,803                         | 10,920     | 11,090    | 11,322    |
| 14                                | Other contractual funding obligations   | 1,870                          | 2,000      | 2,470     | 2,587     |
| 15                                | Other contingent funding obligations  | 4,063                          | 3,767      | 3,887     | 3,937     |
| 16                                | Total cash outflows   | 107,932                        | 110,761    | 114,594   | 117,762   |
| <b>Cash Inflows</b>               |   |                                |            |           |           |
| 17                                | Secured lending (e.g. reverse repos)  | 1,610                          | 1,835      | 2,133     | 2,450     |
| 18                                | Inflows from fully performing exposures   | 15,589                         | 15,679     | 16,248    | 16,707    |
| 19                                | Other cash inflows  | 3,130                          | 3,216      | 3,375     | 3,381     |
| EU-19a                            | (Difference between total weighted inflows and total weighted outflows arising from transactions in third countries where there are transfer restrictions or which are denominated in non-convertible currencies) | -                              | -          | -         | -         |
| EU-19b                            | (Excess inflows from a related specialised credit institution)  | -                              | -          | -         | -         |
| 20                                | Total cash inflows  | 20,330                         | 20,731     | 21,756    | 22,537    |
| EU-20a                            | Fully exempt inflows  | -                              | -          | -         | -         |
| EU-20b                            | Inflows subject to 90% cap  | -                              | -          | -         | -         |
| EU-20c                            | Inflows subject to 75% cap  | 20,330                         | 20,731     | 21,756    | 22,537    |
| <b>Total Adjusted Value</b>       |   |                                |            |           |           |
| EU-21                             | Liquidity buffer  | 120,163                        | 122,676    | 128,577   | 135,237   |
| 22                                | Total net cash outflows   | 87,602                         | 90,030     | 92,838    | 95,225    |
| 23                                | Liquidity coverage ratio (%)  | 137.3%                         | 136.2%     | 138.3%    | 141.9%    |

The average quarterly LCR values have been consistently high. As at each of the reporting dates, Commerzbank considerably surpassed the required minimum ratio of 100%. The composition of

the highly liquid assets available to cover the liquidity outflows in the reporting period is set out below:

**addLIQ: Highly liquid assets in accordance with EU/2015/61**

| Average of the last 12 month-end values<br>€m | 30.9.2023      | 31.12.2023     | 31.3.2024      | 30.6.2024      |
|---|----------------|----------------|----------------|----------------|
| <b>Total</b>                                  | <b>120,163</b> | <b>122,676</b> | <b>128,577</b> | <b>135,237</b> |
| thereof: Level 1                              | 113,226        | 114,921        | 119,666        | 124,639        |
| thereof: Level 2A                             | 6,571          | 7,362          | 8,328          | 9,753          |
| thereof: Level 2B                             | 366            | 392            | 583            | 844            |

Commerzbank also reports the LCR in US dollars and Polish zloty (PLN), as these are deemed to be significant foreign currencies under the CRR. In addition, the Bank ensures that foreign-exchange risk is monitored as well as limited and managed using an internal model.

When calculating the LCR, the bank takes into account the liquidity inflows and outflows for derivatives over the next 30 days. When standardised master agreements are involved, the liquidity inflows and outflows are calculated on a net basis. Commerzbank also considers further items that could lead to additional outflows of liquidity. These items include variation margins for changes in the value of securities pledged as collateral and, in the event of a possible deterioration in credit rating, additional collateral furnished because of adverse market scenarios for derivatives transactions. For other contingent liabilities, since June 2019 Commerzbank has used additional outflows in accordance with Article 23 of Commission Delegated Regulation (EU) 2015/61.

In addition, there are no other items in the LCR calculation in Commerzbank that are not included in the LCR disclosure template but are considered relevant to the liquidity profile.

**Net Stable Funding Ratio**

Based on Regulation (EU) 2019/876 of 20 May 2019 (amendment of Regulation (EU) 575/2013) the Net stable funding ratio (NSFR) is the regulatory defined Structural liquidity ratio and was introduced as of 30 June 2021.

It sets the requirement of stable refinancing as a ratio of the amount of the available stable refinancing and the amount of the required stable refinancing over a one-year horizon.

The quota itself is defined as the ratio of the weighted available stable refinancing and the necessary weighted stable refinancing. The minimum quota is 100%.

The NSFR as of 30 June 2024 underlines the solid funding position of Commerzbank Group. It reflects the customer-focused business model of Commerzbank Group with a high contribution to the ASF from customer deposits. The main share of the RSF results from the loan business, and the main share of the ASF results from customer deposits.

Table EU LIQ2 shows the information on the Net Stable Funding Ratio as of 30 June 2024 according to Article 451a (3) CRR. These include items of the available stable funding (ASF) as well as items of the required stable funding (RSF).

## EU LIQ2 part1 Net Stable Funding Ratio

| €m  |   | Unweighted value by residual maturity |            |                      |          | Weighted value |
|---|---|---------------------------------------|------------|----------------------|----------|----------------|
|   |   | a                                     | b          | c                    | d        |                |
|   |   | No maturity                           | < 6 months | 6 months to < 1 year | ≥ 1 year |                |
| <b>Available stable funding (ASF) Items</b> |   |                                       |            |                      |          |                |
| 1   | Capital items and instruments   | 31,213                                | 0          | 3                    | 6,618    | 37,832         |
| 2   | Own funds   | 31,213                                | 0          | 3                    | 5,463    | 36,676         |
| 3   | Other capital instruments   |                                       | –          | –                    | 1,155    | 1,155          |
| 4   | Retail deposits   |                                       | 180,286    | 2,887                | 3,759    | 175,179        |
| 5   | Stable deposits   |                                       | 129,076    | 2,208                | 2,733    | 127,453        |
| 6   | Less stable deposits  |                                       | 51,211     | 679                  | 1,025    | 47,726         |
| 7   | Wholesale funding:  |                                       | 250,268    | 7,446                | 53,210   | 121,449        |
| 8   | Operational deposits  |                                       | 19,571     | –                    | –        | 1,109          |
| 9   | Other wholesale funding   |                                       | 230,697    | 7,446                | 53,210   | 120,340        |
| 10  | Interdependent liabilities  |                                       | 3,211      | 537                  | 10,065   | –              |
| 11  | Other liabilities:  | –                                     | 13,986     | 178                  | 18,119   | 18,208         |
| 12  | NSFR derivative liabilities   | –                                     |            |                      |          |                |
| 13  | All other liabilities and capital instruments not included in the above categories  |                                       | 13,986     | 178                  | 18,119   | 18,208         |
| 14  | Total available stable funding (ASF)  |                                       |            |                      |          | 352,668        |
| <b>Required stable funding (RSF) Items</b>  |   |                                       |            |                      |          |                |
| 15  | Total high-quality liquid assets (HQLA)   |                                       |            |                      |          | 6,994          |
| EU-15a                                      | Assets encumbered for a residual maturity of one year or more in a cover pool   |                                       | 3          | 3                    | 33,725   | 28,672         |
| 16  | Deposits held at other financial institutions for operational purposes  |                                       | 615        | –                    | –        | 308            |
| 17  | Performing loans and securities:  |                                       | 120,941    | 17,592               | 206,106  | 204,422        |
| 18  | Performing securities financing transactions with financial customers collateralised by Level 1 HQLA subject to 0% haircut                                    |                                       | 41,718     | 1,288                | 3,818    | 4,462          |
| 19  | Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions          |                                       | 28,407     | 2,810                | 15,364   | 18,828         |
| 20  | Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:              |                                       | 40,330     | 7,838                | 69,641   | 137,407        |
| 21  | With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk  |                                       | 1,602      | 602                  | 12,883   | 53,823         |
| 22  | Performing residential mortgages, of which:   |                                       | 4,715      | 2,928                | 68,908   | –              |
| 23  | With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk  |                                       | 4,117      | 2,466                | 55,207   | –              |
| 24  | Other loans and securities that are not in default and do not qualify as HQLA, including exchange-traded equities and trade finance on-balance sheet products |                                       | 5,771      | 2,728                | 48,375   | 43,725         |



## EU LIQ2 part2 Net Stable Funding Ratio

| €m        |   | Unweighted value by residual maturity |                 |                           |               | Weighted value |
|-----------|---|---------------------------------------|-----------------|---------------------------|---------------|----------------|
|           |   | a<br>No maturity                      | b<br>< 6 months | c<br>6 months to < 1 year | d<br>≥ 1 year |                |
| 25        | Interdependent assets   |                                       | 3,211           | 537                       | 10,065        | –              |
| 26        | Other assets  |                                       | 23,820          | 945                       | 13,440        | 17,555         |
| 27        | Physical traded commodities   |                                       |                 |                           | 198           | 168            |
| 28        | Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs |                                       | 647             | –                         | 4,090         | 4,027          |
| 29        | NSFR derivative assets  |                                       | 490             |                           |               | 490            |
| 30        | NSFR derivative liabilities before deduction of variation margin posted                             |                                       | 5,789           |                           |               | 289            |
| 31        | All other assets not included in the above categories   |                                       | 16,894          | 945                       | 9,152         | 12,581         |
| 32        | Off-balance sheet items   |                                       | 112,222         | 16,494                    | 64,139        | 12,707         |
| <b>33</b> | <b>Total RSF</b>  |                                       |                 |                           |               | <b>270,657</b> |
| <b>34</b> | <b>Net Stable Funding Ratio (%)</b>   |                                       |                 |                           |               | <b>130.3</b>   |

# Appendix

## Environmental, social and governance (ESG) risks pursuant to Article 449a CRR

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Information on environmental, social and governance (ESG) risks pursuant to Article 449a CRR can be found in the ESG Annex.

Further information on sustainability can also be found in our comprehensive sustainability reporting in accordance with international standards (e.g. TCFD, GRI) and the ESG framework of Commerzbank in the Sustainability Portal on the Commerzbank internet pages under Commerzbank, Investor Relations, Sustainability.

### **Annex**

Annex: [Information on ESG according to Article 449a CRR](#)

## List of abbreviations

|       |   |       |  |
|-------|---|-------|--|
| ABS   | Asset-backed Securities                       | ITS   | Implementing Technical Standards                           |
| AC    | Amortised Cost                                | KWG   | Kreditwesengesetz / German Banking Act                     |
| A-IRB | Advanced Internal Ratings Based Approach      | LCR   | Liquidity Coverage Ratio                                   |
| ASF   | Available stable funding                      | LECL  | Lifetime Expected Credit Loss                              |
| AT1   | Additional Tier 1 Capital                     | LGD   | Loss Given Default   |
| BRRD  | Bank Recovery and Resolution Directive        | LR    | Leverage Ratio   |
| CBR   | combined buffer requirement                   | M-MDA | Maximum Distributable Amount related to MREL               |
| CCF   | Credit Conversion Factor                      | MPE   | Multiple Point of Entry                                    |
| CCP   | Central Counterparty                          | MREL  | Minimum requirement for own funds and eligible liabilities |
| CCR   | Counterparty Credit Risk                      | NII   | Net Interest Income  |
| CCyB  | Countercyclical Capital Buffer                | NLO   | Net liquidity outflows                                     |
| CET1  | Common Equity Tier 1 Capital                  | NPE   | Non-performing exposure                                    |
| CRD   | Capital Requirements Directive                | NSFR  | Net Stable Funding Ratio                                   |
| CRM   | Credit Risk Mitigation                        | PD    | Probability of Default                                     |
| CRR   | Capital Requirements Regulation               | PFE   | Potential future exposure                                  |
| CVA   | Credit Value Adjustments                      | P2R   | Pillar-2-Requirement                                       |
| EaD   | Exposure at Default                           | QCCP  | Qualifying Central Counterparty                            |
| EBA   | European Banking Authority                    | RSF   | Required stable funding                                    |
| ECB   | European Central Bank                         | RWA   | Risk Weighted Assets                                       |
| ECL   | Expected Credit Loss                          | SA    | Standardised Approach                                      |
| EEPE  | Effective Expected Positive Exposure          | SACR  | Standardised Approach to Credit Risk                       |
| ESG   | Environment, Social, Governance Risk          | SFT   | Securities Financing Transactions                          |
| F-IRB | Foundation Internal Ratings Based Approach    | SME   | Small and medium-sized enterprises                         |
| FVOCI | Fair Value through Other Comprehensive Income | SRB   | Single Resolution Board                                    |
| GRI   | Global Reporting Initiative                   | SREP  | Supervisory Review and Evaluation Process                  |
| HQLA  | High-quality Liquid Assets                    | SSM   | Single Supervisory Mechanism                               |
| IFRS  | International Financial Reporting Standards   | STS   | simple, transparent, standardised                          |
| IAA   | Internal Assessment Approach                  | sVaR  | stressed Value-at-Risk                                     |
| IMA   | Internal Model Approach                       | T2    | Tier 2 Capital   |
| IMM   | Internal Model Method                         | TCFD  | Task Force on Climate-related Financial Disclosures        |
| IRBA  | Internal Ratings Based Approach               | TEM   | Total exposure measure                                     |
| IRC   | Incremental Risk Charge                       | TREA  | Total risk exposure amount of the resolution group         |
|       |   | VaR   | Value-at-Risk  |

## Disclaimer

Commerzbank's internal risk measurement methods and models which form the basis for the calculation of the figures shown in this report are state-of-the-art and based on banking sector practice. The risk models produce results appropriate to the management of the Bank. The measurement approaches are regularly reviewed by risk control and internal audit and the German and European supervisory authorities. Despite being carefully developed and regularly monitored, models cannot cover all the influencing factors that have an impact in reality or illustrate their complex behaviour and interactions. These limits to risk modelling apply particularly in extreme situations. Supplementary stress tests and scenario analyses can only show examples of the risks to which a portfolio may be exposed in extreme market situations. However, stress testing all imaginable scenarios is not feasible. Stress tests cannot offer a final estimate of the maximum loss should an extreme event occur.

The interpretations with regard to CRR/CRD rules and Securitisation Regulation are still ongoing. Therefore requirements for adjustment may occur due, for example, to modified interpretations in the course of the Q&A-process with EBA or due to new binding Technical Standards or guidelines. Against this background we will continue to refine our methods and models in line with the interpretation of the rules. Thus, our measures may not be comparable with previously published measures and our competitors' measures published may differ from ours.

This Disclosure Report contains forward-looking statements on Commerzbank's business and earnings performance, which are based upon our current plans, estimates, forecasts and expectations. The statements entail risks and uncertainties, as there are a variety of factors that influence our business and to a great extent lie beyond our sphere of influence. Above all, these include the economic situation, the state of the financial markets worldwide and possible loan losses. Actual results and developments may, therefore, diverge considerably from our current assumptions, which, for this reason, are valid only at the time of publication. We undertake no obligation to revise our forwardlooking statements in the light of either new information or unexpected events.

The German version of this Disclosure Report is the authoritative version.

For ease of reading only the masculine form is used to refer to people. This always refers to people of any gender identity.



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