Regulatory Disclosure Report for H1 2020 of Aareal Bank Group



Regulatory Disclosure Report for H1 2020

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Preface

Aareal Bank Group is classified as a significant institution within the scope of the Single Supervisory Mechanism (SSM) and is therefore subject to direct supervision by the European Central Bank (ECB).

The European Banking Authority (EBA) published its guidelines on disclosure requirements under Part Eight of Regulation (EU) 575/2013 (the Capital Requirements Regulation – "CRR") (EBA/GL/2016/11) on 14 December 2016. These substantiate the existing disclosure requirements of the CRR.

Aareal Bank Group is – in principle – not covered by the EBA guidelines and is therefore not formally required to meet the disclosure requirements formulated therein, as it is not classified by the ECB as a Global Systemically Important Institution (G-SII) on the basis of Delegated Regulation (EU) 1222/2014 or as an Other Systemically Important Institution (O-SII) on the basis of Article 131 (3) CRD IV. Nor is it obliged to meet the EBA guidelines. Nonetheless, Aareal Bank Group meets the EBA guidelines in full, on a voluntary basis.

The disclosure report comprises all information that has to be disclosed on a half-yearly basis, the scope of which is oriented upon the guidelines EBA/GL/2016/11, in conjunction with the revised guidelines on materiality, proprietary activity and confidentiality, and on disclosure frequency (EBA/GL/2014/14). For this reason, this report does not contain any references to other publications of Aareal Bank.

Aareal Bank complies with the requirements of parts 2 and 3 of the CRR at a Group level, due to the fact that Aareal Bank Group has elected to use the waiver option provided by section 2a (1) sentence 1 of the German Banking Act (Kreditwesengesetz – "KWG") (in conjunction with Article 7 (3) of the CRR), whereby reports for financial holding companies or banking groups may be prepared on a consolidated basis. Aareal Bank AG, whose registered office is in Wiesbaden, Germany, is the parent institution of the Group.

The details we have published in this disclosure report are based on both the Credit Risk Standard Approach (CRSA) and the Advanced IRB Approach (Advanced Internal Ratings-Based Approach – AIRBA).

Minor differences may occur regarding the figures stated, due to rounding.

Aareal Bank does not apply the transitional provisions, pursuant to Article 473a of the CRR, to mitigate the impact of the introduction of IFRS 9 on regulatory capital requirements. Accordingly, the obligation to provide additional disclosures (as specified in detail in EBA guidelines EBA/GL/2018/01) is waived.

Since the NPL ratio to be determined in accordance with EBA Guidelines on disclosure of non-performing and forborne exposures (EBA/GL/2018/10) is below 5% as at the relevant reporting date, disclosure of the tables set out in Article 15 point b) of these EBA Guidelines is not required.

Regulatory Capital

Aareal Bank Group has to comply with the capital adequacy requirements set out in the Capital Requirements Regulation (CRR), the Capital Requirements Directive (CRD IV), the German Banking Act (Kreditwesengesetz – "KWG") and the German Solvency Regulation (Solvabilitätsverordnung – "SolvV").

Following these regulations, institutions and companies operating in the financial sector must calculate their existing regulatory capital on a regular basis, and present these detailed results thereon to the supervisory authorities on specific dates.

Strict regulatory criteria are applied to the availability and sustainability of the qualifying capital when calculating regulatory capital. These provisions are not consistent with the recognition rules pursuant to the German Commercial Code (Handelsgesetzbuch – "HGB") or IFRSs.

The regulatory capital as well as equity disclosed in Aareal Bank Group's half-yearly financial report are based on the items reported in the statement of financial position according to IFRSs. However, there are differences between items disclosed for regulatory and accounting purposes which are due to different scopes of consolidation on the one hand, as well as adjustments to the Group's regulatory capital on the other hand.

Upon the Regulation (EU) 2019/876 (Capital Requirements Regulation II, CRR II) coming into effect on 27 June 2019, the IFRS carrying amount (instead of the nominal amount) on the first day of the final fiveyear period has to be used in the calculation of the eligible amount for the amortisation of Tier 2 instruments in the last five years of their contractual maturity, in accordance with Article 64 (2) CRR II. The IFRS carrying amount is also used for Tier 2 instruments with a residual maturity of more than five years, to ensure consistency in the measurement basis for all Tier 2 instruments.

The disclosures in this report are based on the binding provisions for the implementation of disclosure requirements set out in the Commission Implementing Regulation 1423/2013/EU, in the interests of comparability and increased transparency pursuant to Article 437 of the CRR.

Main features of capital instruments

The overview of the main features published on our website is limited to a description of the issued capital instruments. Shares as well as reserves attributable to Common Equity Tier 1 capital are not considered since they are covered in position 1 of the table under section "Disclosure of own funds".

In addition to the overview of the issued capital instruments' main features, Aareal Bank is required, pursuant to Article 437 (1) lit. c) of the CRR, to disclose the full terms and conditions of all Common Equity Tier I, Additional Tier I and Tier 2 instruments. Such terms and conditions of issue have been published in full on Aareal Bank's website under the "Investors" item.

Disclosure of own funds

| | | Amount as at 30 June 2020 | Regulation (EU) No 575/2013 – reference to Article(s) |
|-----|---|------------------------------|--|
| €mr | 1 | | |
| Com | mon Equity Tier 1 (CET1) capital: instruments and reserves | | |
| 1 | Capital instruments and the related share premium accounts | 901 | 26 (1), 27, 28, 29 |
| | of which: ordinary shares | 180 | EBA index pursuant to section 26 (3) |
| 2 | Retained earnings | 1,779 | 26 (1) (c) |
| 3 | Accumulated other comprehensive income (and other reserves designated to account for unrealised gains and losses according to applicable accounting standards) | -146 | 26 (1) |
| За | Fund for general banking risks | | 26 (1) (f) |
| 4 | Amount of qualifying items referred to in Art. 484 (3) and the related share premium accounts subject to phase out from CET1 | | 486 (2) |
| 5 | Minority interests (amount allowed in consolidated CET1) | | 84 |
| 5a | Independently reviewed interim profits net of any foreseeable charge or dividend | 1 | 26 (2) |
| 6 | Common Equity Tier 1 (CET1) capital before regulatory adjustments | 2,534 | |
| Com | nmon Equity Tier 1 (CET1) capital: regulatory adjustments | | |
| 7 | Additional value adjustments (negative amount) | | 34, 105 |
| 8 | Intangible assets (net of related tax liability) (negative amount) | -28 | 36 (1) (b), 37 |
| 9 | Empty set in the EU | | |
| 10 | Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability where the conditions of Art. 38 (3) are met) (negative amount) | | 36 (1) (c), 38 |
| 11 | Fair value reserves related to gains or losses on cash flow hedges of financial instruments | | 33 (a) |
| 12 | Negative amounts resulting from the calculation of expected loss amounts | 5 | |
| 13 | Increase in equity resulting from securitised assets (negative amount) | | 32 (1) |
| 14 | Gains or losses on liabilities valued at fair value resulting from changes in own credit standing | | 33 (b) |
| 15 | Defined-benefit pension fund assets (negative amount) | | 36 (1) (e), 41 |
| 16 | Direct and indirect holdings of own Common Equity Tier 1 instruments (negative amount) | | 36 (1) (f), 42 |
| 17 | Direct, indirect and synthetic holdings of Common Equity Tier 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) | | 36 (1) (g), 44 |
| 18 | Direct, indirect and synthetic holdings by the institution of Common Equity Tier 1 instruments of financial sector entities in which the institution does not hold a material interest (amount above 10% threshold and net of eligible short positions) (negative amount) | | 36 (1) (h), 43, 45, 46, 49 (2) (3), 79 |
| 19 | Direct, indirect and synthetic holdings by the institution of Common Equity Tier 1 instruments of financial sector entities in which the institution holds a material interest (amount above 10% threshold and net of eligible short positions) (negative amount) | - | 36 (1) (i), 43, 45, 47, 48 (1) (b), 49 (1) to (3), 79 |
| 20 | Empty set in the EU | | |
| 20a | Exposure amount of the following items which qualify for a risk weight of 1,250%, where the institution opts for the deduction alternative | | 36 (1) (k) |
| 20b | of which: qualifying holdings outside the financial sector (negative amount) | | 36 (1) (k) (i), 89 to 91 |
| 20c | of which: securitisation positions (negative amount) | | 36 (1) (k) (ii), 243 (1) (b), 244 (1) (b), 258 |
| 20d | of which: free deliveries (negative amount) | | 36 (1) (k) (iii), 379 (3) |

| | | Amount as at 30 June 2020 | Regulation (EU) No 575/2013 – reference to Article(s) |
|---------|---|------------------------------|--|
| €mn | | | |
| (a | eferred tax assets dependant on future profitability arising from temporary differences imount above 10% threshold, net of related tax liability where the conditions of Article 38 (3) re met) (negative amount) | _ | 36 (1) (c), 38, 48 (1) (a) |
| 22 A | mount exceeding the 15% threshold (negative amount) | | 48 (1) |
| | f which: direct and indirect holdings of Common Equity Tier 1 instruments of financial sector ntities in which the institution holds a material interest | | 36 (1) (i), 48 (1) (b) |
| 24 E | mpty set in the EU | | |
| 25 o | f which: deferred tax assets dependant on future profitability arising from temporary differences | | 36 (1) (c), 38, 48 (1) (a) |
| 25a L | osses for the current financial year (negative amount) | | 36 (1) (a) |
| 25b F | oreseeable tax charges relating to Common Equity Tier 1 items (negative amount) | | 36 (1) (l) |
| | mount of items required to be deducted from Additional Tier 1 items exceeding ne Additional Tier 1 capital of the institution (negative amount) | | 36 (1) (j) |
| D | eductions pursuant to Art. 3 of the CRR | -143 | |
| C | omponents of, or deductions with respect to, Common Equity Tier 1 capital | -30 | |
| 28 T | otal regulatory adjustments to Common Equity Tier 1 (CET1) capital | -216 | |
| 29 C | common Equity Tier 1 (CET1) capital | 2,318 | |
| A | nnel Tier 4 (AT4) eeniteli instrumente | | |
| | onal Tier 1 (AT1) capital: instruments | | 51, 52 |
| | apital instruments and related share premium accounts | | 51, 52 |
| | f which: classified as equity according to applicable accounting standards f which: classified as equity and liabilities according to applicable accounting standards | | |
| | | | |
| | mount of qualifying items referred to in Art. 484 (4) and the related share premium ccounts subject to phase out from AT1 | | 486 (3) |
| | ualifying Tier 1 instruments included in consolidated Additional Tier 1 capital (including minority iterests not included in row 5) issued by subsidiaries and held by third parties | - | 85, 86 |
| 35 of | f which: instruments issued by subsidiaries subject to phase-out | - | 486 (3) |
| 36 A | dditional Tier 1 (AT1) capital before regulatory adjustments | 300 | |
| Additio | onal Tier 1 (AT1) capital: regulatory adjustments | | |
| | irect and indirect holdings of own Additional Tier 1 instruments (negative amount) | | 52 (1) (b), 56 (a), 57 |
| | irect, indirect and synthetic holdings of Additional Tier 1 instruments of financial ector entities where those entities have reciprocal cross holdings with the institution | | |
| d | esigned to inflate artificially the own funds of the institution (negative amount) | - | 56 (b), 58 |
| 0 | financial sector entities in which the institution holds no material interest | | |
| (a | mount above 10% threshold and net of eligible short positions) (negative amount) | | 56 (c), 59, 60, 79 |
| fir | irect, indirect and synthetic holdings by the institution of Additional Tier 1 instruments of nancial sector entities in which the institution holds a material interest (net of eligible short positions) negative amount) | _ | 56 (d), 59, 79 |
| | mpty set in the EU | | (-), -0, +0 |
| | mount of items required to be deducted from Tier 2 items exceeding the Tier 2 capital | | |
| | f the institution (negative amount) | | 56 (e) |
| | otal regulatory adjustments to Additional Tier 1 (AT1) capital | | |
| | dditional Tier 1 (AT1) capital | | |
| 45 T | ier 1 capital (T1 = CET1 + AT1) | 2,618 | |

| | | Amount as at 30 June 2020 | Regulation (EU) No 575/2013 – reference to Article(s) |
|------|--|------------------------------|--|
| €m | n | | |
| Tier | 2 (T2) capital: instruments and reserves | | |
| 46 | Capital instruments and related share premium accounts | 784 | 62, 63 |
| 47 | Amount of qualifying items referred to in Art. 484 (5) and the related share premium accounts subject to phase-out from T2 | | 486 (4) |
| 48 | Qualifying own funds instruments included in consolidated Tier 2 capital (including minority interests and AT1 instruments not included in row 5 or 34) issued by subsidiaries and held by third parties | | 87, 88 |
| 49 | of which: instruments issued by subsidiaries subject to phase-out | | 486 (4) |
| 50 | Credit risk adjustments | 55 | 62 (c) and (d) |
| 51 | Tier 2 (T2) capital before regulatory adjustments | 839 | |
| Tier | 2 (T2) capital: regulatory adjustments | | |
| 52 | Direct and indirect holdings by an institution of own tier 2 instruments and subordinated loans (negative amount) | | 63 (b) (i), 66 (a) |
| 53 | Holdings of Tier 2 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) | | 66 (b), 68 |
| 54 | Direct and indirect holdings of Tier 2 instruments and subordinated loans of financial sector entities in which the institution does not hold a material interest (amount above 10% threshold and net of eligible short positions) (negative amount) | | 66 (c), 69, 70, 79 |
| 55 | Direct and indirect holdings by the institution of Tier 2 instruments and subordinated loans of financial sector entities in which the institution holds a material interest (net of eligible short positions) (negative amount) | _ | 66 (d), 69, 79 |
| 56 | Empty set in the EU | | |
| | Adjustments due to grandfathering rights regarding Additional Tier 1 instruments or subordinated loans | | |
| 57 | Total regulatory adjustments to Tier 2 (T2) capital | | |
| 58 | Tier 2 (T2) capital | 839 | |
| 59 | Own funds (TC = T1 + T2) | 3,457 | |
| 60 | Total risk-weighted assets | 11,702 | |
| Car | ital ratios1 and buffers | | |
| 61 | Common Equity Tier 1 capital (as a percentage of total risk exposure amount) | 19.8% | 92 (2) (a) |
| 62 | Tier 1 capital (as a percentage of total risk exposure amount) | 22.4% | 92 (2) (b) |
| 63 | Total capital (as a percentage of total risk exposure amount) | 29.5% | 92 (2) (c) |
| 64 | Institution-specific buffer requirement (CET1 requirement in accordance with Article 92 (1) (a) plus capital conservation and countercyclical buffer requirements, plus systemic risk buffer, plus systemically important institution (G-SII or O-SII) buffer expressed as a percentage of total risk exposure amount) | 7.2% | CRD 128, 129, 130, 131, 133 |
| 65 | of which: capital conservation buffer requirement | 2.5% | |
| 66 | of which: countercyclical capital buffer requirement | 0.2% | |
| 67 | of which: systemic risk buffer requirement | | |
| 67a | of which: buffer for Global Systemically Important Institution (G-SII) or Other Systemically Important Institutions (O-SII) | _ | CRD 131 |
| 68 | Common Equity Tier 1 capital available to meet buffers (as a percentage of total risk exposure amount) | 15.1% | CRD 128 |

| | | Amount as at 30 June 2020 | Regulation (EU) No 575/2013 – reference to Article(s) |
|-----|---|------------------------------|--|
| €m | in | | |
| Am | ounts below thresholds for deductions (before risk weighting) | | |
| 72 | Direct and indirect holdings of capital instruments of financial sector entities in which the institution does not hold a material interest (amount below 10% threshold and net of eligible short positions) | | 36 (1) (h), 45, 46, 56 (c), 59, 60, 66 (c), 69, 70 |
| 73 | Direct and indirect holdings of Common Equity Tier 1 instruments of financial sector entities where the institution has a significant investment in those entities (amount below 10% threshold and net of eligible short positions) | - | 36 (1) (i), 45, 48 |
| 74 | Empty set in the EU | | |
| 75 | Deferred tax assets dependent upon future profitability arising from temporary differences (amount below 10% threshold and net of related tax liability where the conditions of Art. 38 (3) are met) | 141 | (36) (1) (c), 38, 48 |
| App | plicable caps on the inclusion of provisions in Tier 2 | | |
| 76 | Credit risk adjustments included in Tier 2 in respect of exposures subject to standardised approach (prior to the application of the cap) | | 62 |
| 77 | Cap on inclusion of credit risk adjustments in Tier 2 under standardised approach | 14 | 62 |
| 78 | Credit risk adjustments included in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to the application of the cap) | | 62 |
| 79 | Cap on inclusion of credit risk adjustments in Tier 2 under internal ratings-based approach | 50 | 62 |
| - | pital instruments subject to phase-out arrangements ly applicable between 1 Jan 2013 and 1 Jan 2022) | | |
| 80 | Current cap on CET1 instruments subject to phase out arrangements | _ | 484 (3), 486 (2) and (5) |
| 81 | Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities) | | 484 (3), 486 (2) and (5) |
| 82 | Current cap on AT1 instruments subject to phase out arrangements | | 484 (4), 486 (3) and (5) |
| 83 | Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities) | - | 484 (4), 486 (3) and (5) |
| 84 | Current cap on T2 instruments subject to phase out arrangements | _ | 484 (5), 486 (4) and (5) |
| 85 | Amount excluded from T2 due to cap (excess over cap after redemptions and maturities) | | 484 (5), 486 (4) and (5) |

Compared to the previous reporting date (31 March 2020), the Common Equity Tier 1 (CET1) ratio and the Tier 1 (T1) ratio increased slightly: the \in 59 million increase in regulatory capital was not fully neutralised by the \notin 239 million increase in risk-weighted assets (RWAs).

The increase in RWA was mainly due to a COVID-19-related increase in probabilities of default (PD). However, the RWA increase does not reflect any anticipated rating changes given the management overlay¹⁾. The same applies to properties where there were indications for a fluctuation in value. Due to the COVID-19 pandemic, only a very limited number of new appraisals could be obtained. Specifically, retail properties were closed well into the second quarter – with hotels being closed beyond this period in some cases.

The increase in own funds was largely due to a \in 77 million increase in CET1 capital, This is largely attributable to the fact that the loss allowances recorded during the year were not deducted, but were already taken into account in CET1 capital through the inclusion of the interim result.

¹⁾ Regarding the management overlay, please refer to our explanations on loss allowance on pages 13 et seqq. in the Report on the Economic Position in the Aareal Bank Group Interim Report II/2020.

Reconciliation from equity, as disclosed in the Statement of Financial Position, to regulatory capital

| Reserve from the measurement of equity instruments (fvoci)-4-4Reserve from changes in the value of foreign currency basis spreads-11-11Ournency translation reserve-422Non-controlling interests20Common Equity Tier 1 (CET1) capital before regulatory adjustments2,8472,8482,534Regulatory adjustments217Amounts to be deducted-200-22-22-28Goodwill-1026Other intangible assets-200-22-22-28Goodwill-1026Other intangible assets-88-22-22-22Deferred tax assets dependant on future profitability not resulting from temp. differencesReductible deferred tax assets dependant on future profitability and resulting from temp. differencesPudential filtersPrudential filtersPrudential filtersPrudent valuation allovancesPrudent valuation allovancesOutrot valuation allovancesOutrot regulation of or deductions with respect to, Common Equity Tier 1 (CET1) capitalOutrot Figurity Tier 1 (CET1) capital | | Equity according to reporting scope of consolidation | Equity according to regulatory scope of consolidation | Regulatory capital according to regulatory scope of consolidation | |
|---|---|--|---|--|----|
| Capital reserves 721 721 721 721 Retained earnings 1,811 1,780 1,780 Af1 bord ⁿ 360 360 - Other reserves -167 -147 -147 Reserve from remeasurements of defined banefit plans -149 -135 -135 Reserve from the measurements of depti instruments (fvoci) 1 1 1 Reserve from the measurements of depti instruments (fvoci) -4 -4 -4 Reserve from the measurements of depti instruments (fvoci) -4 -4 -4 Reserve from the measurements of depti instruments (fvoci) -4 -4 2 2 Common Equity Tier 1 (CET1) capital before regulatory adjustments 2,847 2,848 2,534 Regulatory adjustments - - -217 Amounts to be deducted -200 -22 -28 Goadwill -102 - -6 Other intangible assets -36 -22 -22 Goadwill -102 - - - Instructions assets dependant on future profitability not resulting from temp, differences | €mn | | | | |
| Retained earnings1,8111,7831,780AT1 bord *300300-Other reserves-167-147-147Reserve from remeasurements of defined benefit plans-167-147-147Reserve from the measurement of debt instruments (fvoci)1111Reserve from the measurement of debt instruments (fvoci)-4-4-4Reserve from the measurement of depti instruments (fvoci)-4-4-4Reserve from the measurement of depti instruments (fvoci)-4-4-4Reserve from changes in the value of foreign currency basis spreads-11-11-11Currency translation reserve-4222Regulatory adjustments2,8472,8482,534Regulatory adjustments247Amounts to be deducted-200-22-22-28Goodwill-102Other intrangible assets-98-22-22Deferred tax assets dependant on future profitability not resulting from tarp. differencesIPB deficit (non-defaulted exposures)Outling in tarp. differencesIPB defict (non-defaulted exposures)Outling from tarp. differencesIPB defict (non-defaulted exposures)IPI defict (non-defaulted exposures)- | Subscribed capital | 180 | 180 | 180 | |
| AT is bond ^a 300 300 | Capital reserves | 721 | 721 | 721 | |
| Other reserves -167 -147 -147 Reserve from remeasurements of defined benefit plans -149 -135 -135 Reserve from the measurement of depti instruments (lvoci) 1 1 1 1 Reserve from the measurement of opuly instruments (lvoci) -4 4 -4 -4 Reserve from changes in the value of foreign currency basis spreads -11 -11 -11 -11 Currency translation reserve -4 2 0 - | Retained earnings | 1,811 | 1,793 | 1,780 | |
| Reserve from remeasurements of defined benefit plans 149 -135 .135 Reserve from the measurement of debt instruments (fvoci) 1 1 1 1 Reserve from the measurement of debt instruments (fvoci) .4 .4 .4 .4 Reserve from the measurement of equity instruments (fvoci) .4 .4 .4 .4 Quernecy translation reserve .4 .2 .2 .0 Common Equity Tier 1 (CET1) capital before regulatory adjustments .2,647 .2,448 .2,554 Regulatory adjustments <t< td=""><td>AT1 bond ²⁾</td><td></td><td>300</td><td>-</td></t<> | AT1 bond ²⁾ | | 300 | - | |
| Reserve from the measurement of deuti instruments (fvoci) 1 1 1 Reserve from the measurement of equity instruments (fvoci) -4 -4 -4 Reserve from changes in the value of foreign currency basis spreads -11 -11 -11 Currency translation reserve -4 2 2 0 Non-controlling interests 2 0 - - 217 Amounts to be deducted - - 217 - 217 Amounts to be deducted - - 217 - - 217 Amounts to be deducted -200 -22 -28 - <t< td=""><td>Other reserves</td><td>-167</td><td>-147</td><td>-147</td></t<> | Other reserves | -167 | -147 | -147 | |
| Reserve from the measurement of equily instruments (tvoci) -4 -4 -4 Reserve from changes in the value of foreign currency basis spreads -11 -11 -11 Currency translation reserve -4 2 2 Non-controlling interests 2 0 Common Equity Tier 1 (CET1) capital before regulatory adjustments 2,847 2,848 2,534 Regulatory adjustments - - -217 Amounts to be deducted -200 -22 -28 Goodwil -102 - -6 Other intangible assets -98 -22 -22 Deferred tax assets dependant on future profitability not resulting from temp. differences - - - INB deficit (non-defaulted exposures) - - - - Oualified investment outside the financial sector (alternative risk weighting 1,250%) - - - - Deductible deferred tax assets dependant on future profitability and resulting from temp. differences - - - - Prudent valuation allowances - - - - - - - - | Reserve from remeasurements of defined benefit plans | -149 | -135 | -135 | |
| Reserve from changes in the value of foreign currency basis spreads-11-11Currency translation reserve-422Non-controlling interests20-Common Equity Tier 1 (CET1) capital before regulatory adjustments2,8472,8482,534Regulatory adjustmentsAmounts to be deducted <td>Reserve from the measurement of debt instruments (fvoci)</td> <td>1</td> <td>1</td> <td>1</td> | Reserve from the measurement of debt instruments (fvoci) | 1 | 1 | 1 | |
| Currency translation reserve422Non-controlling interests20-Common Equity Tier 1 (CET1) capital before regulatory adjustments2,8472,8482,534Regulatory adjustmentsAmounts to be deducted-200-22-41Intangible assets-200-22-28 | Reserve from the measurement of equity instruments (fvoci) | -4 | -4 | -4 | |
| Non-controlling interests20Common Equity Tier 1 (CET1) capital before regulatory adjustments2,8472,8482,534Regulatory adjustmentsAmounts to be deducted-200-22-41Intangible assets-200-22-28Goodwill-102Other intangible assets-98-22-22Deferred tax assets dependent on future profitability not resulting from temp, differencesQualified investment outside the financial sector (alternative risk weighting 1.250%)Deductible deferred tax assets dependant on future profitability and resulting from temp, differencesPrudenti allivancesDeductible deferred tax assets dependant on future profitability and resulting from temp, differencesPrudenti allivancesDeductions pursuant to Art. 3 of the CRR <td< td=""><td>Reserve from changes in the value of foreign currency basis spreads</td><td>-11</td><td>-11</td><td>-11</td></td<> | Reserve from changes in the value of foreign currency basis spreads | -11 | -11 | -11 | |
| Common Equity Tier 1 (CET1) capital before regulatory adjustments2,8472,8482,534Regulatory adjustments <td>Currency translation reserve</td> <td>-4</td> <td>2</td> <td>2</td> | Currency translation reserve | -4 | 2 | 2 | |
| Regulatory adjustments - <td>Non-controlling interests</td> <td>2</td> <td>0</td> <td>-</td> | Non-controlling interests | 2 | 0 | - | |
| Amounts to be deducted-200-22-41Intangible assets-200-22-28Goodwill-1026Other intangible assets-98-22-22Deferred tax assets dependant on future profitability not resulting from temp. differencesIRB deficit (non-defaulted exposures)Qualified investment outside the financial sector (alternative risk weighting 1,250%)Deductible deferred tax assets dependant on future profitability and resulting from temp. differencesPudential filtersPrudential filtersDeductions pursuant to Art. 3 of the CRR< | Common Equity Tier 1 (CET1) capital before regulatory adjustments | 2,847 | 2,848 | 2,534 | |
| Intangible assets-200-22-28Goodwill-1026Other intangible assets-98-22-22Deferred tax assets dependant on future profitability not resulting from termp. differencesIRB deficit (non-defaulted exposures)Qualified investment outside the financial sector (alternative risk weighting 1,250%)Deductible deferred tax assets dependant on future profitability and resulting from ternp. differencesPrudential filtersPrudent valuation allowances | Regulatory adjustments | - | - | -217 | |
| Goodwill -102 - -6 Other intangible assets -98 -22 -22 Deferred tax assets dependant on future profitability not resulting from temp. differences - - -8 IRB deficit (non-defaulted exposures) - - - -8 Qualified investment outside the financial sector (alternative risk weighting 1,250%) - - - Deductible deferred tax assets dependant on future profitability and resulting from temp. differences - - - Prudential filters - - - - Prudent valuation allowances - - - - Deductions pursuant to Art. 3 of the CRR - - - - Components of, or deductions with respect to, Common Equity Tier 1 (CET1) capital - - - - X11 bond - - - - - - Non-controlling interests - - - - - - Contributions by silent partners - - - - - - Common Equity Tier 1 (CET1) capital - - </td <td>Amounts to be deducted</td> <td>-200</td> <td>-22</td> <td>-41</td> | Amounts to be deducted | -200 | -22 | -41 | |
| Other intangible assets-98-22-22Deferred tax assets dependant on future profitability not resulting from temp. differencesIRB deficit (non-defaulted exposures)Qualified investment outside the financial sector (alternative risk weighting 1,250%)Deductible deferred tax assets dependant on future profitability and resulting from temp. differencesPrudential filtersPrudential filtersPrudent valuation allowancesDeductions pursuant to Art. 3 of the CRR <td< td=""><td>Intangible assets</td><td>-200</td><td>-22</td><td>-28</td></td<> | Intangible assets | -200 | -22 | -28 | |
| Deferred tax assets dependant on future profitability not resulting - - -8 IRB deficit (non-defaulted exposures) - - -5 Qualified investment outside the financial sector (alternative risk weighting 1,250%) - - Deductible deferred tax assets dependant on future profitability - - - and resulting from temp. differences - - - Prudential filters - - - Prudent valuation allowances - - - Deductions pursuant to Art. 3 of the CRR - - - Components of, or deductions with respect to, - - - Common Equity Tier 1 (CET1) capital - - - AT1 bond - - - - Non-controlling interests - - - - Contributions by silent partners - - - - Mon-ts to be deducted - - - - Other intangible assets - - - - | Goodwill | -102 | | -6 | |
| from temp. differencesIRB deficit (non-defaulted exposures)Qualified investment outside the financial sector (alternative risk weighting 1,250%)Deductible deferred tax assets dependant on future profitability and resulting from temp. differencesPrudential filtersPrudential filtersObjections pursuant to Art. 3 of the CRRComponents of, or deductions with respect to, Common Equity Tier 1 (CET1) capitalAT1 bondNon-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assetsOther intangible assets | Other intangible assets | -98 | -22 | -22 | |
| IRB deficit (non-defaulted exposures) - - -5 Qualified investment outside the financial sector - - - (alternative risk weighting 1,250%) - - - Deductible deferred tax assets dependant on future profitability - - - and resulting from temp. differences - - - Prudential filters - - - Prudent valuation allowances - - - Deductions pursuant to Art. 3 of the CRR - - - Components of, or deductions with respect to, - - - - Common Equity Tier 1 capital - | | | | -8 | |
| Qualified investment outside the financial sector (alternative risk weighting 1,250%) – – Deductible deferred tax assets dependant on future profitability and resulting from temp. differences – – Prudential filters – – – Prudential filters – – - Prudent valuation allowances – – - Deductions pursuant to Art. 3 of the CRR – – - Components of, or deductions with respect to, Common Equity Tier 1 capital – – - AT1 bond – – 300 I capital instruments with grandfathering rights – – – Non-controlling interests – – – Contributions by silent partners – – – Outher intangible assets – – – | · · · | | | -5 | |
| and resulting from temp. differencesPrudential filtersPrudent valuation allowancesDeductions pursuant to Art. 3 of the CRRComponents of, or deductions with respect to, Common Equity Tier 1 capitalCommon Equity Tier 1 capitalAT1 bondI capital instruments with grandfathering rightsNon-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assetsOther intangible assets | Qualified investment outside the financial sector | | | | |
| Prudent valuation allowancesDeductions pursuant to Art. 3 of the CRRComponents of, or deductions with respect to, Common Equity Tier 1 capitalCommon Equity Tier 1 capitalCommon Equity Tier 1 (CET1) capitalAT1 bondI capital instruments with grandfathering rightsNon-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assets | | | | _ | |
| Deductions pursuant to Art. 3 of the CRR <th -<="" td=""><td>Prudential filters</td><td>-</td><td></td><td>-3</td></th> | <td>Prudential filters</td> <td>-</td> <td></td> <td>-3</td> | Prudential filters | - | | -3 |
| Components of, or deductions with respect to, Common Equity Tier 1 capital30Common Equity Tier 1 (CET1) capital2,318AT1 bond300I capital instruments with grandfathering rights300Non-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assets | Prudent valuation allowances | | | -3 | |
| Common Equity Tier 1 capital30Common Equity Tier 1 (CET1) capital2,318AT1 bond300I capital instruments with grandfathering rights300Non-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assets | Deductions pursuant to Art. 3 of the CRR | - | - | -143 | |
| AT1 bond300I capital instruments with grandfathering rightsNon-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assets | • • • • • | | - | -30 | |
| AT1 bond300I capital instruments with grandfathering rightsNon-controlling interestsContributions by silent partnersAmounts to be deductedOther intangible assets | Common Equity Tier 1 (CET1) capital | - | | 2,318 | |
| Non-controlling interests - - - Contributions by silent partners - - - Amounts to be deducted - - - Other intangible assets - - - | | | | 300 | |
| Contributions by silent partnersAmounts to be deductedOther intangible assets | capital instruments with grandfathering rights | | | - | |
| Amounts to be deductedOther intangible assets | Non-controlling interests | | | _ | |
| Amounts to be deductedOther intangible assets | Contributions by silent partners | | | - | |
| Other intangible assets – – – | | | | - | |
| · | | | | _ | |
| | | | | _ | |

 $^{\scriptscriptstyle 2)}$ Consideration within Additional Tier 1 (AT1) capital.

| | Equity according to reporting scope of consolidation | Equity according to regulatory scope of consolidation | Regulatory capital according to regulatory scope of consolidation |
|---|--|---|--|
| €mn | | | |
| Additional Tier 1 (AT1) capital | - | - | 300 |
| Tier 1 capital (T1) | - | - | 2,618 |
| Capital instruments and subordinated loans eligible as Tier 2 capital | - | | 784 |
| Subordinated liabilities | | | 784 |
| T2 capital instruments with grandfathering rights | _ | _ | _ |
| Subordinated liabilities | - | | |
| Amounts to be deducted | | _ | |
| IRB deficit (non-defaulted exposures) | | | |
| IRB surplus (defaulted exposures) | _ | | 55 |
| Tier 2 capital (T2) | - | _ | 839 |
| Total capital (TC) | - | | 3,457 |

Regulatory capital requirements

The capital requirements for a transaction's counterparty credit risk under the CRSA are essentially based on the following:

- 1. the regulatory classification (balance sheet, off-balance sheet, or derivatives business);
- 2. the amount of the loan at the time of default (Exposure at Default, EaD);

and, under the AIRBA, additionally depends on

- 3. the Probability of Default (PD); as well as
- 4. the Loss Given Default (LGD).

The credit conversion factors for off-balance sheet transactions are predefined by the supervisory authorities for capital requirements under the CRSA. The borrowers are subdivided into exposure classes; the exposure amounts are risk-weighted, based on their external ratings.

As at 30 June 2020, no risks associated with outstanding delivery as part of counterparty risks had to be taken into account when determining counterparty usage limits.

Based on the AIRBA or CRSA calculation approach, the following RWAs and capital requirements were determined as at the reporting date for the types of risk that are relevant for regulatory purposes.

EU OV1: Overview of risk-weighted assets (RWAs)

| | | | RWAs | Regulatory capital requirements |
|----|--|--------------|---------------|---------------------------------|
| | | 30 June 2020 | 31 March 2020 | 30 June 2020 |
| €m | | | | |
| | Credit risk (excluding CCR) | 9,534 | 9,263 | 763 |
| 2 | of which: Credit Risk Standard Approach (CRSA) | 511 | 578 | 41 |
| 3 | of which: Foundation IRB approach (FIRB) | | | |
| 4 | of which: Advanced IRB Approach (AIRBA) | 8,209 | 7,885 | 657 |
| 5 | of which: Equity IRB under the simple risk-weighted approach or the IMA | 815 | 801 | 65 |
| 6 | CCR | 546 | 490 | 44 |
| 7 | of which: Mark to market | 308 | 293 | 25 |
| 8 | of which: Original exposure | - | | |
| 9 | of which: Standardised approach | - | - | - |
| 10 | of which: (IMM) | - | _ | - |
| 11 | of which: Risk exposure amount from contributions to the default fund of a CCP | 0 | 0 | 0 |
| 12 | of which: CVA | 218 | 197 | 17 |
| | of which: securities financing transactions (SFTs) | 20 | _ | 2 |
| 13 | Settlement risk | - | - | |
| 14 | Securitisation exposures in the banking book (after the cap) | - | - | |
| 15 | of which: IRB Approach | - | | |
| 16 | of which: IRB supervisory formula approach (SFA) | - | | |
| 17 | of which: Internal assessment approach (IAA) | - | | |
| 18 | of which: Standardised approach | _ | | |
| 19 | Market risk | 34 | 48 | 3 |
| 20 | of which: Standardised approach | 34 | 48 | 3 |
| 21 | of which: IMA | | | |
| 22 | Large exposures | - | - | - |
| 23 | Operational risk | 1,236 | 1,236 | 99 |
| 24 | of which: Basic indicator approach | 29 | 29 | 2 |
| 25 | of which: Standardised approach | 1,207 | 1,207 | 97 |
| 26 | of which: Advanced measurement approach | | | |
| 27 | Amounts below the thresholds for deduction (subject to 250% risk weight) | 352 | 425 | 28 |
| | Floor adjustment | _ | | |
| | Total | 11,702 | 11,463 | 936 |

Regarding the causes of RWA changes during the second quarter of 2020, reference is made to the explanations in the chapter "Disclosure of own funds".

The simple risk weight method is exclusively used to determine the regulatory capital requirements of the equity investments reported under the AIRBA.

In the following table, the equity investments reported under the AIRBA and previously disclosed on a consolidated level – for which the simple risk weight method is used exclusively pursuant to Article 155 (2) of the CRR – are disclosed separately according to the risk exposures determined in the Regulation.

The specialised lendings held in the portfolio as at the current disclosure date are not assigned any regulatory risk weights prescribed in accordance with Article 153 (5) of the CRR. Therefore, they are not disclosed in table EU CR10.

EU CR10: IRB (specialised lending and equities)

| Regulatory | Remaining maturity | Specialised lending | | | | | | | |
|------------|---------------------------------|-----------------------------|-----------------------------|-------------|------------------------|------|--------------------|--|--|
| categories | | On-balance- sheet amount | Off-balance sheet amount | Risk weight | Exposure at Default | RWAs | Expected losses | | |
| €mn | | | | | | | | | |
| Category 1 | Less than 2.5 years | | | 50% | | | _ | | |
| | Equal to or more than 2.5 years | | | 70% | | _ | _ | | |
| Category 2 | Less than 2.5 years | | | 70% | | | _ | | |
| | Equal to or more than 2.5 years | | | 90% | | _ | | | |
| Category 3 | Less than 2.5 years | | | 115% | | | _ | | |
| | Equal to or more than 2.5 years | | | 115% | | | _ | | |
| Category 4 | Less than 2.5 years | | | 250% | | | | | |
| | Equal to or more than 2.5 years | | _ | 250% | | | _ | | |
| Category 5 | Less than 2.5 years | | | | | | | | |
| | Equal to or more than 2.5 years | | _ | | | | | | |
| Total | Less than 2.5 years | - | _ | | | - | - | | |
| | Equal to or more than 2.5 years | - | - | | - | _ | - | | |

| Regulatory categories | | Equities under the simple risk-weighted approach | | | | | | |
|----------------------------------|-----------------------------|--|-------------|------------------------|------|---------------------------------------|--|--|
| | On-balance- sheet amount | Off-balance sheet amount | Risk weight | Exposure at Default | RWAs | Regulatory capital requirements | | |
| €mn | | | | · · · | | | | |
| Private equity exposures | | | 190% | | - | | | |
| Exchange-traded equity exposures | 0 | | 290% | 0 | 0 | 0 | | |
| Other equity exposures | 220 | | 370% | 220 | 815 | 65 | | |
| Total | 220 | - | | 220 | 815 | 65 | | |

The regulatory capital requirements set out in table EU OV1 for the market risks under the standardised approach are also disclosed in the table EU MR1 for the various market risk positions in accordance with Article 92 (3) lit. c) of the CRR.

EU MR1: Market risk under the standardised approach

| 6 | | a RWAs | b Regulatory capital requirements |
|----|---|-----------|---|
| €n | Outright products | | |
| 1 | Interest rate risk (general and specific) | | |
| 2 | Equity risk (general and specific) | | _ |
| 3 | Foreign exchange risk | 34 | 3 |
| 4 | Commodity risk | | _ |
| | Options | | |
| 5 | Simplified approach | | _ |
| 6 | Delta-Plus method | | _ |
| 7 | Scenario approach | | - |
| 8 | Securitisation (specific risk) | | _ |
| 9 | Total | 34 | 3 |
| | | | |

Credit Risks and Quantitative Information on Credit Risk Mitigation

Aareal Bank defines credit risk – or counterparty credit risk – as the risk of losses being incurred due to (i) a business partner defaulting on contractual obligations; (ii) collateral being impaired; or (iii) a risk arising upon realisation of collateral. Both credit business and trading activities may be subject to counterparty credit risk. Counterparty credit risk exposure from trading activities may refer to risk exposure vis-à-vis counterparties or issuers. Country risk is also defined as a form of counterparty credit risk.

The following chapters are limited to purely quantitative information on credit risk, with different levels of detail.

Credit quality of exposures

In the following tables, the breakdown of past due and impaired exposures and the related allowances required by Article 442 lit. g) and h) of the CRR, as submitted to banking supervisors as part of Solvency reporting, are disclosed with different levels of detail. Pursuant to EBA guidelines, the exposures in tables EU CR1-A to EU CR1-C must be classified as to whether a default under the terms of Article 178 of the CRR exists or not.

Pursuant to Article 1 of the Commission Delegated Regulation (EU) No. 183/2014, general and specific credit risk adjustments require the inclusion of all amounts "...by which an institution's Common Equity Tier 1 capital has been reduced in order to reflect losses exclusively related to credit risk according to the applicable accounting framework and recognised as such in the profit or loss account, irrespective of whether they result from impairments, value adjustments, or provisions for off-balance sheet items."

Aareal Bank's specific credit risk adjustments at the reporting date comprise existing loss allowance carried. For details concerning the recognition of loss allowance, based on the Bank's internal staging and expected credit loss model, please refer to the explanations in Aareal Bank Group's annual report for 2019.¹⁾

Such utilisations are shown in the "Accumulated write-offs" column of the following tables, for information only.

Credit risk adjustment charges disclosed in column f of tables EU CR1-A to EU CR1-C comprise loss allowance recognised and reversed during the reporting period.

EU CR1-A: Credit quality of exposures by exposure class and instrument

| | | а | b | с | d | е | f | g |
|----|--|---------------------|----------------------------|---------------------------------------|--------------------------------------|--------------------------------|--|-----------------|
| | | Gross carry | ing values of | | | | Credit risk adjustment charges of the period - | Net values |
| | | Defaulted exposures | Non-defaulted exposures | Specific credit risk adjustment | General credit risk adjustment | Accumu- lated write-offs | charges of | (a+b-c-d |
| €m | 1 | | | | | | | |
| 2 | Institutions | | | | | _ | _ | - |
| 3 | Corporates | 1,277 | 25,507 | 466 | | 99 | 93 | 26,317 |
| 4 | of which: specialised lending | 1,112 | 23,214 | 425 | | 70 | 178 | 23,901 |
| 5 | of which: SMEs | 165 | 1,037 | 40 | | 28 | -69 | 1,162 |
| 14 | Equity | _ | 220 | | | | _ | 220 |
| | Other non-credit obligation assets | _ | 633 | | | | _ | 633 |
| 15 | Total IRB approach | 1,277 | 26,360 | 466 | - | 99 | 93 | 27,170 |
| 16 | Central governments or central banks | _ | 6,822 | 2 | | | 0 | 6,820 |
| 17 | Regional governments and similar entities | _ | 4,087 | 0 | | | 0 | 4,087 |
| 18 | Other public sector entities | _ | 1,302 | 0 | _ | | 0 | 1,302 |
| 19 | Multilateral development banks | _ | 351 | | _ | | - | 351 |
| 20 | International organisations | _ | 744 | 0 | _ | _ | 0 | 744 |
| 21 | Institutions | _ | 1,459 | 1 | _ | | 0 | 1,458 |
| 22 | Corporates | 8 | 310 | 11 | _ | | 3 | 306 |
| 23 | of which: SMEs | 7 | 135 | 7 | | | 0 | 136 |
| 24 | Retail | 4 | 29 | 1 | _ | 0 | 0 | 32 |
| 25 | of which: SMEs | _ | | _ | _ | | - | |
| 26 | Secured by mortgages on immovable property | _ | 496 | 4 | | | 3 | 49 ⁻ |
| 27 | of which: SMEs | | 136 | 0 | | | | 130 |
| 28 | Exposures in default | 12 | | 8 | | 0 | | - 100 |
| 29 | Items associated with particularly high risk | | | | | | | |

¹⁾ Aareal Bank Group 2019 Annual Report: chapter "Accounting policies", Note (9) in the Notes to the consolidated financial statements, pages 138 et seqq.

| | | а | b | с | d | е | f | g |
|-----|---|------------------------|----------------------------|---------------------------------------|--------------------------------------|--------------------------------|---|------------|
| | | Gross carry | ing values of | | | | | Net values |
| | | Defaulted exposures | Non-defaulted exposures | Specific credit risk adjustment | General credit risk adjustment | Accumu- lated write-offs | Credit risk adjustment charges of the period | (a+b-c-d) |
| €mr | 1 | | | | | | | |
| 30 | Covered bonds | - | 44 | | _ | | | 44 |
| 31 | Claims on institutions and corporates with a short-term credit assessment | _ | | | | _ | | - |
| 32 | Collective investment undertakings | | 46 | | | | | 46 |
| 33 | Equity exposures | _ | 0 | | _ | | | 0 |
| 34 | Other exposures | - | | _ | _ | | | - |
| 35 | Total Standardised Approach | 12 | 15,689 | 20 | - | 0 | 5 | 15,681 |
| 36 | Total | 1,289 | 42,049 | 487 | - | 99 | 99 | 42,851 |
| 37 | of which: loans | 1,288 | 33,008 | 481 | _ | 99 | 97 | 33,815 |
| 38 | of which: debt securities | - | 6,855 | 2 | - | | | 6,853 |
| 39 | of which: off-balance sheet exposures | 1 | 1,333 | 3 | | | 2 | 1,330 |

Table EU CR1-A above additionally includes the figures for exposures in default listed in line 28 for the original CRSA exposure classes (Corporates, Retail, and exposures secured by mortgages on immovable property). In this way, Aareal Bank has implemented the EBA recommendations on disclosure of exposures in default within the scope of this table. Accordingly, line 28 is only for information, since it is not included in the calculation of totals across all CRSA exposure classes.

Aareal Bank monitors industries included in the template EU CR1-B by assigning risk exposures to the industries listed in the EBA Guidelines 2016/11, taking into account the industry codes defined by Deutsche Bundesbank. The presentation thus corresponds to the differentiation by NACE codes in the context of Financial Reporting (FINREP).

EU CR1-B: Credit quality of exposures by industry

| | | а | b | с | d | е | f | g |
|-----|---|------------------------|----------------------------|---------------------------------------|--------------------------------------|---------------------------|---|------------|
| | | Gross carry | ing values of | | | | | Net values |
| | | Defaulted exposures | Non-defaulted exposures | Specific credit risk adjustment | General credit risk adjustment | Accumulated write-offs | Credit risk adjustment charges of the period | (a+b-c-d) |
| €mr | L. C. | | | | | | | |
| 1 | Agriculture forestry and fishing | | 2 | 0 | | | 0 | 2 |
| 2 | Mining and quarrying | | 0 | 0 | | | 0 | 0 |
| 3 | Manufacturing | | 3 | 0 | - | | 0 | 3 |
| 4 | Electricity, gas, steam and air conditioning supply | 7 | 31 | 6 | _ | _ | 0 | 32 |
| 5 | Water supply | 0 | 4 | 0 | | | 0 | 4 |
| 6 | Construction | 216 | 27 | 42 | | 10 | -1 | 201 |
| 7 | Wholesale and retail trade | 43 | 106 | 0 | - | | 0 | 148 |
| 8 | Transport and storage | 0 | 4 | 0 | | | 0 | 4 |
| 9 | Accommodation and food service activities | 83 | 1,681 | 19 | _ | 3 | 1 | 1,745 |
| 10 | Information and communication | | 2 | 0 | | | 0 | 2 |
| | Financial and insurance services | 124 | 8,032 | 83 | | 1 | 3 | 8,073 |
| 11 | Real estate and housing | 680 | 23,197 | 233 | | 81 | 83 | 23,643 |
| 12 | Professional, scientific and technical activities | 0 | 325 | 2 | | | 0 | 324 |
| 13 | Administrative and support service activities | 0 | 24 | 0 | _ | | 0 | 24 |
| 14 | Public administration and defence; compulsory social security | | 8,175 | 2 | | | 0 | 8,173 |
| 15 | Education | | 2 | 0 | | | 0 | 2 |
| 16 | Health and social services | 0 | 7 | 0 | | | 0 | 7 |
| 17 | Arts, entertainment and recreation | 0 | 22 | 0 | | | 0 | 22 |
| 18 | Other service activities | 137 | 406 | 98 | | 4 | 13 | 444 |
| 19 | Total | 1,289 | 42,049 | 487 | - | 99 | 99 | 42,851 |

The presented breakdown of the credit quality by major geographical markets in the table EU CR1-C is based on our three-continent strategy, which covers Europe, North America and Asia/Pacific, as explained in our Annual Report 2019. The breakdown criterion used is the country the respective property used as collateral is located in.

Moreover, countries in which the exposure amounts to at least \in 300 million (before consideration of loss allowances) are listed separately for each region (Germany excluded). All remaining countries are listed under item "Others".

EU CR1-C: Credit quality of exposures by geography

| | | а | b | с | d | е | f | g |
|---------|-----------------|---------------------------------------|---|---------------------------------------|--------------------------------------|---------------------------|---|-------------------------|
| C | _ | Gross carry Defaulted exposures | ing values of Non-defaulted exposures | Specific credit risk adjustment | General credit risk adjustment | Accumulated write-offs | Credit risk adjustment charges of the period | Net values (a+b-c-d) |
| €m 1 | Germany | | 14,715 | 35 | | | 9 | 14,710 |
| 2 | Western Europe | 389 | 10,383 | 65 | | 10 | 13 | 10,706 |
| | Austria | | 1,277 | 0 | | | 0 | 1,277 |
| | Belgium | | 393 | 0 | | | 0 | 393 |
| | Switzerland | | 306 | 0 | | | 0 | 306 |
| | France | 112 | 2,499 | 9 | | 5 | 0 | 2,601 |
| | United Kingdom | 277 | 4,330 | 54 | | 1 | 11 | 4,554 |
| | Netherlands | | 1,223 | 2 | | 4 | 1 | 1,222 |
| | Other | | 354 | 0 | | | 0 | 353 |
| 3 | Northern Europe | 9 | 1,391 | 10 | - | 0 | 1 | 1,391 |
| | Finland | 9 | 558 | 9 | | 0 | 1 | 558 |
| | Sweden | | 774 | 0 | | | 0 | 774 |
| | Other | | 59 | 0 | | | 0 | 59 |
| 4 | Southern Europe | 737 | 3,928 | 307 | - | 88 | 19 | 4,358 |
| | Spain | 41 | 1,590 | 18 | | 2 | 1 | 1,613 |
| | Italy | 696 | 2,302 | 288 | | 86 | 18 | 2,710 |
| | Other | | 35 | 0 | _ | | 0 | 35 |
| 5 | Eastern Europe | 67 | 1,074 | 7 | - | | 3 | 1,134 |
| | Poland | 57 | 683 | 2 | | | 1 | 738 |
| | Other | 9 | 390 | 4 | _ | | 1 | 396 |
| 6 | North America | 58 | 8,594 | 61 | - | | 53 | 8,591 |
| | Canada | | 1,384 | 2 | | | 1 | 1,381 |
| | US | 58 | 7,211 | 59 | | | 52 | 7,210 |
| | Other | | | | | | _ | - |
| 7 | Asia/Pacific | - | 868 | 2 | - | - | 1 | 865 |
| 8 | Other countries | - | 1,097 | 0 | - | | 0 | 1,097 |
| 9 | Total | 1,289 | 42,049 | 487 | - | 99 | 99 | 42,851 |

Pursuant to Article 442 lit. i) of the CRR, the Bank must disclose relevant specific credit risk adjustments during the reporting period. Details are shown in table EU CR2-A (page 18).

EU CR2-A: Changes in the stock of general and specific credit risk adjustments

| | | a Accumulated specific credit risk adjustment | b Accumulated general credit risk adjustment |
|----|--|---|--|
| €m | n | | |
| 1 | Opening balance (1 January) | 388 | - |
| 2 | Increases due to amounts set aside for estimated loan losses during the period (additions) | 124 | |
| 3 | Decreases due to amounts reversed for estimated loan losses during the period (reversals) | -18 | - |
| 4 | Decreases due to amounts taken against accumulated credit risk adjustments (utilisations) | -7 | _ |
| 5 | Transfers between credit risk adjustments | | |
| 6 | Impact of exchange rate differences | -3 | - |
| 7 | Business combinations, including acquisitions and disposals of subsidiaries | - | - |
| 8 | Other adjustments | 3 | - |
| 9 | Closing balance (30 June) | 487 | - |
| 10 | Recoveries on credit risk adjustments recorded directly to the statement of profit or loss (payments on loans and advances previously written off) | 0 | - |
| 11 | Specific credit risk adjustments directly recorded to the statement of profit or loss (direct write-offs) | | |

The following table provides an overview of the changes in the stock of defaulted and impaired loans and debt securities within the first half of 2019.

EU CR2-B: Changes in the stock of defaulted and impaired loans and debt securities

| | | a Gross carrying value defaulted exposures |
|----|--|---|
| €n | n | |
| 1 | Opening balance (1 January) | 1,271 |
| 2 | Loans and debt securities that have defaulted since the last reporting period | 62 |
| 3 | Returned to non-defaulted status | |
| 4 | Amounts written off | -7 |
| 5 | Other changes | -37 |
| 6 | Closing balance (30 June) | 1,289 |

Whilst lines 2 and 3 disclose exposures which have newly defaulted or which returned to non-defaulted status during the period under review, respectively, line 4 sets out utilisations of loss allowance recognised in previous periods against uncollectable exposures.

The changes shown in line 5 mainly result from changes in the measurement of the defaulted risk exposures.

Exposures subject to a general payment moratorium

As a result of the COVID-19 pandemic, both national and European supervisory authorities initiated a number of regulatory activities. These include the following disclosure requirements. They are based on the requirements introduced by EBA that were specified as part of the guidelines on reporting and disclosure of exposures subject to measures applied in response to the COVID-19 crisis (EBA/GL/2020/07) and have to be implemented for the first time as at 30 June 2020.

In the following two tables, only those exposures are assessed that meet the conditions for a general payment moratorium in accordance with Art. 10 of EBA Guidelines EBA/GL/2020/02 ("Guidelines on legislative and non-legislative moratoria on loan repayments applied in the light of the COVID-19 crisis").

Table 1 shows information on the gross carrying amount of performing and non-performing loans and advances that are subject to an EBA-compliant payment moratorium, and on the coverage of existing risks through impairments.

| | | а | b | С | d | е | f | g | h | i | j | k | I | m | n | о |
|----|---|----|-------|---|-------------------------|-------|---|---|----|-------|---|-------------------------|-----|---|---|--|
| | | - | | Gros | ss carryir | ig am | ount | | Ac | cumul | | ment, acc value due | | ated negativ edit risk | ve changes | Gross carrying amount Inflow to non- |
| | | | Perfo | orming exp | osures | Nor | n-performin | g exposures | | Per | forming exp | osures | Nor | n-performin | g exposures | |
| | | | | of which: exposures with for- bearance measures | of which: Stage 2 | | of which: exposures with for- bearance measures | of which: Unlikely to pay and not past due or past due ≤ 90 days | | | of which: exposures with for- bearance measures | of which: Stage 2 | | of which: exposures with for- bearance measures | of which: Unlikely to pay and not past due or past due ≤ 90 days | non- performing |
| €r | mn | | | | | | | | | | | | | | | |
| 1 | Loans and advances subject to moratorium | 45 | 45 | - | 16 | _ | - | _ | 0 | 0 | - | 0 | _ | - | _ | _ |
| 2 | of which: Households | - | | - | _ | - | - | | - | | - | _ | - | _ | _ | |
| 3 | of which: Collateralised by residential immovable property | _ | _ | | | _ | | _ | _ | | _ | | _ | _ | _ | |
| 4 | of which: Non-financial corporations | 45 | 45 | | 16 | _ | | | 0 | 0 | | 0 | _ | | | |
| 5 | of which: SMEs | 45 | 45 | | 16 | _ | | | 0 | 0 | _ | 0 | - | | - | |
| 6 | of which: Collateralised by commercial immovable properties | 41 | 41 | | 16 | _ | | | 0 | 0 | _ | 0 | _ | _ | | |

Table 1: loans and advances subject to legislative and non-legislative moratoria

In the reporting period, Aareal Bank did not hold any exposures subject to a payment moratorium that are classified as non-performing or were classified as such in the context of the COVID-19 crisis. All of the risk exposures presented are loans and advances subject to legislative moratoria. In the context of these legislative moratoria (here: Italy and Germany), there was only a temporary suspension of payments with a corresponding extension of the contractual overall term.

In addition to the exposures disclosed in Table I, Table 2 also shows the exposures for which the moratorium was offered and their number. Moreover, columns g) to k) shows the gross carrying amount of all exposures subject to a payment moratorium, presented by residual maturity of the moratorium.

| | | а | b | с | d | g | h | i | j | k |
|---|---|----------------|----|-------------------------------------|----------------------|---------------|--------------------------|--------------------------|---------------------------|----------|
| | | | | | G | ross carrying | amount | | | |
| | | Number | | | | | Remaini | ng term of mo | oratoria | |
| | | of obligors | | of which: statutory moratoria | of which: expired | ≤ 3 months | > 3 months ≤ 6 months | > 6 months ≤ 9 months | > 9 months ≤ 12 months | > 1 year |
| € | mn | | | | | | | | | |
| 1 | Loans and advances for which a moratorium was offered | 47 | 50 | | | | | | | |
| 2 | Loans and advances for which a moratorium was granted | 47 | 50 | 50 | 4 | 45 | | _ | _ | - |
| 3 | of which: Households | | 4 | 4 | 4 | | | | | - |
| 4 | of which: Collateralised by residential immovable property | | 4 | 4 | 4 | | | | | _ |
| 5 | of which: Non-financial corporations | | 45 | 45 | | 45 | | | _ | _ |
| 6 | of which: SMEs | | 45 | 45 | | 45 | | | | - |
| 7 | of which: Collateralised by commercial immovable properties | | 41 | 41 | | 41 | | | | |

Table 2: Loans and advances by residual maturity of moratoria

Overall, 47 borrowers were granted legislative moratoria on the basis of requests by the customers. A portion of these moratoria refers to consumer credit agreements within the discontinued business in Germany where the moratorium rules no longer apply since 30 June 2020. The total volume subject to continuing forbearance arrangements is reported in column d). In addition, loans in a volume of \in 45 million to Italian loan customers are subject to legislative moratoria applicable until 30 September 2020 due to a corresponding prolongation of payment dates by up to six months. In accordance with legal requirements, the original term of the loan is prolonged by the forbearance period. The residual maturity shown above is the result of the legislative moratorium applicable until 30 September 2020. A forbearance within this portfolio is granted only until 30 September 2020.

Credit risk mitigation

Collateral in the amount of \in 26,348 million was applied within the scope of credit risk mitigation. This figure comprises no financial collateral included for derivatives transactions.

The following table shows collateral for each exposure class considered under AIRBA and CRSA. The real property liens (99%) relevant for Aareal Bank as an international property specialist are disclosed in column c) along with the financial collateral, whereas warranties (financial guarantees) are disclosed under column d). Aareal Bank currently does not hold any credit derivatives which may be used for collateralisation purposes.

In addition to credit risk mitigating collateral and secured exposures (column b)), column a) discloses the amount of all generally unsecured exposures.

EU CR3: Overview of credit risk mitigation techniques

| | a | b | c | d | e |
|--|--|--------------------------------------|---------------------------------------|---|---|
| | Exposures unsecured – Net amount | Exposures secured – Net amount | Exposures secured by collateral | Exposures secured by financial guarantees | Exposures secured by credit derivatives |
| .€ | | | | | |
| Total IRB approach | 1,462 | 25,708 | 25,518 | 17 | - |
| Institutions | - | - | - | | - |
| Corporates | 609 | 25,708 | 25,518 | 17 | - |
| of which: specialised lending | 163 | 23,738 | 23,675 | - | - |
| of which: SMEs | 66 | 1,095 | 1,027 | 17 | - |
| Equity exposures | 220 | _ | - | _ | |
| Other non-credit related assets | 633 | _ | - | _ | - |
| Total Standardised Approach | 13,806 | 1,875 | 503 | 310 | - |
| Central governments or central banks | 6,820 | _ | - | _ | - |
| Regional governments and similar entities | 4,087 | _ | - | _ | - |
| Other public-sector entities | 1,148 | 154 | _ | 143 | |
| Multilateral development banks | 351 | | _ | | |
| International organisations | 744 | _ | _ | | _ |
| Institutions | 314 | 1,144 | _ | 151 | |
| Covered bonds | 44 | _ | _ | _ | _ |
| Corporates | 231 | 74 | 11 | 6 | |
| of which: SMEs | 96 | 39 | 11 | 2 | _ |
| Retail | 28 | 1 | _ | | _ |
| of which: SMEs | _ | _ | _ | _ | _ |
| Secured by mortgages on immovable property | | 491 | 491 | | |
| of which: SMEs | | 136 | 136 | | |
| Collective investment undertakings (CIU) | 37 | 8 | | 8 | |
| Equity exposures | | | | | |
| Other items | | | | | |
| Exposures in default | | | 0 | 1 | |
| Exposures associated with particularly high risk | | | | | |
| Total loans | 7,142 | | 24,850 | 32 | |
| Total debt securities | 6,559 | | 24,000 | | |
| Total | <u> </u> | 294 27,583 | 26,021 | 327 | |
| of which: defaulted | 24 | 1,332 | 823 | 1 | |

Credit Risk Standard Approach

Identical types of collateral respond differently, depending on what transactions they can be offset against.

This is due to the composition of the CRSA exposure amount as well as the exposure categories for undrawn credit facilities and other off-balance sheet transactions (Article 111 of the CRR in conjunction with Annex I of the CRR). The credit conversion factors assigned to each exposure category ensure that lower regulatory capital requirements are calculated for loan commitments and other off-balance sheet transactions rather than on-balance sheet receivables.

Cash deposits as financial collateral and warranties within the meaning of the CRR can be distinguished in terms of how they mitigate credit risk:

- Financial collateral reduces the assessment basis to which the credit conversion factor is applied. The risk weight impacts the exposure amount.
- Warranties do not impact on the assessment basis, but on the risk weighting. A loan collateralised through a warranty is taken into account, with the warranty amount to be included and the risk weight of the guarantor in the guarantor's exposure class.

The following table shows CRSA exposure amounts both before and after mitigating credit risk, shown separately as on- and off-balance sheet exposures. In addition, risk-weighted assets (RWAs) are disclosed for each exposure class.

| E | xposure classes | а | b | с | d | е | f |
|----|--|--------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|------------|----------------|
| | | Exposures be | fore CCF and CRM | Exposures po | st CCF and CRM | RWAs and R | WA density |
| | | On-balance- sheet amount (EAD) | Off-balance-sheet amount (EAD) | On-balance- sheet amount (EAD) | Off-balance-sheet amount (EAD) | RWAs | RWA density |
| | | €mn | €mn | €mn | €mn | €mn | % |
| 1 | Central governments or central banks | 6,820 | _ | 7,123 | - | 14 | 0.20 |
| 2 | Regional governments and similar entities | 4,087 | _ | 4,094 | - | 359 | 8.77 |
| 3 | Other public-sector entities | 1,300 | 1 | 1,146 | - | 2 | 0.19 |
| 4 | Multilateral development banks | 351 | _ | 351 | | _ | _ |
| 5 | International organisations | 744 | _ | 744 | - | _ | _ |
| 6 | Institutions | 1,458 | | 355 | | 99 | 27.97 |
| 7 | Corporates | 209 | 96 | 162 | 15 | 173 | 97.79 |
| 8 | Retail | 28 | 1 | 28 | 0 | 21 | 75.00 |
| 9 | Secured by mortgages on immovable property | 491 | _ | 491 | _ | 181 | 36.75 |
| 10 | Exposures in default | 4 | | 3 | _ | 4 | 122.64 |
| 11 | Items associated with particularly high risk | _ | _ | | | | _ |
| 12 | Covered bonds | 44 | | 44 | | 4 | 10.00 |

EU CR4: Credit Risk Standard Approach - credit risk exposure and credit risk mitigation effects

| Exposure classes | а | b | с | d | e | f |
|--|--------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|------------|----------------|
| | Exposures be | fore CCF and CRM | Exposures po | st CCF and CRM | RWAs and R | NA density |
| | On-balance- sheet amount (EAD) | Off-balance-sheet amount (EAD) | On-balance- sheet amount (EAD) | Off-balance-sheet amount (EAD) | RWAs | RWA density |
| | €mn | €mn | €mn | €mn | €mn | % |
| 13 Claims on institutions and corporates with a short-term credit assessment | _ | _ | - | _ | - | _ |
| 14 Collective investment undertakings (CIU) | 46 | | 37 | _ | 4 | 11.83 |
| 15 Equity exposures | 0 | | 0 | | 0 | 100.00 |
| 16 Other exposures | | | | | | - |
| 17 Total | 15,583 | 98 | 14,579 | 15 | 863 | 5.91 |

The table EU CR5 shows the exposure amount after mitigating credit risk of all exposures to which CRSA is applied, for each exposure class and broken down according to risk weight pursuant to Article 114 et seqq. of the CRR. The exposures disclosed in the column "of which: unrated" are exposures for which no external rating is used to derive the risk weight.

EU CR5: Standardised approach (after credit risk mitigation)

| Exposure classes | | | | | | | | | E | xposı | ıre cla | sses | | | | | | |
|--|--------|----|----|-----|-----|-----|-----|-----|-----|-------|---------|------|------|-------|--------|---------------|--------|-------------------------|
| | 0% | 2% | 4% | 10% | 20% | 35% | 50% | 70% | 75% | 100% | 150% | 250% | 370% | 1250% | Others | Deduc- ted | Total | of which: unrated |
| €mn | | | | | | | | | | | | | | | | | | |
| 1 Central governments or central banks | 7,052 | - | - | - | 70 | _ | _ | - | - | - | - | - | - | - | - | | 7,123 | 6,956 |
| 2 Regional governments and | | | | | | | | | | | | | | | | | | |
| similar entities | 3,918 | - | - | - | 35 | - | - | - | - | - | - | 141 | - | - | - | - | 4,094 | 4,060 |
| 3 Other public-sector entities | 1,135 | _ | - | - | 11 | _ | _ | _ | _ | _ | _ | - | _ | _ | _ | - | 1,146 | 1,135 |
| 4 Multilateral development banks | 351 | _ | - | - | _ | _ | _ | - | - | _ | _ | _ | _ | _ | _ | _ | 351 | 351 |
| 5 International organisations | 744 | - | - | - | _ | _ | _ | - | - | _ | _ | - | _ | _ | _ | _ | 744 | 744 |
| 6 Institutions | - | _ | - | - | 261 | _ | 94 | _ | _ | _ | _ | - | _ | _ | _ | _ | 355 | _ |
| 7 Corporates | - | - | - | - | _ | _ | 0 | - | - | 177 | _ | _ | _ | _ | _ | _ | 177 | 177 |
| 8 Retail | - | - | - | - | - | _ | _ | _ | 28 | - | _ | - | - | - | _ | _ | 28 | 28 |
| 9 Secured by mortgages | | | | | | | | | | | | | | | | | | |
| on immovable property | - | - | - | - | _ | 406 | 85 | - | - | - | - | - | - | - | _ | - | 491 | 491 |
| 10 Exposures in default | - | - | - | - | - | _ | _ | _ | - | 2 | 1 | - | - | _ | _ | _ | 3 | 3 |
| 11 Exposures associated | | | | | | | | | | | | | | | | | | |
| with particularly high risk | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 Covered bonds | - | - | - | 44 | _ | _ | _ | - | - | _ | _ | _ | _ | _ | _ | _ | 44 | |
| 13 Institutions and corporates with | | | | | | | | | | | | | | | | | | |
| a short-term credit assessment | - | - | - | - | _ | - | - | - | - | - | - | - | - | - | _ | - | - | - |
| 14 Collective investment undertakings CIU) | - | - | - | - | - | _ | _ | _ | _ | _ | _ | - | - | _ | 37 | _ | 37 | 37 |
| 15 Equity | - | - | - | - | - | - | _ | - | - | 0 | - | - | - | - | _ | _ | 0 | 0 |
| 16 Other items | - | - | - | - | - | _ | _ | - | _ | _ | _ | _ | _ | _ | _ | _ | - | |
| 17 Total | 13,201 | - | - | 44 | 378 | 406 | 180 | - | 28 | 179 | 1 | 141 | - | - | 37 | - | 14,594 | 13,983 |

Advanced IRB Approach (AIRBA)

EU CR6: IRB approach - Credit risk exposures by exposure class and PD range

| IRBA exposure class | PD scale | а | b | с | d | е | |
|----------------------------------|-------------------|--|---|-------------|------------------------------|------------|--|
| | | Original on-balance sheet gross exposure | Off-balance sheet exposures pre-CCF | Average CCF | EaD post CRM and post-CCF | Average PD | |
| | % | €mn | €mn | % | €mn | % | |
| Corporates – SMEs | 0.00 to < 0.15 | 31 | | _ | 31 | 0.10 | |
| | 0.15 to < 0.25 | 109 | 6 | 100.00 | 119 | 0.22 | |
| | 0.25 to < 0.50 | 208 | 27 | 100.00 | 241 | 0.40 | |
| | 0.50 to < 0.75 | 208 | 18 | 100.00 | 231 | 0.70 | |
| | 0.75 to < 2.50 | 239 | 19 | 100.00 | 266 | 1.36 | |
| | 2.50 to < 10.00 | 170 | 3 | 100.00 | 175 | 3.41 | |
| | 10.00 to < 100.00 | _ | | _ | | | |
| | 100.00 (Default) | 165 | | _ | 165 | 100.00 | |
| | Subtotal | 1,129 | 73 | 100.00 | 1,228 | 14.43 | |
| Corporates – specialised lending | 0.00 to < 0.15 | 253 | | _ | 259 | 0.09 | |
| | 0.15 to < 0.25 | 1,387 | 32 | 100.00 | 1,452 | 0.23 | |
| | 0.25 to < 0.50 | 3,077 | 46 | 100.00 | 3,193 | 0.43 | |
| | 0.50 to < 0.75 | 4,536 | 198 | 100.00 | 4,841 | 0.70 | |
| | 0.75 to < 2.50 | 8,608 | 293 | 100.00 | 9,092 | 1.39 | |
| | 2.50 to < 10.00 | 4,630 | 137 | 100.00 | 4,864 | 2.91 | |
| | 10.00 to < 100.00 | 18 | | _ | 18 | 30.00 | |
| | 100.00 (Default) | 1,111 | 1 | _ | 1,115 | 100.00 | |
| | Subtotal | 23,620 | 706 | 100.00 | 24,834 | 5.80 | |
| Corporates – Others | 0.00 to < 0.15 | 245 | - | _ | 250 | 0.10 | |
| | 0.15 to < 0.25 | 16 | 78 | 100.00 | 96 | 0.23 | |
| | 0.25 to < 0.50 | 158 | 114 | 100.00 | 279 | 0.40 | |
| | 0.50 to < 0.75 | 134 | 175 | 100.00 | 316 | 0.70 | |
| | 0.75 to < 2.50 | 217 | 72 | 100.00 | 297 | 1.23 | |
| | 2.50 to < 10.00 | 29 | 18 | 100.00 | 48 | 2.62 | |
| | 10.00 to < 100.00 | _ | | _ | | - | |
| | 100.00 (Default) | | | | | - | |
| | Subtotal | 800 | 456 | 100.00 | 1,285 | 0.68 | |
| | Total | 25,548 | 1,236 | 100.00 | 27,347 | 5.94 | |
| | | | | | | | |

The property lending portfolio (treated under the AIRBA) shall be disclosed in the EU CR6 table to be published on a half-yearly basis, which considers clearly-defined PD classes. Expected loss (EL) is also reported per PD class, thus also ensuring a statement concerning the collateral quality.

Exposures subject to counterparty credit risk pursuant to Article 92 (3) lit. f of the CRR and treated under the IRBA are not covered in the statements.

| Expected Loss (EL) € mn | RWA density | Risk-weighted | | | |
|--|-------------|---|--|---|---|
| €mn | | items (RWAs) | Average maturity | Average LGD | Number of obligors |
| | % | €mn | L | % | |
| 0 | 2.51 | 1 | 900 | 4.53 | 2 |
| 0 | 8.07 | 10 | 982 | 9.15 | 27 |
| 0 | 32.64 | 79 | 900 | 24.14 | 41 |
| 0 | 22.90 | 53 | 900 | 14.81 | 36 |
| 1 | 32.19 | 86 | 947 | 15.78 | 29 |
| 2 | 78.10 | 137 | 763 | 30.51 | 16 |
| - // | - | - | | | _ |
| 66 | 37.88 | 62 | 900 | 42.93 | 12 |
| 70 | 34.74 | 427 | 899 | 22.05 | 163 |
| 0 | 2.75 | 7 | 1,021 | 4.63 | 8 |
| 0 | 6.19 | 90 | 1,167 | 5.87 | 49 |
| 1 | 7.09 | 226 | 1,052 | 4.76 | 52 |
| 3 | 18.38 | 890 | 1,146 | 9.04 | 111 |
| 13 | 22.98 | 2,090 | 1,134 | 10.06 | 141 |
| 25 | 45.05 | 2,191 | 1,042 | 16.60 | 88 |
| 0 | 27.43 | 5 | 1,795 | 4.32 | 2 |
| 257 | 77.03 | 859 | 838 | 29.25 | 28 |
| 299 | 25.60 | 6,358 | 1,096 | 11.01 | 479 |
| 0 | 10.88 | 27 | 1,800 | 9.56 | 2 |
| 0 | 53.50 | 51 | 1,374 | 38.88 | 4 |
| 0 | 66.26 | 185 | 1,362 | 37.99 | 23 |
| 1 | 110.60 | 349 | 1,636 | 42.87 | 16 |
| 1 | 55.61 | 165 | 1,475 | 20.68 | 14 |
| 0 | 27.87 | 13 | 1,243 | 9.20 | 3 |
| | - | | | | |
| | - | | | | |
| 2 | 61.56 | 791 | 1,537 | 28.66 | 62 |
| 371 | 27.70 | 7,575 | 1,108 | 12.34 | 664 |
| 0 0 1 2 - - 6 6 0 0 0 1 1 2 - - 6 6 0 0 0 1 1 3 3 5 5 0 0 7 7 9 9 0 0 0 1 1 1 2 - - - 6 6 0 0 0 1 1 2 - - - - - - - - - - - - - - - - - | | 32.64 22.90 32.19 78.10 - 37.88 6 34.74 7 2.75 6.19 7.09 18.38 22.98 110.60 55.61 27.87 - 66.26 110.60 55.61 27.87 - - - 61.56 | 79 32.64 53 22.90 86 32.19 137 78.10 - - 62 37.88 427 34.74 7 2.75 90 6.19 226 7.09 890 18.38 2,090 22.98 1 45.05 2 27.43 859 77.03 27 10.88 51 53.50 27 10.88 51 53.50 185 66.26 349 110.60 165 55.61 13 27.87 - - - - - - - - - - - - - - - - - - - - - - - - - - | 900 79 32.64 900 53 22.90 947 86 32.19 763 137 78.10 - - - 900 62 37.88 6 899 427 34.74 7 1,021 7 2.75 - 1,021 7 2.75 - 1,052 226 7.09 - 1,052 226 7.09 - 1,146 890 18.38 - - 1,042 2,191 45.05 2 - 1,042 2,191 45.05 2 - - 1,042 2,191 45.05 2 - - - - 1,042 2,191 45.05 2 - - - - - - - - - - - - - - - - - - | 24.14 900 79 32.64 14.81 900 53 22.90 15.78 947 86 32.19 30.51 763 137 78.10 - - - - 42.93 900 62 37.88 6 22.05 899 427 34.74 7 4.63 1,021 7 2.75 - 5.87 1,167 90 6.19 - 4.76 1,052 226 7.09 - 9.04 1,146 890 18.38 - 10.06 1,042 2,191 45.05 2 4.32 1,795 5 27.43 - 29.25 838 859 77.03 25 11.01 1,096 6,358 25.60 29 9.56 1,800 27 10.88 - 38.88 1,374 51 53.50 - 37.99 1,362 185 66.26 - 9.20 <t< td=""></t<> |

The table EU CR8 (page 26) provides an overview of the RWA changes and the associated causes to be analysed since 31 March 2020.

The starting and end balances represent the sums of figures disclosed in lines 4 and 5 of table EU OV1 for the respective reporting date.

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

| | | a | b |
|----|------------------------------|------------------------------|------------------------------------|
| | | Risk-weighted items (RWA) | Regulatory capital requirements |
| €n | nn | | |
| 1 | Position as at 31 March 2020 | 8,686 | 695 |
| 2 | Asset size | 111 | 9 |
| 3 | Asset quality | 278 | 22 |
| 4 | Model updates | | - |
| 5 | Methodology and policy | - | - |
| 6 | Acquisitions and disposals | | - |
| 7 | Foreign exchange movements | -52 | -4 |
| 8 | Other | | _ |
| 9 | Position as at 30 June 2020 | 9,024 | 722 |
| | | | |

Besides exposures from new business originated, the changes reported in line 2 also include RWA changes from existing exposures – where we also include investments and other non-credit related assets, except for changes purely related to exchange rate fluctuations, which are presented separately in line 7.

Line 3 reports changes in risk-weighted exposures resulting from changed borrower probabilities of default or loss given default. The main drivers for the change compared to the previous quarter are changes in the quality of the credit portfolio due to a COVID-19-related increase in the borrowers' probabilities of default. However, the RWA increase does not reflect any anticipated rating changes given the management overlay. The same applies to properties where there were indications for a fluctuation in value. Due to the COVID-19 pandemic, only a very limited number of new appraisals could be obtained. Specifically, retail properties were closed well into the second quarter – with hotels being closed beyond this period in some cases.

At present, line 4 does not show any changes; this is due to the fact that no new models for estimating risk parameters were implemented, nor were any adjustments made to internal models already approved.

Line 5 only requires disclosure of any changes resulting from a changed RWA calculation methodology – for example, where exposures previously subject to the CRSA are being included under the Advanced IRB Approach. No such changes applied during the period under review.

Line 6 does not show any changes, due to the fact that Aareal Bank did not acquire any new investments (or disposed of any existing investments) outside the regulatory scope of consolidation, which need to be included as RWAs in the reporting pursuant to sections 10 and 10a of the KWG.

No figures are shown in line 8 since we were able to assign RWA changes within Aareal Bank Group to the aforementioned categories.

Counterparty Credit Risk

The counterparty credit risk results from derivatives and securities financing transactions, the risk being that the transaction's counterparty defaults. Thus, the transaction could not be settled as intended.

Derivatives are defined for regulatory purposes as "...unconditional forward transactions or option contracts (including financial contracts for differences) that are structured as a purchase, exchange or other acquisition of an underlying instrument, whose value is determined by reference to the underlying instrument and whose value may change in future for at least one counterparty due to future settlement" (section 19 (1a) of the KWG).

Aareal Bank Group's derivatives positions have substantially been entered into in order to hedge interest rate and currency risk exposure, and for refinancing purposes.

The equivalent value of derivatives and the related counterparty credit risk are determined using the mark-to-market method (Article 274 of the CRR) for the purpose of regulatory reporting.

The securities financing transactions (SFT) of Aareal Bank are generally treated in accordance with the comprehensive method pursuant to Part 3 Title II Chapter 4 of the CRR. Bilateral master netting agreements have been concluded with all counterparties. However, Aareal Bank currently does not make any use of this netting option.

Pursuant to Article 439 of the CRR, Aareal Bank is obliged to disclose details on the calculation of the exposure value, and on the methods to include financial collateral for securities financing transactions, as set out in table EU CCR1. However, this excludes trades concluded with a central counterparty (CCP) or CCP-related transactions, as well as capital requirements for credit valuation adjustment (CVA). These transactions are analysed in the following tables.

EU CCR1: Analysis of CCR exposure by approach

| | | а | b | с | d | е | f | g |
|----|---|----------|---|--|------|------------|-----------------|------|
| | | Notional | Replacement cost / current market value | Potential future replacement value | EEPE | Multiplier | EAD post CRM | RWAs |
| €n | n | | | | | | | |
| 1 | Mark to market | | 5,080 | 462 | | | 535 | 307 |
| 2 | Original exposure | _ | | | | | | |
| 3 | Standardised approach | | | | | - | | _ |
| 4 | IMM (for derivatives and SFTs) | | | | _ | _ | | _ |
| 5 | of which: securities financing transactions (SFTs) | | | | - | | | |
| 6 | of which: derivatives and long-term settlement transactions | | | | _ | _ | _ | _ |
| 7 | of which: from contractual cross-product netting | | | | - | | | |
| 8 | Financial collateral simple method (for SFTs) | | | | | | _ | _ |
| 9 | Financial collateral comprehensive method (for SFTs) | | | | | | 1 | 0 |
| 10 | VaR for SFTs | | | | | | | |
| 11 | Total | | | | | | | 307 |

The following table, EU CCR2, gives an overview of the credit value adjustment (CVA) calculations, resulting in additional capital requirements aimed at absorbing the risk of a negative change in the market value of OTC derivatives in the case of a decline in the counterparty's credit quality. Aareal Bank uses the standard method pursuant to Article 384 of the CRR for calculating the CVA charge.

EU CCR2: CVA capital charge

| | | a EAD | b RWAs |
|-----|--|----------|-----------|
| €mn | | | |
| 1 | Total portfolios subject to the advanced method | | - |
| 2 | i) VaR component (including the 3x multiplier) | | - |
| 3 | ii) VaR component under stress conditions (sVaR, including the 3x multiplier) | | _ |
| 4 | All portfolios subject to the standardised method | 471 | 218 |
| EU4 | Based on the original exposure method | | - |
| 5 | Total subject to the CVA capital charge | 471 | 218 |

Table EU CCR8 discloses the exposure value and risk-weighted exposure (RWA) for exposures to central counterparties. As at the reporting date, Eurex Clearing AG (in short: Eurex) and LCH.Clearnet Limited (which are both qualified counterparties) acted as central counterparties to Aareal Bank. There were no exposures to non-qualified CCPs as at 30 June 2020. In accordance with section 306 (2) of the CRR, for the purpose of solvency reporting, Aareal Bank assigns an exposure value of zero to initial margin pledged to Eurex.

EU CCR8: Exposures to CCPs

| | | a EAD post CRM | b RWAs |
|----|---|-------------------|-----------|
| €m | - 1 | | |
| 1 | Exposures to QCCPs (total) | | 21 |
| 2 | Exposures from trades at QCCPs (excluding initial margin and default fund contributions); of which | 1,047 | 21 |
| 3 | i) OTC derivatives | 47 | 1 |
| 4 | ii) Exchange-traded derivatives | - | |
| 5 | iii) SFTs | 1,000 | 20 |
| 6 | iv) Netting sets where cross-product netting has been approved | _ | |
| 7 | Segregated initial margin | 27 | |
| 8 | Non-segregated initial margin | - | - |
| 9 | Pre-funded default fund contributions | 8 | |
| 10 | Alternative calculation of own funds requirements for exposures | | |
| 11 | Exposures to non-QCCPs (total) | | - |
| 12 | Exposures from trades at non-QCCPs (excluding initial margin and default fund contributions); of which | - | |
| 13 | i) OTC derivatives | - | |

| | | a EAD post CRM | b RWAs |
|-----|--|-------------------|-----------|
| €mr | 1 | | |
| 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 | Pre-funded default fund contributions | - | _ |
| 20 | Unfunded default fund contributions | - | _ |

Table EU CCR3 discloses the exposure amount after mitigating credit risk of all counterparty credit risk exposures to which CRSA is applied, by analogy with table EU CR5 for each exposure class, and broken down according to risk weight pursuant to Article 114 et seqq. of the CRR.

EU CCR3: Standardised approach - counterparty credit risk exposure by supervisory portfolio and risk

| Exposure classes | Risk weight | | | | | | | | | | | | |
|--|-------------|-------|----|-----|-----|-----|-----|-----|------|------|-------|-------|----------------------|
| | 0% | 2% | 4% | 10% | 20% | 50% | 70% | 75% | 100% | 150% | Other | Total | of which: unrated |
| €mn | | | | | | | | | | | | | |
| 1 Central governments or central banks | _ | _ | - | - | _ | _ | - | _ | - | - | | - | |
| 2 Regional governments and similar entities | _ | _ | _ | _ | | | _ | _ | _ | _ | | _ | _ |
| 3 Other public-sector entities | 1 | _ | - | _ | _ | _ | _ | _ | _ | _ | | 1 | 1 |
| 4 Multilateral development banks | - | _ | - | - | - | - | _ | - | - | _ | | _ | - |
| 5 International organisations | - | - | - | - | - | - | - | - | - | - | _ | - | - |
| 6 Institutions | - | 1,047 | _ | - | 173 | 296 | - | - | - | - | _ | 1,515 | 1,068 |
| 7 Corporates | - | _ | - | - | 0 | - | - | - | 2 | - | _ | 2 | 2 |
| 8 Retail | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 Claims on institutions and corporates with a short-term credit assessment | _ | _ | - | - | _ | _ | - | _ | _ | _ | _ | _ | - |
| 10 Other exposures | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 Total | 1 | 1,047 | _ | _ | 173 | 296 | _ | _ | 2 | _ | _ | 1,519 | 1,071 |

The following table EU CCR4 (page 30) shows the derivative exposures treated in AIRBA – by analogy with the table EU CR6 within clearly-defined PD classes. The IRBA exposures classified as specialised lending as at the reporting date do not comprise any derivative exposures.

The derivatives held by Aareal Bank Group, and entered into with internally rated property customers whose share in EaD after mitigating the credit risk of the entire AIRBA client portfolio is below one per cent, are mainly used to hedge interest rate and currency risks. As the available collateral is fully considered within the scope of determining the LGD of the respective property financing, a default LGD of 90% is used for calculating the expected loss on the derivatives.

EU CCR4: IRB approach - counterparty credit risk exposure by portfolio and PD scale

| IRBA exposure class | PD scale | а | b | с | d | е | f | g |
|---------------------|-------------------|-----------------|------------|-----------------------|-------------|---------------------|------|----------------|
| | | EAD post CRM | Average PD | Number of obligors | Average LGD | Average maturity | RWAs | RWA density |
| | | €mn | % | | % | | €mn | % |
| Corporates – SMEs | 0.00 to < 0.15 | _ | - | | | | _ | - |
| | 0.15 to < 0.25 | 4 | 0.23 | 6 | 90.00 | 900 | 3 | 80.80 |
| | 0.25 to < 0.50 | 10 | 0.47 | 3 | 90.00 | 900 | 11 | 115.12 |
| | 0.50 to < 0.75 | 4 | 0.70 | 7 | 90.00 | 1,016 | 6 | 142.34 |
| | 0.75 to < 2.50 | 12 | 1.21 | 14 | 90.00 | 905 | 22 | 174.80 |
| | 2.50 to < 10.00 | 21 | 3.12 | 2 | 90.00 | 1,081 | 52 | 250.75 |
| | 10.00 to < 100.00 | _ | _ | | | | - | - |
| - | 100.0 (Default) | | _ | | | | | _ |
| | Subtotal | 51 | 1.72 | 32 | 90.00 | 983 | 94 | 183.99 |
| Corporates – Others | 0.00 to < 0.15 | _ | _ | _ | _ | _ | _ | _ |
| | 0.15 to < 0.25 | _ | _ | | | | - | - |
| | 0.25 to < 0.50 | _ | _ | | | | _ | _ |
| | 0.50 to < 0.75 | 9 | 0.70 | 1 | 90.00 | 1,505 | 19 | 214.62 |
| | 0.75 to < 2.50 | 5 | 1.16 | 2 | 90.00 | 1,173 | 10 | 226.78 |
| | 2.50 to < 10.00 | - | _ | | | | _ | _ |
| | 10.00 to < 100.00 | _ | _ | _ | | | _ | _ |
| | 100.0 (Default) | - | - | | | | - | - |
| | Subtotal | 14 | 0.86 | 3 | 90.00 | 1,392 | 29 | 218.74 |
| | Total | 65 | 1.54 | 35 | 90.00 | 1,069 | 123 | 191.23 |

Pursuant to Article 439 lit. (e) of the CRR, Aareal Bank must disclose the effect of netting and of collateral held on the exposure value of derivatives and securities financing transactions (including those settled via a CCP), in table EU CCR5-A, broken down by type of contract.

Master agreements with netting clauses provide for the netting of claims and liabilities in the event of insolvency or counterparty default, and thus further reduce counterparty risk.

The collateral received for securities financing transactions with a market value of \in 1,000 million currently does not fully meet with the requirements of Part 3 Title II Chapter 4 of the CRR. Only collateral eligible for inclusion from solvency reporting is included in table EU CCR5-A.

EU CCR5-A: Impact of netting and collateral held on exposure values

| | а | b | c | d | е |
|-------------------------|--|------------------|--------------------------------|-----------------|------------------------|
| | Gross positive fair value or net carrying amount | Netting benefits | Netted current credit exposure | Collateral held | Net credit exposure |
| €mn | | | | | |
| 1 Derivatives | 2,055 | 1,183 | 872 | 845 | 27 |
| 2 SFTs | 1,502 | - | 1,502 | 502 | 1,001 |
| 3 Cross-product netting | | - | _ | _ | - |
| 4 Total | 3,557 | 1,183 | 2,374 | 1,347 | 1,027 |

The aggregate positive replacement value for our derivatives contracts subject to reporting requirements stood at $\in 2,055$ million as at 30 June 2020. This amount is reduced to $\in 27$ million through netting framework agreements in the amount of $\in 1,183$ million and the deduction of collateral provided in the amount of $\in 845$ million.

At present, Aareal Bank does not use credit derivatives to hedge individual contracts, nor does it act as a broker, seller or buyer of credit derivatives.

Table EU CCR5-B supplements the disclosure requirements under Article 439 lit. (e) of the CRR, as well as the disclosures in table EU CCR5-A with additional information on collateral received or posted. For this purpose, collateral received or posted must be broken down by type of financial instrument, and by segregated and non-segregated collateral. Collateral is deemed to be segregated if client assets are bankruptcy-remote as defined in Article 300 (1) of the CRR.

EU CCR5-B: Composition of collateral for exposures subject to counterparty credit risk

| | а | b | с | d | е | f | |
|-----------------------------------|------------|---------------------------|---------------------------------|--------------|-----------------------------------|---------------------------------|--|
| | Co | llateral used in de | erivative transa | actions | Collateral used in SFTs | | |
| | | e of collateral ceived | Fair value of posted collateral | | Fair value of collateral received | Fair value of posted collateral | |
| | Segregated | Unsegregated | Segregated | Unsegregated | | | |
| € mn | | | | | | | |
| Cash collateral | 117 | 729 | 130 | 950 | | | |
| Government bonds | | - | - | 130 | | | |
| Securities financing transactions | | - | _ | | 1,502 | | |
| otal | 117 | 729 | 130 | 1,080 | 1,502 | | |

Leverage Ratio

The Bank manages the risk of excessive leverage on a quarterly basis, within the scope of forecasting own funds. For this purpose, both Tier I capital and total assets are forecast for the year-end dates of the two following years, one month prior to the end of each quarter. In this context, the minimum 3% Leverage Ratio, as set out in the framework published by the Basel Committee on Banking Supervision in 2014, must be complied with at any time. The information is then submitted to senior management.

Aareal Bank determines the Leverage Ratio to be disclosed, taking into account the regulatory scope of consolidation, based on the Delegated Regulation (EU) 2015/62.

The following disclosure tables are based on the requirements set out in the Implementation Regulation (EU) 2016/200 dated 15 February 2016.

LRSum: Summary reconciliation of accounting assets and leverage ratio exposures

| | | Applicable amount |
|-------|---|-------------------|
| €mn | | |
| 1 | Total assets as per published financial statements | 45,322 |
| 2 | Adjustment for entities which are consolidated for accounting purposes but are outside the scope of regulatory consolidation | 284 |
| 3 | (Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting framework but excluded from the leverage ratio total exposure measure in accordance with Article 429 (13) of Regulation (EU) 575/2013) | _ |
| 4 | Adjustments for derivative financial instruments | -2,187 |
| 5 | Adjustments for securities financing transactions (SFTs) | 1,001 |
| 6 | Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures) | 524 |
| EU-6a | (Adjustment for intra-group exposures excluded from the leverage ratio total exposure measure in accordance with Article 429 (7) of Regulation (EU) 575/2013) | |
| EU-6b | (Adjustment for exposures excluded from the leverage ratio total exposure measure in accordance with Article 429 (14) of Regulation (EU) 575/2013) | |
| 7 | Other adjustments | 322 |
| 8 | Leverage ratio total exposure measure | 45,266 |
| | | |

LRCom: Leverage Ratio common disclosure

| | CRR leverage ratio |
|---|--|
| | exposures |
| | |
| On-balance sheet exposures (excluding derivatives and SFTs) | |
|)n-balance sheet items (excluding derivatives, SFTs and fiduciary assets, but including collateral) | 42,413 |
| Asset amounts deducted in determining Tier 1 capital) | -41 |
| otal on-balance sheet exposures (excluding derivatives, SFTs and fiduciary assets) (sum of lines 1 and 2) | 42,371 |
| Derivative exposures | |
| Replacement cost associated with all derivatives transactions (i.e. net of eligible cash variation margin) | 215 |
| dd-on amounts for PFE associated with all derivatives transactions (mark-to-market method) | 556 |
| xposure determined under Original Exposure Method | - |
| aross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant the applicable accounting framework | |
| Deductions of receivables assets for cash variation margin provided in derivatives transactions) | -903 |
| Exempted CCP leg of client-cleared trade exposures) | |
| djusted effective notional amount of written credit derivatives | |
| Adjusted effective notional offsets and add-on deductions for written credit derivatives) | |
| otal derivatives exposures (sum of lines 4 to 10) | -132 |
| FT exposures | |
| • | 1,502 |
| | |
| | 1,001 |
| Derogation for SFTs: counterparty credit risk exposure in accordance with Articles 429b (4) nd 222 of Regulation (EU) 575/2013 | |
| gent transaction exposures | |
| Exempted CCP leg of client-cleared SFT exposures) | |
| otal securities financing transaction exposures (sum of lines 12 to 15a) | 2,503 |
| Other off-balance sheet exposures | |
|) Iff-balance sheet exposures at gross notional amount | 1,333 |
| Adjustments for conversion to credit equivalent amounts) | -809 |
| | 524 |
| exempted exposures in accordance with Article 429 (14) of Regulation (EU) 575/2013 on- and off-balance sheet) | |
| ntragroup exposures (solo basis) exempted in accordance with Article 429 (7) of Regulation (EU) 575/2013 on- and off-balance sheet)) | |
| xempted exposures in accordance with Article 429 (14) of Regulation (EU) 575/2013 on- and off-balance sheet) | |
| Capital and total exposure measure | |
| ïer 1 capital | 2,618 |
| everage ratio total exposure measure (sum of lines 3, 11, 16, 19, EU-19a and EU-19b) | 45,266 |
| everage Ratio | |
| everage Ratio | 5.8% |
| Choice on transitional arrangements and amount of derecognised fiduciary items | |
| Choice on transitional arrangements for the definition of the capital measure | Fully implemented |
| mount of derecognised fiduciary items in accordance with Article 429 (11) of Regulation (EU) 575/2013 | |
| | n-balance sheet items (excluding derivatives, SFTs and fiduciary assets, but including collateral) usset amounts deducted in determining Tier 1 capital) total on-balance sheet exposures (excluding derivatives, SFTs and fiduciary assets) (sum of lines 1 and 2) erivative exposures epidacement cost associated with all derivatives transactions (i.e. net of eligible cash variation margin) dd-on amounts for PFE associated with all derivatives transactions (mark-to-market method) xposure determined under Original Exposure Method rose-up for derivatives collateral provided where deducted from the balance sheet assets pursuant the applicable accounting framework eductions of receivables assets for cash variation margin provided in derivatives transactions) Exempted CCP leg of client-cleared trade exposures) djusted effective notional amount of written credit derivatives digusted effective notional offsets and ado-n deductions for written credit derivatives) Datal derivatives exposures FT exposures The exposures The exposures (sum of inet 4 to 10) FT exposures ross SFT assets (with no recognition of netting), after adjusting for transactions posted as sales letted amounts of cash payables and cash receivables of gross SFT assets) ounterparty credit risk exposures (SFT assets erogetion for SFTs: counterparty credit risk exposure in accordance with Articles 429b (4) nd 222 of Regulation (EU) 575/2013 gent transaction exposures Exempted CCP leg of client-cleared SFT exposures) tal securities financing transaction exposures (sum of lines 12 to 15a) ther off-balance sheet exposures ff-balance sheet exposures at gross notional amount (djustments for conversion to credit equivalent amounts) ther off-balance sheet) exempted exposures in accordance with Article 429 (14) of Regulation (EU) 575/2013 n- and off-balance sheet) exempted exposures in accordance with Article 429 (14) of Regulation (EU) 575/2013 n- and off-balance sheet) exempted exposures in accordance with Article 429 (14) of Regul |

The leverage ratio declined to 5.8%, compared to 6.5% on the disclosure date of 31 March 2020. This is attributable to a disproportionate increase of the total exposure measure compared with the increase in Tier I capital.

The following table provides a breakdown of on-balance sheet risk exposures (excluding derivatives, securities financing transactions, and exempted risk exposures).

LRSpl: Split-up of on-balance sheet exposures

| | | CRR leverage ratio exposures |
|-------|---|---------------------------------|
| €mn | | |
| EU-1 | Total on-balance sheet exposures (excluding derivatives, SFTs, and exempted exposures), of which: | 41,510 |
| EU-2 | Trading book exposures | - |
| EU-3 | Banking book exposures, of which: | 41,510 |
| EU-4 | Covered bonds | 219 |
| EU-5 | Exposures treated as sovereigns | 13,760 |
| EU-6 | Exposures to regional governments, MDB, international organisations and PSE not treated as sovereigns | 143 |
| EU-7 | Institutions | 622 |
| EU-8 | Secured by mortgages on immovable properties | 23,940 |
| EU-9 | Retail exposures | 28 |
| EU-10 | Corporate | 1,061 |
| EU-11 | Exposures in default | 864 |
| EU-12 | Other exposures (e.g. equity, securitisations, and other non-credit obligation assets) | 872 |

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Aareal Bank Group

