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## Summary

European Banks' capital ratios remain high, in line with first quarter of 2018. The CET1 ratio remained at 14.5\%, with a slight increase in the value of CET1 capital, which was also accompanied by an increase in total risk exposures. CET1 ratios remained above $12 \%$ for all countries in the sample. Compared to the previous period, the fully loaded CET1 ratio also maintained the mark of $14.3 \%$.

EU banks continue to improve overall quality of their loans' portfolio. In Q2 2018, the ratio of non-performing loans (NPLs) to total loans kept the downward trend and achieved a level of $3.6 \%$, the lowest since the NPL definition was harmonised across European countries. Compared to the previous period, despite a slight decrease in the total value of the loans granted, the further decrease of the NPLs (now 731 billion) allowed the maintenance of the NPL ratio trend. This trend is observed for all bank-size classes, but then remains dispersion across EU countries (ratios between $0.66 \%$ and $44.6 \%$ ). Coverage ratio is $46 \%$ in Q2 of 2018, which compares to $46.5 \%$ in Q1 of 2018.

Profitability remains a concern for the EU banking sector. When compared to the first quarter of 2018 the average ROE rose in the second quarter from $6.8 \%$ to $7.2 \%$. The heatmap shows an improvement in the share of total assets held by banks with ROE above $6 \%$, now $67.1 \%$ compared to $64.1 \%$ in the first period of 2018. The RoE's dispersion remains stable with the difference between the upper quartile (10.1\%) and the lower quartile (4.0\%) at 6.1\%.

Loan to deposit ratio assumes the lowest value in the series. In the second quarter of 2018, the ratio decreased to $116.2 \%$ when compared to $118.2 \%$ in the first quarter of 2018, mainly due to an increase in deposits. The leverage ratio (fully phased-in) remained at $5.1 \%$ when compared to Q1 2018. The asset encumbrance ratio decreased from 28.4\% in Q1 2018 to 28\% in Q2 2018. The liquidity coverage ratio (LCR) rose to $148.2 \%$ from $147 \%$ in the first quarter of 2018 , remaining well above the $100 \%$ requirement.

[^0]Overview of the main risks and vulnerabilities in the EU banking sector

| Bank risk | Risk drivers | Level of risk |  |  |  | Contributing factors/interactions |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Last qua | er (memo) |  | nt quarter |  |
|  |  | Level | Expected Trend |  | Forward Trend |  |

Emerging markets and other high risk
exposures, rising interest rates, expansion of new
lending at not adequate
pricing, political risks

While asset quality improved, credit risk is aggravated by downside risks to economic growth, revival of protectionism and elevated political risk. Adverse developments may potentially be amplified by rising interest rates. Such developments might in particular negatively affect high risk exposures, which include, among others, emerging markets and covenant lite exposures. With banks expanding new lending, competition might increase and new loans might not be priced adequately in all cases, so that related costs of risk are not properly covered. The heightened political risks might have an adverse effect in banks' efforts to reduce their legacy NPLs and hamper respective secondary markets. Developments related to Turkish FX rates and further emerging markets point to vulnerabilities of exposed banks. Recent developments also illustrate risks of potential spill-overs of local crises to other countries, including potentially in the EU.

Volatility of interest rates, debt and equity markets, as well as FX related developments have brought market risk increasingly into the focus. Recent developments aggravate risks of a sudden repricing of risk premia and of bouts of volatility. Similar to credit risk, market risk is currently often driven by political and geopolitical uncertainties, rising protectionism and uncertainties about the path of normalising monetary policy stances. These risks may also aggravate a constantly looming risk of suddenly drying up of market liquidity.

Failures and flaws of IT and communication technology (ICT) can cause material disruption to banks operations and / or potentially to the whole banking sector. This includes incidents related to the stability of legacy systems, but also related to the banks' migrations to new systems. Cyber risks can lead to similar implications. Respective risks might also concern the robustness of banking market infrastructures, e.g. payment and trading systems. Operational risk may also increase while banks strive to reducing costs and implementing cost reduction programmes, which may put necessary investments into ICT security at risk.

Developments related to emerging markets highlight individual bank's vulnerabilities if they have significant exposures to a single country or specific group of countries and/or their currencies. Any existing or potential build-up of concentration in certain asset segments, e.g. emerging markets or real estate and SME financing, needs to be carefully monitored. Monetary normalisation and rising interest rates, as already commenced in the US and anticipated in the Euro area, may lead to increased interest rate risk in the medium term and requires its careful management.

N Unabated risks from
misconduct and
reputational concerns

Even though newly emerging conduct and litigation risk related cases and costs have decreased during recent quarters, they have not abated. New cases regularly come up, including civil lawsuits and increasingly AML related issues. Heightened political risks, including newly implemented sanctions, might add to banks' vulnerability in this area. Related costs remain a drag on banks' profitability.

Risks of slowing economic growth and of an economic downturn at a later stage might negatively affect banks' profitability through different channels, e.g. higher cost of risk and lower revenues. Pressure on interest margins and interest income is moreover not abating. Upcoming changes in banks' funding mix (replacement of central bank funding, issuance of MREL eligible instruments) are also expected to negatively affect banks' profitability. Also sudden spread widening related to banks' sovereign exposures can negatively affect banks' profitability. Potentially increasing competition from new market entrants, e.g. of FinTech companies, might further affect bank revenues.

Elevated volatility on financial markets and heightened risk of sudden repricing of risk premia might negatively affect banks' access to funding and its pricing. Banks should be prepared to bridge periods of elevated market stress and restricted access to funding. Amid increasing economic uncertainty, in parallel to rising interest rates globally and a growing share of market funding in more general, banks might potentially face increasing funding costs. Banks exposed to particular vulnerabilities or with high risk perception could also face challenges to access wholesale funding at reasonable costs. These risks could aggravate while central banks are phasing out long-term funding schemes.

Many banks still - at least partially - rely on cheap long-term central banks funding, and need to plan its replacement latest in 2019 and the following years. Banks often need to make further efforts to build loss absorbing capacity, and not all banks have to date started to issue MREL eligible instruments. This might be due to still outstanding finalisation of MREL related legislation in certain member states, but also because for certain banks issuing MREL eligible instruments is more expensive than for other institutions, and / or because their access to primary funding markets is limited. There are indications that some banks do not hold sufficient levels of FX funding, in particular in USD, which requires close tracking by supervisors.

Legal and some regulatory uncertainty surrounding Brexit is posing additional regulatory challenges for banks concerned. Despite a further clarifying regulatory outlook, certain issues are still pending, including the finalisation of CRR / CRD amendments and MREL requirements. Challenges to a regulatory level playing field among OECD countries also persist. The process of defining and implementing new benchmark rates, i.e. the replacement of Euribor and Libor rates, may pose some further challenges.

Fragmentation is reflected in funding costs, including access to funding, in particular for MREL eligible and subordinated instruments. Asset quality remains broadly dispersed across the EU, even though several member states with elevated NPL ratios have reduced them over recent quarters. Brexit might also increase fragmentation risks.

Banks have partially material sovereign risk related exposures, including exposures from the country they are domiciled in. Material spread widening in certain member states have highlighted sovereign risks, and possible contagion cannot be ruled out. Sovereigns' debt levels and debt sustainability moreover remain serious concerns in a context of elevated political risk and the process of monetary policy normalisation.

## RIs heatmap



Note: Traffic lights provide the trend of the KRI given the historical time series. Data bar colour scale: green for the "best bucket", yellow for the intermediate and red for the "worst bucket".

* Number of banks after consolidation. Furthermore, not all banks submit respective data for all Risk Indicators.





Solvency
4-CET1 ratio (fully loaded)

## Credit Risk and Asset Quality

5 - Ratio of non-performing loans and advances (NPL ratio)


## Credit Risk and Asset Quality

6 - Coverage ratio of non-performing loans and advances


## Credit Risk and Asset Quality

## 7 - Forbearance ratio for loans and advances



## Credit Risk and Asset Quality

## 8 - Ratio of non-performing exposures (NPE ratio)



## Profitability

## 9 - Return on equity



## Profitability

## 10 - Return on assets



## Profitability

## 11 - Cost to income ratio



## Profitability

12 - Net interest income to total operating income


## Profitability

13 - Net fee and commission income to total operating income


## Profitability

## 14 - Net trading income to total operating income



## Profitability



## Balance Sheet Structure and Liquidity

16 - Loan-to-deposit ratio for households and non-financial corporations


## Balance Sheet Structure and Liquidity

17 - Leverage ratio (fully phased-in definition of Tier 1)


## Balance Sheet Structure and Liquidity

## 18 - Leverage Ratio (transitional definition of Tier 1 capital)



## Balance Sheet Structure and Liquidity

## 19 - Debt to equity ratio



## Balance Sheet Structure and Liquidity

20 - Asset encumbrance ratio


## Balance Sheet Structure and Liquidity

## 21 - Liquidity coverage ratio (\%)




| Asset composition |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cash balances |  |  |  | Equity instruments |  |  |  | Debt securities |  |  |  | Loans and advances |  |  |  | Derivatives |  |  |  | Other Assets |  |  |  |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| AT | 10.0\% | 9.4\% | 10.6\% | 9.1\% | 0.6\% | 0.6\% | 0.4\% | 0.4\% | 15.9\% | 15.9\% | 15.3\% | 14.9\% | 67.2\% | 67.8\% | 68.3\% | 69.0\% | 2.5\% | 2.3\% | 2.0\% | 2.0\% | 3.9\% | 4.0\% | 3.4\% | 4.6\% |
| BE | 11.3\% | 8.1\% | 11.3\% | 11.3\% | 0.4\% | 0.4\% | 0.4\% | 0.4\% | 18.5\% | 18.0\% | 17.5\% | 16.9\% | 55.7\% | 59.3\% | 60.2\% | 60.6\% | 5.6\% | 5.5\% | 4.6\% | 4.7\% | 8.5\% | 8.7\% | 5.6\% | 5.9\% |
| BG | 18.6\% | 17.5\% | 14.6\% | 16.4\% | 0.1\% | 0.1\% | 0.1\% | 0.2\% | 12.5\% | 14.8\% | 14.4\% | 14.3\% | 63.0\% | 61.8\% | 65.1\% | 63.2\% | 0.3\% | 0.2\% | 0.2\% | 0.3\% | 5.6\% | 5.5\% | 5.5\% | 5.7\% |
| cr | 21.5\% | 23.2\% | 20.5\% | 20.1\% | 0.2\% | 0.1\% | 0.1\% | 0.1\% | 7.0\% | 6.8\% | 6.3\% | 11.7\% | 61.8\% | 61.0\% | 63.6\% | 56.2\% | 0.1\% | 0.0\% | 0.0\% | 0.0\% | 9.4\% | 8.7\% | 9.5\% | 11.9\% |
| cz | 14.8\% | 10.2\% | 5.1\% | 4.7\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 13.3\% | 13.1\% | 12.9\% | 13.0\% | 68.7\% | 73.3\% | 78.9\% | 79.1\% | 1.6\% | 1.7\% | 1.5\% | 1.6\% | 1.5\% | 1.6\% | 1.6\% | 1.4\% |
| DE | 11.4\% | 11.7\% | 12.5\% | 12.6\% | 2.9\% | 3.1\% | 2.4\% | 2.4\% | 13.9\% | 14.0\% | 14.0\% | 13.6\% | 54.3\% | 54.9\% | 56.3\% | 56.2\% | 12.9\% | 12.9\% | 11.7\% | 12.0\% | 4.5\% | 3.4\% | 2.7\% | 2.7\% |
| DK | 6.0\% | 6.6\% | 6.1\% | 4.5\% | 0.5\% | 0.7\% | 0.5\% | 0.5\% | 13.3\% | 13.0\% | 12.4\% | 12.8\% | 71.9\% | 71.6\% | 72.9\% | 73.3\% | 6.0\% | 5.8\% | 5.7\% | 6.5\% | 2.3\% | 2.3\% | 2.4\% | 2.4\% |
| EE | 22.0\% | 22.3\% | 20.2\% | 21.3\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 2.2\% | 1.6\% | 1.7\% | 1.5\% | 74.3\% | 74.8\% | 76.8\% | 75.7\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 1.1\% | 1.0\% | 1.1\% | 1.1\% |
| es | 6.2\% | 7.0\% | 6.3\% | 6.5\% | 1.2\% | 1.3\% | 1.2\% | 1.2\% | 14.7\% | 13.8\% | 14.5\% | 14.0\% | 65.2\% | 64.7\% | 65.0\% | 65.4\% | 4.2\% | 4.2\% | 4.1\% | 4.2\% | 8.4\% | 8.9\% | 8.9\% | 8.7\% |
| F1 | 9.2\% | 12.2\% | 10.5\% | 12.3\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 12.2\% | 12.4\% | 12.3\% | 11.7\% | 71.3\% | 68.6\% | 70.4\% | 69.2\% | 4.0\% | 3.5\% | 3.1\% | 3.3\% | 3.3\% | 3.3\% | 3.5\% | 3.4\% |
| FR | 8.4\% | 8.6\% | 8.2\% | 7.9\% | 3.7\% | 3.2\% | 3.1\% | 3.0\% | 10.6\% | 10.1\% | 11.0\% | 10.6\% | 60.0\% | 61.5\% | 62.1\% | 62.7\% | 9.6\% | 9.2\% | 8.6\% | 8.6\% | 7.7\% | 7.4\% | 7.0\% | 7.2\% |
| GB | 9.8\% | 10.4\% | 9.9\% | 10.3\% | 3.3\% | 3.8\% | 3.1\% | 2.8\% | 13.3\% | 13.0\% | 13.7\% | 13.6\% | 56.0\% | 55.8\% | 56.2\% | 55.7\% | 13.7\% | 13.5\% | 12.6\% | 13.1\% | 3.9\% | 3.6\% | 4.3\% | 4.4\% |
| GR | 3.4\% | 3.5\% | 4.7\% | 4.8\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 10.6\% | 8.7\% | 9.1\% | 9.3\% | 66.6\% | 67.2\% | 65.0\% | 64.6\% | 2.5\% | 2.7\% | 2.6\% | 2.8\% | 16.5\% | 17.6\% | 18.3\% | 18.2\% |
| HR | 10.8\% | 13.4\% | 14.1\% | 13.1\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 10.6\% | 10.6\% | 11.3\% | 10.9\% | 74.7\% | 72.0\% | 71.0\% | 72.3\% | 0.4\% | 0.3\% | 0.3\% | 0.4\% | 3.2\% | 3.3\% | 3.0\% | 3.0\% |
| ни | 9.1\% | 9.5\% | 10.6\% | 9.7\% | 0.4\% | 0.4\% | 0.5\% | 0.5\% | 26.7\% | 27.1\% | 27.1\% | 24.8\% | 58.0\% | 57.2\% | 56.2\% | 58.9\% | 1.4\% | 1.4\% | 1.2\% | 1.9\% | 4.4\% | 4.4\% | 4.4\% | 4.3\% |
| IE | 9.1\% | 10.1\% | 11.4\% | 11.0\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 15.9\% | 14.9\% | 15.3\% | 15.6\% | 65.5\% | 66.1\% | 64.0\% | 63.8\% | 4.5\% | 4.1\% | 4.0\% | 3.8\% | 4.7\% | 4.5\% | 5.0\% | 5.4\% |
| 15* | n.a. | n.a. | 12.9\% | 12.9\% | n.a. | n.a. | 2.1\% | 2.1\% | n.a. | n.a. | 6.2\% | 5.8\% | n.a. | n.a. | 75.7\% | 76.5\% | n.a. | n.a. | 0.4\% | 0.3\% | n.a. | n.a. | 2.7\% | 2.5\% |
| $1{ }^{17}$ | 2.8\% | 3.7\% | 3.3\% | 4.4\% | 1.5\% | 1.6\% | 1.5\% | 1.5\% | 17.3\% | 16.5\% | 16.8\% | 18.0\% | 68.1\% | 68.4\% | 68.6\% | 66.4\% | 3.8\% | 3.5\% | 3.4\% | 3.6\% | 6.5\% | 6.2\% | 6.3\% | 6.1\% |
| เт | 24.4\% | 24.5\% | 21.0\% | 20.6\% | 0.3\% | 0.0\% | 0.0\% | 0.0\% | 2.7\% | 2.6\% | 2.8\% | 2.4\% | 71.1\% | 71.7\% | 74.9\% | 75.7\% | 0.4\% | 0.3\% | 0.2\% | 0.4\% | 1.2\% | 1.0\% | 1.1\% | 0.9\% |
| เu | 11.9\% | 10.3\% | 12.4\% | 14.9\% | 0.5\% | 0.5\% | 0.6\% | 0.3\% | 14.1\% | 10.1\% | 8.7\% | 8.0\% | 66.0\% | 62.6\% | 61.1\% | 60.2\% | 4.2\% | 2.3\% | 3.0\% | 2.2\% | 3.2\% | 14.1\% | 14.2\% | 14.4\% |
| tv | 22.6\% | 24.2\% | 25.6\% | 23.3\% | 0.2\% | 0.3\% | 0.0\% | 0.1\% | 17.7\% | 18.4\% | 2.7\% | 2.8\% | 57.5\% | 55.1\% | 70.1\% | 72.0\% | 0.3\% | 0.2\% | 0.2\% | 0.5\% | 1.7\% | 1.7\% | 1.3\% | 1.3\% |
| MT | 3.5\% | 4.4\% | 4.1\% | 3.2\% | 0.4\% | 0.4\% | 0.3\% | 0.3\% | 27.3\% | 25.6\% | 25.3\% | 26.4\% | 66.0\% | 66.8\% | 67.9\% | 67.0\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 2.8\% | 2.9\% | 2.3\% | 3.0\% |
| NL | 7.4\% | 6.4\% | 7.7\% | 7.2\% | 0.9\% | 1.0\% | 0.9\% | 0.9\% | 9.0\% | 9.0\% | 8.6\% | 8.4\% | 75.8\% | 76.9\% | 76.2\% | 76.9\% | 3.8\% | 3.8\% | 3.3\% | 3.5\% | 3.1\% | 3.0\% | 3.1\% | 3.0\% |
| no | 11.5\% | 6.0\% | 10.7\% | 13.5\% | 0.3\% | 0.4\% | 0.3\% | 0.4\% | 9.1\% | 11.8\% | 9.7\% | 9.7\% | 70.0\% | 75.4\% | 71.3\% | 68.6\% | 5.0\% | 5.3\% | 4.5\% | 4.3\% | 4.0\% | 1.1\% | 1.2\% | 1.3\% |
| PL | 5.3\% | 5.0\% | 5.6\% | 4.5\% | 0.3\% | 0.2\% | 0.3\% | 0.3\% | 19.5\% | 21.8\% | 20.9\% | 21.7\% | 70.3\% | 68.4\% | 68.5\% | 68.7\% | 1.0\% | 0.9\% | 0.8\% | 0.9\% | 3.7\% | 3.6\% | 3.7\% | 3.8\% |
| ${ }^{\text {PT }}$ | 4.3\% | 5.5\% | 4.0\% | 5.7\% | 2.7\% | 2.7\% | 2.1\% | 1.8\% | 19.9\% | 19.5\% | 20.6\% | 21.1\% | 62.1\% | 61.8\% | 63.3\% | 61.9\% | 1.1\% | 1.1\% | 1.3\% | 1.2\% | 9.9\% | 9.5\% | 8.7\% | 8.4\% |
| Ro | 11.9\% | 15.9\% | 14.4\% | 13.7\% | 0.3\% | 0.2\% | 0.3\% | 0.2\% | 28.4\% | 26.9\% | 28.5\% | 27.8\% | 56.5\% | 54.2\% | 53.9\% | 55.6\% | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 2.8\% | 2.7\% | 2.8\% | 2.6\% |
| SE | 11.7\% | 8.2\% | 9.5\% | 10.4\% | 1.2\% | 1.1\% | 1.0\% | 0.8\% | 11.0\% | 10.7\% | 10.7\% | 11.3\% | 67.8\% | 72.1\% | 70.9\% | 69.1\% | 5.1\% | 5.4\% | 5.1\% | 5.3\% | 3.1\% | 2.6\% | 2.7\% | 3.1\% |
| sı | 10.6\% | 11.2\% | 11.2\% | 10.6\% | 0.8\% | 0.7\% | 0.7\% | 0.7\% | 27.3\% | 25.9\% | 25.5\% | 26.1\% | 57.9\% | 59.1\% | 59.5\% | 59.5\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 3.2\% | 3.0\% | 3.0\% | 2.9\% |
| SK | 2.9\% | 6.0\% | 5.5\% | 3.1\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 14.6\% | 13.6\% | 13.9\% | 13.8\% | 80.1\% | 77.9\% | 78.1\% | 80.6\% | 0.3\% | 0.3\% | 0.3\% | 0.4\% | 1.9\% | 2.0\% | 2.1\% | 1.9\% |
| EU/ EEA | 8.6\% | 8.7\% | 8.8\% | 8.9\% | 2.4\% | 2.4\% | 2.2\% | 2.0\% | 13.1\% | 12.8\% | 13.1\% | 13.0\% | 61.6\% | 62.3\% | 62.7\% | 62.5\% | 8.6\% | 8.4\% | 7.8\% | 8.0\% | 5.7\% | 5.5\% | 5.3\% | 5.4\% |


| Volumes bin EUR; \% | Assets |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Assets |  |  |  | Share of financial assets held for trading |  |  |  | Share of fair value level 3 to total fair valued assets |  |  |  |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| AT | 615.5 | 607.3 | 592.5 | 594.6 | 2.6\% | 2.4\% | 2.5\% | 2.4\% | 6.5\% | 5.7\% | 9.1\% | 8.9\% |
| BE | 1,012.6 | 973.8 | 1,004.4 | 1,005.4 | 5.5\% | 5.2\% | 4.5\% | 4.5\% | 9.1\% | 9.1\% | 17.0\% | 12.1\% |
| BG | 21.0 | 21.2 | 21.1 | 21.2 | 1.0\% | 1.0\% | 0.8\% | 0.5\% | 0.7\% | 0.6\% | 0.8\% | 0.8\% |
| CY | 42.1 | 42.7 | 41.0 | 43.3 | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 1.0\% | 1.2\% | 1.2\% | 16.4\% |
| cz | 149.3 | 145.7 | 156.5 | 155.7 | 1.7\% | 1.3\% | 1.8\% | 1.8\% | 5.5\% | 6.2\% | 5.6\% | 5.9\% |
| DE | 4,018.2 | 3,877.2 | 3,961.3 | 3,933.8 | 18.9\% | 19.0\% | 17.7\% | 17.7\% | 3.1\% | 3.2\% | 5.8\% | 5.5\% |
| DK | 714.6 | 719.4 | 717.5 | 722.7 | 13.8\% | 13.7\% | 10.8\% | 11.8\% | 0.5\% | 0.4\% | 8.2\% | 8.3\% |
| ${ }^{\text {ex }}$ | 16.8 | 21.5 | 21.3 | 22.1 | 1.6\% | 1.0\% | 0.2\% | 0.2\% | 0.7\% | 0.9\% | 0.7\% | 1.0\% |
| es | 3,249.5 | 3,235.3 | 3,222.5 | 3,233.9 | 6.9\% | 6.8\% | 7.7\% | 7.3\% | 1.0\% | 1.0\% | 1.3\% | 1.5\% |
| ${ }^{\text {F }}$ | 177.3 | 179.4 | 162.9 | 168.0 | 4.2\% | 4.5\% | 2.7\% | 2.8\% | 2.3\% | 2.2\% | 2.9\% | 4.3\% |
| FR | 6,974.5 | 6,705.7 | 6,925.5 | 7,117.4 | 21.5\% | 18.5\% | 21.7\% | 22.2\% | 2.5\% | 2.7\% | 3.0\% | 3.0\% |
| GB | 6,387.8 | 6,284.6 | 6,386.7 | 6,535.8 | 23.4\% | 22.9\% | 22.5\% | 21.9\% | 2.2\% | 2.0\% | 2.1\% | 2.1\% |
| GR | 253.6 | 250.4 | 240.3 | 235.3 | 2.8\% | 3.4\% | 3.4\% | 3.8\% | 1.8\% | 1.5\% | 4.0\% | 4.1\% |
| HR | 39.4 | 39.7 | 40.0 | 41.0 | 0.6\% | 0.6\% | 0.6\% | 0.6\% | 2.1\% | 2.0\% | 3.5\% | 3.3\% |
| Hu | 58.8 | 61.1 | 61.6 | 62.2 | 2.8\% | 2.9\% | 2.4\% | 2.7\% | 0.4\% | 0.4\% | 1.2\% | 1.3\% |
| IE | 286.3 | 279.1 | 259.6 | 263.3 | 3.9\% | 3.7\% | 3.9\% | 3.9\% | 3.0\% | 2.9\% | 4.5\% | 6.0\% |
| 15* | n.a. | n.a. | 28.2 | 28.7 | n.a. | n.a. | 5.0\% | 4.7\% | n.a. | n.a. | 8.3\% | 11.0\% |
| IT | 2,215.5 | 2,218.6 | 2,196.8 | 2,209.9 | 6.8\% | 6.3\% | 6.6\% | 6.9\% | 2.4\% | 2.3\% | 3.3\% | 3.3\% |
| ${ }^{\text {LT }}$ | 19.3 | 22.4 | 21.3 | 22.0 | 0.6\% | 0.6\% | 0.5\% | 0.6\% | 7.8\% | 1.1\% | 1.1\% | 1.4\% |
| เu | 201.4 | 199.5 | 203.5 | 215.4 | 4.4\% | 2.4\% | 3.0\% | 2.2\% | 0.7\% | 0.7\% | 41.7\% | 42.1\% |
| ıv | 12.5 | 12.8 | 13.6 | 13.3 | 1.6\% | 1.6\% | 0.3\% | 0.6\% | 0.5\% | 0.6\% | 3.1\% | 8.2\% |
| mT | 19.6 | 19.8 | 19.9 | 19.8 | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 0.6\% | 0.6\% | 0.3\% | 0.7\% |
| NL | 2,114.2 | 2,040.6 | 2,109.3 | 2,113.5 | 8.4\% | 7.5\% | 4.6\% | 4.7\% | 2.0\% | 2.1\% | 3.9\% | 3.2\% |
| no | 309.3 | 292.0 | 294.9 | 319.1 | 14.4\% | 19.1\% | 7.8\% | 7.9\% | 11.5\% | 9.0\% | 22.7\% | 22.2\% |
| PL | 141.6 | 151.5 | 150.4 | 148.3 | 1.4\% | 1.4\% | 1.8\% | 1.8\% | 3.1\% | 1.4\% | 8.3\% | 7.0\% |
| PT | 278.5 | 278.5 | 325.8 | 332.3 | 3.3\% | 3.0\% | 3.2\% | 2.9\% | 17.7\% | 18.0\% | 17.4\% | 16.1\% |
| Ro | 38.0 | 39.9 | 40.3 | 42.8 | 0.8\% | 0.4\% | 0.5\% | 1.2\% | 0.3\% | 0.4\% | 0.5\% | 0.5\% |
| SE | 1,486.1 | 1,348.4 | 1,396.9 | 1,438.7 | 12.8\% | 11.9\% | 11.4\% | 11.0\% | 0.9\% | 0.9\% | 5.1\% | 0.8\% |
| St | 23.2 | 23.5 | 23.7 | 23.7 | 0.5\% | 0.4\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 1.6\% | 1.6\% |
| SK | 43.0 | 43.8 | 44.3 | 45.2 | 0.3\% | 0.3\% | 0.3\% | 0.5\% | 1.1\% | 1.3\% | 2.3\% | 6.9\% |
| Eu/ EEA | 29,775.5 | 29,042.3 | 29,496.0 | 29,916.3 | 15.7\% | 14.7\% | 15.0\% | 15.0\% | 2.6\% | 2.5\% | 4.0\% | 3.7\% |


| Loans and advances ${ }^{(1)}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| ${ }^{\text {at }}$ | 413.6 | 411.9 | 404.7 | 410.5 |
| BE | 563.6 | 577.5 | 604.5 | 609.7 |
| BG | 13.2 | 13.1 | 13.7 | 13.4 |
| cy | 26.1 | 26.0 | 26.1 | 24.3 |
| cz | 102.5 | 106.8 | 123.4 | 123.1 |
| DE | 2,182.2 | 2,130.5 | 2,228.8 | 2,212.2 |
| DK | 513.8 | 515.4 | 522.8 | 529.9 |
| EE | 12.5 | 16.1 | 16.4 | 16.7 |
| Es | 2,120.1 | 2,092.4 | 2,094.1 | 2,115.2 |
| F1 | 126.3 | 123.0 | 114.8 | 116.3 |
| FR | 4,181.6 | 4,122.3 | 4,303.4 | 4,461.2 |
| GB | 3,577.4 | 3,504.3 | 3,591.3 | 3,643.0 |
| GR | 168.9 | 168.4 | 156.1 | 152.0 |
| HR | 29.5 | 28.6 | 28.4 | 29.7 |
| HU | 34.1 | 34.9 | 34.6 | 36.6 |
| IE | 187.5 | 184.5 | 166.1 | 168.0 |
| $15^{*}$ | n.a. | n.a. | 21.3 | 21.9 |
| \% | 1,509.4 | 1,518.4 | 1,506.0 | 1,467.5 |
| เт | 13.7 | 16.0 | 16.0 | 16.7 |
| เu | 132.9 | 124.9 | 124.3 | 129.6 |
| ıv | 7.2 | 7.1 | 9.6 | 9.5 |
| mT | 12.9 | 13.2 | 13.5 | 13.3 |
| NL | 1,602.6 | 1,568.8 | 1,607.2 | 1,625.4 |
| No | 216.5 | 220.3 | 210.3 | 219.1 |
| PL | 99.5 | 103.7 | 103.0 | 102.0 |
| PT | 173.0 | 172.2 | 206.3 | 205.6 |
| Rо | 21.4 | 21.6 | 21.7 | 23.8 |
| SE | 1,007.5 | 971.9 | 990.6 | 993.5 |
| sı | 13.4 | 13.9 | 14.1 | 14.1 |
| SK | 34.4 | 34.1 | 34.6 | 36.5 |
| EU/ EEA | 18,333.8 | 18,083.1 | 18,494.8 | 18,710.5 |

[^1](1) Net ararring amount, including loans held for trading.
Doata vailble from O4 2017 onwards

Statistical Annex
Liability composition and volumes

| Liabilities composition |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Debt securities issued |  |  |  | Deposits from credit institutions |  |  |  | Customer deposits ${ }^{(1)}$ |  |  |  | Other liabilities ${ }^{(2)}$ |  |  |  |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| At | 13.4\% | 13.4\% | 12.5\% | 12.7\% | 13.3\% | 11.4\% | 11.7\% | 11.4\% | 64.5\% | 67.0\% | 68.1\% | 66.9\% | 8.7\% | 8.2\% | 7.7\% | 9.0\% |
| BE | 20.1\% | 20.6\% | 18.7\% | 18.9\% | 13.8\% | 11.6\% | 13.7\% | 13.7\% | 51.4\% | 53.4\% | 53.5\% | 53.4\% | 14.8\% | 14.4\% | 14.1\% | 14.0\% |
| BG | 0.6\% | 0.6\% | 0.6\% | 0.6\% | 5.0\% | 3.6\% | 4.0\% | 4.1\% | 92.6\% | 93.8\% | 92.8\% | 93.7\% | 1.9\% | 2.0\% | 2.6\% | 1.6\% |
| Cr | 1.1\% | 1.1\% | 1.1\% | 1.1\% | 1.7\% | 1.8\% | 1.7\% | 1.8\% | 93.3\% | 92.7\% | 92.1\% | 92.7\% | 4.0\% | 4.3\% | 5.1\% | 4.4\% |
| cz | 9.2\% | 10.9\% | 8.7\% | 9.0\% | 15.5\% | 13.2\% | 14.6\% | 15.5\% | 71.4\% | 71.9\% | 72.8\% | 71.9\% | 3.8\% | 4.0\% | 3.9\% | 3.6\% |
| DE | 19.9\% | 20.4\% | 19.7\% | 19.9\% | 14.1\% | 13.4\% | 13.8\% | 13.4\% | 41.3\% | 42.8\% | 43.0\% | 43.8\% | 24.7\% | 23.4\% | 23.5\% | 22.9\% |
| DK | 55.0\% | 55.2\% | 54.5\% | 54.1\% | 2.7\% | 2.6\% | 3.3\% | 2.6\% | 27.0\% | 27.2\% | 27.5\% | 27.1\% | 15.3\% | 15.0\% | 14.7\% | 16.2\% |
| EE | 0.2\% | 0.5\% | 0.6\% | 0.6\% | 8.1\% | 15.2\% | 14.6\% | 13.7\% | 89.7\% | 81.9\% | 81.9\% | 83.6\% | 2.0\% | 2.4\% | 2.8\% | 2.1\% |
| es | 12.7\% | 12.6\% | 12.8\% | 12.7\% | 7.3\% | 7.5\% | 7.7\% | 7.3\% | 62.8\% | 62.4\% | 62.0\% | 62.9\% | 17.2\% | 17.5\% | 17.5\% | 17.1\% |
| FI | 35.3\% | 33.9\% | 39.9\% | 39.6\% | 1.5\% | 1.4\% | 0.9\% | 0.9\% | 50.0\% | 49.9\% | 46.8\% | 47.0\% | 13.2\% | 14.8\% | 12.3\% | 12.5\% |
| FR | 17.8\% | 18.7\% | 18.2\% | 18.3\% | 5.6\% | 4.9\% | 6.6\% | 5.7\% | 53.1\% | 54.2\% | 53.3\% | 54.2\% | 23.5\% | 22.1\% | 21.9\% | 21.8\% |
| GB | 10.4\% | 10.5\% | 10.6\% | 10.7\% | 5.1\% | 4.8\% | 4.5\% | 4.3\% | 60.2\% | 61.3\% | 60.7\% | 60.0\% | 24.3\% | 23.4\% | 24.2\% | 25.0\% |
| GR | 0.4\% | 1.3\% | 2.0\% | 2.4\% | 5.8\% | 5.3\% | 6.9\% | 7.9\% | 67.9\% | 70.7\% | 73.2\% | 75.8\% | 25.9\% | 22.7\% | 18.0\% | 13.9\% |
| HR | 0.1\% | 0.2\% | 0.2\% | 0.2\% | 7.9\% | 7.7\% | 9.3\% | 9.6\% | 88.3\% | 88.2\% | 86.6\% | 86.2\% | 3.7\% | 3.9\% | 3.9\% | 4.1\% |
| ни | 2.9\% | 2.9\% | 3.1\% | 3.2\% | 5.7\% | 5.0\% | 5.7\% | 7.4\% | 83.4\% | 85.1\% | 83.5\% | 82.0\% | 8.0\% | 7.0\% | 7.6\% | 7.3\% |
| IE | 9.5\% | 8.9\% | 8.8\% | 8.8\% | 6.8\% | 5.7\% | 5.6\% | 6.1\% | 71.9\% | 74.4\% | 72.6\% | 74.2\% | 11.8\% | 10.9\% | 12.9\% | 10.9\% |
| 15* | n.a. | n.a. | 34.0\% | 34.4\% | n.a. | n.a. | 1.0\% | 1.0\% | n.a. | n.a. | 59.2\% | 59.1\% | n.a. | n.a. | 5.8\% | 5.5\% |
| $1 T$ | 16.5\% | 15.2\% | 14.3\% | 13.6\% | 6.8\% | 6.7\% | 7.0\% | 7.4\% | 56.4\% | 58.2\% | 58.7\% | 59.3\% | 20.3\% | 20.0\% | 20.0\% | 19.7\% |
| LT | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 14.1\% | 16.5\% | 13.4\% | 13.3\% | 82.4\% | 80.5\% | 82.9\% | 84.3\% | 3.4\% | 3.0\% | 3.7\% | 2.4\% |
| เบ | 26.6\% | 25.0\% | 24.6\% | 23.6\% | 18.9\% | 19.0\% | 18.6\% | 18.9\% | 47.1\% | 39.1\% | 39.1\% | 40.5\% | 7.4\% | 16.9\% | 17.7\% | 17.1\% |
| ıv | 4.4\% | 4.6\% | 0.0\% | 0.0\% | 7.9\% | 7.9\% | 14.8\% | 13.3\% | 85.3\% | 85.3\% | 82.5\% | 84.2\% | 2.4\% | 2.3\% | 2.7\% | 2.5\% |
| mт | 2.2\% | 2.3\% | 2.3\% | 2.4\% | 1.0\% | 0.8\% | 2.0\% | 1.2\% | 94.3\% | 94.1\% | 93.4\% | 93.6\% | 2.5\% | 2.7\% | 2.3\% | 2.8\% |
| NL | 24.9\% | 24.9\% | 25.2\% | 25.4\% | 3.9\% | 3.2\% | 4.0\% | 3.5\% | 61.4\% | 62.2\% | 61.5\% | 61.7\% | 9.8\% | 9.7\% | 9.3\% | 9.3\% |
| No | 37.5\% | 39.1\% | 38.8\% | 37.5\% | 8.2\% | 7.7\% | 8.2\% | 9.1\% | 45.1\% | 45.5\% | 45.5\% | 45.5\% | 9.2\% | 7.8\% | 7.5\% | 7.9\% |
| PL | 6.2\% | 6.7\% | 7.3\% | 7.9\% | 2.6\% | 2.5\% | 2.4\% | 2.4\% | 84.7\% | 85.5\% | 85.1\% | 84.1\% | 6.5\% | 5.2\% | 5.2\% | 5.7\% |
| PT | 5.9\% | 5.2\% | 5.3\% | 5.2\% | 4.5\% | 3.9\% | 5.3\% | 5.3\% | 76.1\% | 77.9\% | 76.4\% | 77.3\% | 13.4\% | 13.0\% | 13.0\% | 12.2\% |
| Ro | 0.4\% | 0.4\% | 0.4\% | 1.0\% | 7.8\% | 6.9\% | 7.2\% | 6.1\% | 88.4\% | 89.1\% | 88.6\% | 89.1\% | 3.4\% | 3.7\% | 3.9\% | 3.8\% |
| SE | 43.6\% | 46.1\% | 42.5\% | 45.0\% | 4.9\% | 3.9\% | 6.7\% | 5.9\% | 39.0\% | 38.6\% | 37.3\% | 37.5\% | 12.6\% | 11.4\% | 13.5\% | 11.6\% |
| 51 | 0.1\% | 0.1\% | 0.1\% | 0.1\% | 4.7\% | 4.4\% | 4.5\% | 4.4\% | 90.0\% | 90.6\% | 90.1\% | 90.5\% | 5.1\% | 4.9\% | 5.3\% | 5.1\% |
| SK | 11.5\% | 11.6\% | 10.8\% | 11.1\% | 3.5\% | 3.7\% | 3.1\% | 3.5\% | 82.3\% | 82.0\% | 82.9\% | 82.9\% | 2.7\% | 2.7\% | 3.2\% | 2.5\% |
| EU/ EEA | 18.6\% | 18.8\% | 18.4\% | 18.6\% | 6.9\% | 6.4\% | 7.1\% | 6.7\% | 54.4\% | 55.5\% | 55.0\% | 55.4\% | 20.0\% | 19.3\% | 19.5\% | 19.4\% |

(1) Customer deposits include deposits from non financial corporations, households, other financial institutions and general governments.
(2) Also includes deposits from central banks


| Share of secured funding |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| AT | 35.6\% | 35.2\% | 35.2\% | 37.8\% |
| BE | 22.6\% | 21.7\% | 24.6\% | 25.0\% |
| BG | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| CY | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| cz | 11.0\% | 4.4\% | 4.5\% | 3.8\% |
| DE | 25.0\% | 25.1\% | 24.0\% | 23.7\% |
| DK | 88.2\% | 88.9\% | 89.7\% | 89.7\% |
| EE | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| ES | 46.0\% | 44.9\% | 41.4\% | 41.3\% |
| FI | 22.3\% | 19.4\% | 19.8\% | 21.0\% |
| FR | 23.6\% | 23.6\% | 24.0\% | 24.8\% |
| GB | 16.2\% | 15.8\% | 15.2\% | 14.5\% |
| GR | 140.2\% | 85.2\% | 67.1\% | 73.8\% |
| HR | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| ни | 53.4\% | 55.2\% | 60.4\% | 63.7\% |
| IE | 66.5\% | 63.2\% | 63.1\% | 61.1\% |
| 15* | n.a. | n.a. | 61.0\% | 60.3\% |
| IT | 26.6\% | 27.2\% | 26.8\% | 28.8\% |
| เт | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| เu | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| Lv | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| мт | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| NL | 18.5\% | 19.1\% | 18.7\% | 19.6\% |
| No | 53.7\% | 54.7\% | 69.3\% | 68.6\% |
| PL | 40.0\% | 36.7\% | 38.7\% | 37.3\% |
| PT | 42.5\% | 54.7\% | 59.5\% | 57.7\% |
| RO | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| SE | 48.8\% | 50.7\% | 52.3\% | 52.2\% |
| SI | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| SK | 93.8\% | 93.7\% | 92.8\% | 93.2\% |
| EU/ EEA | 32.8\% | 33.2\% | 33.1\% | 33.4\% |

Individual country data includes subsidiaries, which are excluded from EU aggregate. For example, at country level the subsidiary in country X of a bank domiciled in country Y is included both in data for countries X and Y (for the latter as part of the consolidated entity). In the EU aggregate, only the consolidated entity domiciled in country $Y$ is considered. The sample of banks is unbalanced and reviewed annually.
*Data available from Q4 2017 onwards

Statistical Annex


|  | Non-performing loans ${ }^{(1)}$ |  |  |  | Loans and advances ${ }^{(1)}$ |  |  |  | Non-performing loans ratio |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| At | 19.0 | 17.3 | 16.1 | 14.8 | 479.2 | 470.7 | 468.8 | 464.7 | 4.0\% | 3.7\% | 3.4\% | 3.2\% |
| BE | 18.6 | 17.4 | 17.5 | 17.0 | 682.1 | 659.8 | 724.9 | 728.2 | 2.7\% | 2.6\% | 2.4\% | 2.3\% |
| BG | 2.1 | 1.8 | 1.6 | 1.6 | 18.1 | 17.5 | 17.6 | 17.7 | 11.7\% | 10.6\% | 9.3\% | 9.3\% |
| CY | 17.6 | 16.8 | 16.3 | 13.2 | 43.4 | 43.4 | 41.8 | 38.8 | 40.6\% | 38.9\% | 38.9\% | 34.1\% |
| cz | 1.9 | 1.9 | 1.9 | 1.8 | 123.9 | 121.3 | 130.8 | 130.2 | 1.6\% | 1.6\% | 1.4\% | 1.4\% |
| DE | 54.4 | 50.1 | 47.6 | 46.4 | 2,625.5 | 2,571.6 | 2,720.6 | 2,706.4 | 2.1\% | 1.9\% | 1.7\% | 1.7\% |
| DK | 12.9 | 13.0 | 14.5 | 13.1 | 514.8 | 550.8 | 569.8 | 565.5 | 2.5\% | 2.4\% | 2.6\% | 2.3\% |
| EE | 0.2 | 0.4 | 0.4 | 0.3 | 16.2 | 20.7 | 20.7 | 21.4 | 1.3\% | 1.7\% | 1.9\% | 1.6\% |
| ES | 111.8 | 106.2 | 103.0 | 98.9 | 2,353.0 | 2,347.0 | 2,298.7 | 2,333.2 | 4.8\% | 4.5\% | 4.5\% | 4.2\% |
| FI | 2.3 | 2.2 | 1.7 | 1.7 | 143.2 | 145.4 | 132.4 | 137.4 | 1.6\% | 1.5\% | 1.3\% | 1.2\% |
| FR | 137.8 | 135.5 | 136.2 | 132.6 | 4,353.1 | 4,401.2 | 4,389.1 | 4,469.5 | 3.2\% | 3.1\% | 3.1\% | 3.0\% |
| GB | 63.4 | 60.6 | 61.1 | 60.4 | 3,949.4 | 3,935.0 | 4,077.6 | 4,208.9 | 1.6\% | 1.5\% | 1.5\% | 1.4\% |
| GR | 106.3 | 100.9 | 98.7 | 94.6 | 228.1 | 224.4 | 218.1 | 211.1 | 46.6\% | 44.9\% | 45.3\% | 44.8\% |
| HR | 3.1 | 2.6 | 2.8 | 2.7 | 34.5 | 34.9 | 35.2 | 35.9 | 8.9\% | 7.5\% | 7.9\% | 7.6\% |
| Hu | 4.2 | 3.8 | 3.6 | 3.4 | 41.3 | 42.3 | 42.9 | 44.2 | 10.1\% | 8.9\% | 8.3\% | 7.6\% |
| IE | 25.3 | 23.0 | 16.5 | 14.0 | 222.3 | 219.5 | 200.2 | 200.2 | 11.4\% | 10.5\% | 8.2\% | 7.0\% |
| 15* | n.a. | n.a. | 0.8 | 0.6 | п.a. | n.a. | 25.2 | 25.8 | n.a. | n.a. | 3.0\% | 2.5\% |
| $1 T$ | 196.0 | 186.7 | 179.6 | 159.0 | 1,654.0 | 1,677.6 | 1,665.9 | 1,633.9 | 11.8\% | 11.1\% | 10.8\% | 9.7\% |
| LT | 0.6 | 0.6 | 0.6 | 0.6 | 18.3 | 21.3 | 20.3 | 21.0 | 3.1\% | 2.8\% | 3.0\% | 2.7\% |
| LU | 1.8 | 1.0 | 1.2 | 1.3 | 152.1 | 144.7 | 150.2 | 162.4 | 1.2\% | 0.7\% | 0.8\% | 0.8\% |
| Lv | 0.3 | 0.2 | 0.5 | 0.4 | 10.0 | 10.1 | 13.1 | 12.7 | 2.6\% | 2.3\% | 4.0\% | 3.4\% |
| mт | 0.5 | 0.5 | 0.5 | 0.5 | 13.8 | 14.2 | 14.4 | 14.1 | 3.6\% | 3.5\% | 3.5\% | 3.8\% |
| NL | 40.1 | 38.3 | 39.5 | 38.2 | 1,685.0 | 1,639.9 | 1,767.4 | 1,773.6 | 2.4\% | 2.3\% | 2.2\% | 2.2\% |
| No | 3.3 | 3.5 | 3.0 | 3.4 | 200.6 | 198.0 | 250.1 | 270.4 | 1.6\% | 1.8\% | 1.2\% | 1.3\% |
| PL | 6.6 | 6.5 | 7.9 | 6.8 | 109.4 | 113.3 | 115.7 | 112.0 | 6.0\% | 5.8\% | 6.8\% | 6.1\% |
| PT | 33.0 | 30.7 | 31.8 | 29.8 | 199.0 | 201.4 | 234.9 | 239.4 | 16.6\% | 15.2\% | 13.6\% | 12.4\% |
| RO | 2.2 | 1.8 | 1.7 | 1.7 | 26.1 | 27.8 | 27.4 | 29.0 | 8.4\% | 6.5\% | 6.3\% | 6.0\% |
| SE | 10.3 | 10.6 | 10.6 | 10.6 | 1,107.8 | 1,034.4 | 1,071.2 | 1,098.0 | 0.9\% | 1.0\% | 1.0\% | 1.0\% |
| SI | 2.2 | 1.8 | 1.6 | 1.5 | 17.1 | 17.5 | 17.4 | 17.3 | 12.6\% | 10.5\% | 9.3\% | 8.5\% |
| SK | 1.3 | 1.3 | 1.2 | 1.2 | 36.1 | 37.1 | 37.5 | 38.3 | 3.6\% | 3.4\% | 3.3\% | 3.1\% |
| EU/EEA | 854.4 | 814.5 | 794.0 | 747.5 | 20,201.5 | 20,107.3 | 20,583.9 | 20,821.2 | 4.2\% | 4.1\% | 3.9\% | 3.6\% |


|  | Coverage ratio of non-performing loans |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| At | 54.7\% | 52.7\% | 52.3\% | 54.3\% |
| BE | 44.8\% | 43.0\% | 45.6\% | 46.1\% |
| BG | 58.1\% | 54.5\% | 59.4\% | 60.2\% |
| CY | 45.5\% | 45.0\% | 46.1\% | 44.2\% |
| cz | 62.0\% | 62.5\% | 61.1\% | 61.5\% |
| DE | 39.8\% | 41.3\% | 40.3\% | 39.7\% |
| DK | 30.5\% | 28.9\% | 25.8\% | 28.3\% |
| EE | 23.8\% | 23.4\% | 22.4\% | 24.5\% |
| Es | 41.9\% | 41.9\% | 44.7\% | 44.2\% |
| ${ }^{\text {FI }}$ | 25.6\% | 27.3\% | 29.2\% | 24.1\% |
| FR | 51.1\% | 51.0\% | 50.8\% | 51.7\% |
| GB | 32.4\% | 31.9\% | 31.6\% | 31.4\% |
| GR | 47.5\% | 46.9\% | 49.7\% | 49.2\% |
| HR | 57.9\% | 58.9\% | 58.2\% | 58.9\% |
| Hu | 64.0\% | 61.8\% | 66.3\% | 66.2\% |
| IE | 32.2\% | 29.5\% | 31.3\% | 30.4\% |
| 15* | n.a. | n.a. | 33.0\% | 35.8\% |
| $1 T$ | 50.1\% | 50.6\% | 55.4\% | 54.4\% |
| LT | 30.2\% | 29.2\% | 25.8\% | 26.0\% |
| tu | 40.4\% | 43.9\% | 41.6\% | 39.7\% |
| Lv | 29.5\% | 32.4\% | 36.1\% | 35.0\% |
| mт | 37.1\% | 35.7\% | 29.8\% | 29.1\% |
| NL | 32.1\% | 29.1\% | 27.5\% | 27.2\% |
| No | 32.5\% | 32.8\% | 40.5\% | 25.5\% |
| PL | 59.8\% | 59.3\% | 66.3\% | 64.9\% |
| PT | 45.3\% | 48.6\% | 51.2\% | 51.8\% |
| Ro | 68.8\% | 67.6\% | 65.5\% | 62.1\% |
| SE | 29.2\% | 29.5\% | 29.0\% | 27.1\% |
| SI | 65.1\% | 62.9\% | 59.6\% | 60.6\% |
| SK | 59.8\% | 59.8\% | 61.4\% | 63.3\% |
| EU/EEA | 44.7\% | 44.6\% | 46.5\% | 46.0\% |

[^2] Data available from Q4 2017 onv

## Statistical Annex

Exposures to Real Estate activities and Construction
In compliance with the Recommendation ESRB/2016/14 on closing real estate data gaps, the EBA is disclosing aggregated information on the exposure
towards Non-financial corporations under Real Estate activities (NACE code L) and Construction Sector (NACE code F) ${ }^{(1)(2)}$

| By country of counterparty | Total exposures to Real Estate activities (NACE L) |  |  |  |  |  |  |  | Non-performing exposures to Real Estate activities (NACE L) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross carrying amount |  |  |  | As \% of Total of exposures to Nonfinancial corporations |  |  |  | Gross carrying amount |  |  |  | NPL ratio |  |  |  |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| at | 33.8 | 34.3 | 32.3 | 34.5 | 30.6\% | 30.6\% | 30.9\% | 32.9\% | 0.7 | 0.6 | 0.5 | 0.5 | 1.9\% | 1.9\% | 1.7\% | 1.4\% |
| BE | 23.2 | 23.9 | 25.1 | 26.1 | 15.7\% | 15.9\% | 15.4\% | 15.4\% | 0.9 | 0.9 | 1.0 | 1.0 | 3.8\% | 3.6\% | 3.9\% | 3.8\% |
| BG | 1.8 | 1.6 | 1.7 | 1.6 | 11.1\% | 10.0\% | 10.2\% | 10.8\% | 0.8 | 0.7 | 0.7 | 0.5 | 42.8\% | 42.3\% | 40.3\% | 33.9\% |
| Cr | 4.2 | 3.7 | 3.7 | 3.2 | 16.9\% | 15.8\% | 15.8\% | 15.1\% | 1.6 | 1.6 | 1.4 | 0.9 | 36.8\% | 43.3\% | 39.3\% | 28.2\% |
| cz | 13.1 | 12.3 | 12.7 | 12.2 | 25.9\% | 24.3\% | 24.5\% | 25.3\% | 0.2 | 0.2 | 0.1 | 0.1 | 1.6\% | 1.4\% | 1.0\% | 1.0\% |
| DE | 179.0 | 178.2 | 171.1 | 172.9 | 32.7\% | 32.6\% | 30.2\% | 29.5\% | 1.9 | 1.6 | 1.6 | 1.5 | 1.1\% | 0.9\% | 0.9\% | 0.9\% |
| DK | 59.3 | 60.0 | 60.9 | 61.1 | 4.5\% | 49.7\% | 48.1\% | 45.3\% | 1.9 | 2.0 | 2.4 | 1.9 | 3.3\% | 3.3\% | 3.9\% | 3.1\% |
| EE | 2.6 | 3.0 | 3.1 | 3.1 | 31.3\% | 30.6\% | 31.0\% | 30.2\% | 0.0 | 0.0 | 0.1 | 0.0 | 1.8\% | 1.5\% | 1.7\% | 0.8\% |
| ES | 43.5 | 44.5 | 44.6 | 43.6 | 12.7\% | 13.0\% | 13.2\% | 12.8\% | 6.6 | 6.2 | 5.9 | 5.6 | 15.1\% | 13.9\% | 13.2\% | 12.8\% |
| FI | 41.5 | 40.1 | 39.9 | 42.6 | 46.7\% | 45.4\% | 44.2\% | 45.6\% | 0.2 | 0.2 | 0.2 | 0.2 | 0.5\% | 0.4\% | 0.6\% | 0.6\% |
| FR | 252.1 | 252.0 | 252.9 | 260.3 | 31.9\% | 31.5\% | 30.9\% | 31.5\% | 8.3 | 8.0 | 7.6 | 7.7 | 3.3\% | 3.2\% | 3.0\% | 3.0\% |
| GB | 111.7 | 113.9 | 120.3 | 119.4 | 22.0\% | 22.7\% | 23.0\% | 22.7\% | 3.8 | 2.7 | 2.6 | 3.3 | 3.4\% | 2.3\% | 2.2\% | 2.8\% |
| GR | 5.4 | 5.5 | 5.5 | 4.9 | 5.7\% | 5.8\% | 6.0\% | 5.4\% | 3.1 | 3.1 | 3.1 | 2.6 | 57.6\% | 56.4\% | 56.1\% | 52.8\% |
| HR | 1.5 | 1.3 | 1.3 | 1.4 | 10.5\% | 9.6\% | 9.2\% | 10.5\% | 0.6 | 0.4 | 0.3 | 0.4 | 38.1\% | 29.9\% | 25.7\% | 26.7\% |
| ни | 3.9 | 3.9 | 3.8 | 3.9 | 20.3\% | 20.1\% | 19.8\% | 20.1\% | 0.4 | 0.3 | 0.3 | 0.2 | 9.0\% | 8.2\% | 6.7\% | 6.3\% |
| IE | 16.3 | 15.3 | 15.2 | 14.7 | 23.5\% | 22.0\% | 22.1\% | 21.1\% | 5.9 | 4.6 | 4.1 | 3.3 | 36.1\% | 30.2\% | 27.0\% | 22.7\% |
| 15* | п.a. | n.a. | 3.0 | 3.1 | n.a. | n.a. | 25.8\% | 25.1\% | n.a. | n.a. | 0.1 | 0.1 | n.a. | n.a. | 2.8\% | 2.3\% |
| $1{ }^{1 T}$ | 60.7 | 59.8 | 58.7 | 56.0 | 13.7\% | 13.3\% | 13.2\% | 12.8\% | 21.0 | 20.3 | 19.6 | 16.8 | 34.6\% | 34.0\% | 33.3\% | 30.0\% |
| LT | 1.7 | 2.1 | 2.1 | 2.1 | 23.9\% | 23.6\% | 23.4\% | 21.9\% | 0.0 | 0.1 | 0.1 | 0.1 | 2.4\% | 6.4\% | 5.9\% | 5.0\% |
| เu | 31.8 | 31.1 | 31.7 | 32.9 | 34.3\% | 37.9\% | 37.4\% | 36.2\% | 0.3 | 0.3 | 0.3 | 0.3 | 1.0\% | 1.0\% | 1.0\% | 0.9\% |
| ıv | 1.5 | 1.9 | 1.5 | 1.5 | 28.4\% | 27.4\% | 24.1\% | 23.0\% | 0.1 | 0.2 | 0.2 | 0.1 | 3.4\% | 11.1\% | 13.9\% | 9.9\% |
| mt | 0.5 | 0.5 | 0.6 | 0.6 | 6.6\% | 6.5\% | 9.3\% | 8.4\% | 0.1 | 0.1 | 0.0 | 0.1 | 10.7\% | 11.1\% | 7.2\% | 9.3\% |
| NL | 98.9 | 97.4 | 97.0 | 96.0 | 30.6\% | 31.1\% | 30.1\% | 29.9\% | 3.6 | 3.6 | 3.3 | 2.5 | 3.7\% | 3.7\% | 3.4\% | 2.6\% |
| No | 45.5 | 43.1 | 44.5 | 45.1 | 38.9\% | 38.1\% | 38.5\% | 37.9\% | 0.4 | 0.4 | 0.3 | 0.3 | 0.8\% | 0.9\% | 0.7\% | 0.7\% |
| PL | 13.8 | 13.6 | 13.1 | 13.2 | 20.1\% | 19.1\% | 18.3\% | 19.2\% | 0.6 | 0.6 | 0.5 | 0.5 | 4.4\% | 4.1\% | 4.1\% | 3.8\% |
| PT | 8.2 | 8.4 | 7.9 | 8.0 | 10.7\% | 11.1\% | 10.7\% | 10.9\% | 3.1 | 2.8 | 2.6 | 2.4 | 37.5\% | 33.4\% | 33.4\% | 29.7\% |
| Ro | 3.2 | 3.0 | 2.9 | 2.6 | 13.8\% | 13.6\% | 13.1\% | 11.8\% | 0.9 | 0.7 | 0.7 | 0.5 | 27.5\% | 21.8\% | 23.2\% | 19.8\% |
| SE | 135.2 | 133.5 | 130.8 | 130.0 | 60.6\% | 60.3\% | 59.9\% | 59.4\% | 0.1 | 0.1 | 0.1 | 0.2 | 0.1\% | 0.1\% | 0.1\% | 0.1\% |
| 51 | 0.7 | 0.6 | 0.5 | 0.5 | 7.0\% | 6.6\% | 5.9\% | 5.8\% | 0.2 | 0.2 | 0.1 | 0.1 | 28.4\% | 30.0\% | 22.5\% | 19.2\% |
| SK | 3.6 | 3.8 | 3.7 | 3.7 | 17.2\% | 17.9\% | 17.1\% | 17.2\% | 0.3 | 0.3 | 0.3 | 0.2 | 8.6\% | 7.3\% | 7.6\% | 6.5\% |
| EU/ EEA | 1,198.1 | 1,195.2 | 1,192.1 | 1,200.8 | 27.4\% | 27.3\% | 26.8\% | 26.8\% | 67.5 | 62.8 | 60.3 | 54.0 | 5.6\% | 5.3\% | 5.1\% | 4.5\% |
| Memo item: Non-EU / EEA countries | 196.2 | 200.2 | 202.2 | 199.1 | 13.1\% | 13.5\% | 13.7\% | 12.7\% | 3.4 | 3.3 | 3.5 | 3.3 | 1.7\% | 1.7\% | 1.7\% | 1.6\% |


| Total exposures to Construction (NACE F) |  |  |  |  |  |  |  |  | Non-performing exposures to Construction (NACE F) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| By country of counterparty | Gross carrying amount |  |  |  | As \% of Total of exposures to Nonfinancial corporations |  |  |  | Gross carrying amount |  |  |  | NPL ratio |  |  |  |
|  | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 | Sep-17 | Dec-17 | Mar-18 | Jun-18 |
| At | 13.8 | 13.7 | 11.8 | 10.4 | 12.5\% | 12.2\% | 11.3\% | 9.9\% | 0.6 | 0.5 | 0.5 | 0.5 | 4.1\% | 3.9\% | 4.3\% | 4.5\% |
| BE | 15.8 | 15.5 | 16.7 | 18.1 | 10.7\% | 10.3\% | 10.2\% | 10.7\% | 0.7 | 0.7 | 0.7 | 0.7 | 4.4\% | 4.7\% | 4.1\% | 3.7\% |
| BG | 1.3 | 1.2 | 1.2 | 1.1 | 7.8\% | 7.5\% | 7.4\% | 7.3\% | 0.5 | 0.4 | 0.4 | 0.3 | 34.7\% | 32.3\% | 33.0\% | 27.8\% |
| Cr | 4.7 | 4.5 | 4.3 | 3.3 | 18.8\% | 19.2\% | 18.7\% | 15.5\% | 3.5 | 3.4 | 3.2 | 2.2 | 73.8\% | 76.3\% | 74.9\% | 68.3\% |
| cz | 2.0 | 2.0 | 1.9 | 1.9 | 4.0\% | 3.9\% | 3.7\% | 3.9\% | 0.2 | 0.2 | 0.1 | 0.1 | 8.8\% | 7.7\% | 7.1\% | 7.3\% |
| DE | 15.1 | 14.7 | 23.8 | 29.1 | 2.8\% | 2.7\% | 4.2\% | 5.0\% | 0.7 | 0.7 | 0.7 | 0.7 | 4.5\% | 4.8\% | 3.0\% | 2.4\% |
| DK | 3.0 | 3.0 | 3.1 | 3.2 | 2.5\% | 2.5\% | 2.4\% | 2.4\% | 0.2 | 0.2 | 0.2 | 0.1 | 5.2\% | 5.4\% | 5.7\% | 4.7\% |
| EE | 0.2 | 0.3 | 0.3 | 0.3 | 2.7\% | 3.3\% | 2.9\% | 2.8\% | 0.0 | 0.0 | 0.0 | 0.0 | 0.9\% | 3.8\% | 7.6\% | 7.4\% |
| ES | 49.3 | 46.4 | 39.9 | 38.9 | 14.4\% | 13.5\% | 11.8\% | 11.5\% | 13.3 | 11.5 | 8.4 | 7.4 | 26.9\% | 24.8\% | 21.0\% | 19.1\% |
| FI | 2.9 | 3.6 | 3.8 | 4.3 | 3.2\% | 4.0\% | 4.2\% | 4.6\% | 0.1 | 0.1 | 0.1 | 0.1 | 4.2\% | 3.4\% | 3.5\% | 2.9\% |
| FR | 34.0 | 34.2 | 34.0 | 34.9 | 4.3\% | 4.3\% | 4.2\% | 4.2\% | 2.6 | 2.6 | 2.5 | 2.4 | 7.6\% | 7.7\% | 7.3\% | 6.9\% |
| GB | 40.5 | 37.9 | 38.0 | 37.5 | 8.0\% | 7.5\% | 7.3\% | 7.1\% | 2.1 | 2.9 | 2.5 | 2.0 | 5.1\% | 7.6\% | 6.5\% | 5.3\% |
| GR | 9.6 | 9.4 | 9.2 | 8.6 | 10.1\% | 10.0\% | 10.0\% | 9.6\% | 6.5 | 6.4 | 6.2 | 5.5 | 68.3\% | 67.9\% | 67.1\% | 64.3\% |
| HR | 1.6 | 1.5 | 1.4 | 1.2 | 11.1\% | 10.9\% | 10.5\% | 8.8\% | 0.6 | 0.5 | 0.4 | 0.3 | 36.0\% | 32.5\% | 30.2\% | 28.7\% |
| ни | 1.1 | 1.1 | 1.0 | 0.9 | 5.5\% | 5.5\% | 5.3\% | 4.8\% | 0.1 | 0.1 | 0.0 | 0.0 | 12.7\% | 11.1\% | 4.7\% | 3.2\% |
| IE | 2.4 | 2.4 | 2.4 | 2.2 | 3.4\% | 3.4\% | 3.5\% | 3.2\% | 0.9 | 0.7 | 0.7 | 0.5 | 37.9\% | 30.4\% | 28.7\% | 24.1\% |
| 15* | n.a. | n.a. | 1.1 | 1.1 | n.a. | n.a. | 9.3\% | 8.9\% | n.a. | n.a. | 0.0 | 0.0 | n.a. | n.a. | 3.6\% | 1.6\% |
| IT | 47.6 | 46.4 | 45.3 | 40.7 | 10.8\% | 10.3\% | 10.2\% | 9.3\% | 22.3 | 21.8 | 21.2 | 17.0 | 46.8\% | 47.0\% | 46.7\% | 41.8\% |
| เт | 0.2 | 0.3 | 0.3 | 0.3 | 2.6\% | 2.8\% | 2.8\% | 3.1\% | 0.0 | 0.0 | 0.0 | 0.0 | 10.6\% | 14.6\% | 14.9\% | 12.5\% |
| เu | 1.9 | 1.3 | 1.3 | 1.4 | 2.1\% | 1.5\% | 1.5\% | 1.5\% | 0.1 | 0.1 | 0.1 | 0.1 | 6.9\% | 7.7\% | 9.3\% | 8.6\% |
| Lv | 0.2 | 0.2 | 0.2 | 0.2 | 3.2\% | 3.0\% | 3.2\% | 3.4\% | 0.0 | 0.0 | 0.0 | 0.0 | 2.3\% | 9.9\% | 9.8\% | 7.7\% |
| mт | 0.3 | 0.3 | 0.3 | 0.3 | 4.0\% | 4.1\% | 4.1\% | 3.9\% | 0.1 | 0.1 | 0.1 | 0.1 | 41.5\% | 42.3\% | 40.5\% | 40.7\% |
| NL | 12.0 | 11.1 | 11.2 | 11.4 | 3.7\% | 3.5\% | 3.5\% | 3.5\% | 1.4 | 1.3 | 1.2 | 0.9 | 11.7\% | 11.3\% | 10.3\% | 8.1\% |
| No | 11.4 | 10.9 | 11.4 | 12.1 | 9.7\% | 9.7\% | 9.8\% | 10.1\% | 0.1 | 0.1 | 0.1 | 0.1 | 1.2\% | 1.1\% | 0.9\% | 0.9\% |
| PL | 3.8 | 3.8 | 3.6 | 3.4 | 5.5\% | 5.3\% | 5.0\% | 4.9\% | 0.4 | 0.4 | 0.4 | 0.3 | 11.4\% | 11.3\% | 12.4\% | 8.9\% |
| PT | 10.6 | 10.5 | 10.2 | 10.0 | 13.9\% | 13.7\% | 13.8\% | 13.7\% | 5.1 | 4.7 | 4.6 | 4.2 | 48.3\% | 44.5\% | 45.3\% | 42.3\% |
| Ro | 2.4 | 2.0 | 2.0 | 2.0 | 10.4\% | 9.1\% | 9.3\% | 9.2\% | 0.8 | 0.5 | 0.5 | 0.4 | 31.2\% | 24.7\% | 24.3\% | 21.1\% |
| SE | 6.3 | 6.1 | 6.0 | 5.9 | 2.8\% | 2.8\% | 2.8\% | 2.7\% | 0.0 | 0.0 | 0.1 | 0.1 | 0.7\% | 0.7\% | 2.2\% | 2.1\% |
| SI | 0.4 | 0.4 | 0.4 | 0.4 | 4.8\% | 4.6\% | 4.8\% | 5.0\% | 0.2 | 0.2 | 0.2 | 0.1 | 41.7\% | 37.1\% | 34.7\% | 31.1\% |
| sk | 1.0 | 0.9 | 0.9 | 1.0 | 4.8\% | 4.2\% | 4.3\% | 4.9\% | 0.1 | 0.1 | 0.1 | 0.1 | 9.3\% | 9.5\% | 8.3\% | 6.7\% |
| EU/ EEA | 295.2 | 286.2 | 287.0 | 286.1 | 6.8\% | 6.5\% | 6.5\% | 6.4\% | 63.1 | 60.3 | 55.4 | 46.7 | 21.4\% | 21.1\% | 19.3\% | 16.3\% |
| Memo item: Non-EU / EEA countries | 63.0 | 59.0 | 51.6 | 51.3 | 4.2\% | 4.0\% | 3.5\% | 3.3\% | 4.5 | 4.2 | 4.6 | 4.0 | 7.1\% | 7.2\% | 8.9\% | 7.7\% |

[^3]*Data available from Q1 2018 onwards

## Statistical Annex

Profitability analysis


Individual country data includes subsidiaries, which are excluded from EU aggregate. For example, at country level the subsidiary in country $X$ of a bank domiciled in country $Y$ is included both in data for countries $X$ and $Y$ (for the latter as part of the consolidated entity). In the EU aggregate, only the consolidated entity domiciled in country $Y$ is considered. The sample of banks is unbalanced and reviewed annually
(1) The RoE is decomposed according to the formula: RoE = (NoP / Asset) * (Asset / Equity) * (EbT / NoP) * (NP / EbT). In case of a negative EbT, the ratio NP / EbT is computed according to the formula (1- (EbDT - NP) / ABS (EbT)) to maintain the sign of the tax effect. Therefore, the RoE decomposition adjusts to the following: RoE = (NoP / Asset) * (Asset / Equity) * (EbT / NoP) * ( $1+$ ( 1 -(NP / EbT))). *Data available from Q4 2017 onwards

## Methodological note on the Risk Indicators' (RIs) heatmap

The heatmap provides a quick overview of the main RIs, in which it is possible to find the category, number and designation of the specific RI, its historic development and the three buckets in which each data point is assigned to across time (green for the "best" bucket, yellow for the intermediary one and red for the "worst" bucket). The "sample of reporting banks" returns the actual number of banks that submitted the expected data for that reference date (consolidated view).

For each of the RIs' quarterly data, the distribution across the three buckets is computed in respect of the sum of total assets from all banks. Thus, if we observe any given bucket increasing its percentage, we immediately acknowledge that more assets are being assigned to that bucket. However, this does not necessarily mean that more banks are comprised within the bucket (the sum of total assets for all banks is fixed, as well as the total assets from each bank taken individually).

The traffic light of each RI can assume three colours (green, yellow and red) depending on the latest developments on the "worst" bucket of the RI comparing to the whole time series. If the "worst" bucket is progressing positively (i.e. in case fewer assets are being assigned to it), the traffic light should be moving away from red getting closer to green. The colour is computed considering the 33rd and the 67th percentile of the time series.

To help reading the heatmap, let us consider the example of the cost to income ratio:


The green traffic light for the ratio points to the good behaviour of this RI in the last quarter relating to past observations.

More than just declaring if the "worst" bucket has more or less percentage of assets assigned to it, this traffic light approach delivers simultaneously an insight to the latest developments in the RI's "worst" bucket and to the relative position of that data point comparing to all other observations in the same bucket.

The Risk Assessment (RA) meter summarizes the developments in all the KRIs included in the heatmap, providing a single measure. It is computed as the weighted average across the KRIs sum of total assets in the "intermediate" and "worst" bucket. The average is weighted in order to guarantee that each KRI category (solvency, credit risk and asset quality, earnings and balance sheet structure) receives the same weight. Since each category includes a different number of KRIs, the weight of each KRI is thus different. The risk perception increases with higher values of the RA meter: the closer to $100 \%$, the higher the risk.

## Risk Indicators in the Dashboard

| Nr | Risk Indicator code | Dashboard name | Formula | Data Point A* |  |  | Data Point B* |  |  | Data Point ${ }^{\text {* }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Template | Row | Column | Template | Row | Column | Template | Row | Column |
| 1 | SVC_1 | Tier 1 capital ratio | Tier 1 capital (A) / Total risk exposure amount (B) | C01.00 | 015 | 010 | C02.00 | 010 | 010 |  |  |  |
| 2 | SVC_2 | Total capital ratio | Own funds (A) / Total risk exposure amount (B) | c 01.00 | 010 | 010 | c 02.00 | 010 | 010 |  |  |  |
| 3 | SVC 3 | CETI - capital ratio | Common equity TIER 1 capital (A)/- Total risk exposure amount (B) | C01.00 | 020 | 010 | coz.oo | 0 | 010 |  |  |  |
| 4 | SvC_29 | CET 1 ratio (fully phased-in definition) | Tier 1 capital (A) / Total risk exposure amount (B) with both, numerator and denominator, being adjusted for transitional effects | \{C 01.00(r020, c10) - C 05.01(r010, co10) - C 01.00(r440, c010) + MIN (IC 01.00(r530, c10) - C 01.00(r740, c10) - C 05.01)(r010, c020) - C 01.00(r720, <br>  |  |  |  |  |  |  |  |  |
| 5 | AQT_3. 2 | Share of non-performing loans and advances (NPL ratio) | Non-performing loans and advances (A)/Total gross loans and advances (B) | F 18.00 | 070, 191, 221 | 060 | F 18.00 | 070, 191, 221 | 010 |  |  |  |
| 6 | AQT_41.2 | Coverage ratio of non-performing loans and advances | Accumulated impairment, accumulated negative changes in fair value due to credit risk for non-performing loans and advances (A) / Total gross nonperforming loans and advances (B) | F 18.00 | [070, 191, 221 | 150 | F 18.00 | 070, 191, 221 | 060 |  |  |  |
| 7 | AQT_42.2 | Forbearance ratio - Loans and advances (gross amount) (FBL) | Exposures with forbearance measures for loans and advances [A] / total instruments on $\mathrm{BS}[B]$ | F 19.00 | 070, 191, 221 | 010 | F 18.00 | 070, 191, 221 | 010 |  |  |  |
| 8 | AQT_3. 1 | Non-performing debt instruments (loans and advances \& debt securities) other than held for trading to total gross debt instruments (NPE ratio) | Non-performing debt instruments (loans and advances \& debt securities) other than held for trading (A) / Total gross debt instruments (B) | F 18.00 | 330 | 060 | F 18.00 | 330 | 010 |  |  |  |
| 9 | PFT_21 | Return on equity (numerator annualised, denominator as average)** | Profit or loss for the year (A) / Total equity (B) | F 02.00 | 670 | 010 | F 01.03 | [300 | 010 |  |  |  |
| 10 | PFT_24 | Return on assets (numerator annualised, denominator as average) ${ }^{* *}$. | Profit or loss for the year (A) / Total assets (B) | F 02.00 | 670 | 010 | F 01.01 | [380 | 010 |  |  |  |
| 11 | PFT_23 | Cost to income ratio | Administrative and depreciation expenses (A) / Total net operating income (B) | F 02.00 | 360, 390 | 010 | F 02.00 | 355 | 010 |  |  |  |
| 12 | PFT_25 | Net interest income to total net operating income | Net interest income (Interest income (A) - Interest expenses (B)) / Total net operating income (C) | F 02.00 | 010 | 010 | F 02.00 | 090 | 010 | F 02.00 | 355 | 010 |
| 13 | PFT_26 | Net fee and commission income to total net operating income | Net fee and commission income (Fee and commission income (A) - Fee and commission expenses (B)) / Total net operating income (C) | F 02.00 | 200 | 010 | F 02.00 | 210 | 010 | F 02.00 | [355 | 010 |
| 14 | PFT_29 | Net gains on financial assets and liabilities held for trading to total net operating income | Net gains or losses on financial assets and liabilities held for trading $(\mathrm{A}) /$ Total net operating income (B) | F 02.00 | \| 280,285 | 010 | F 02.00 | \|355 | 010 |  |  |  |
| 15 | PFT_41 | Net interest margin (numerator annualised, denominator as average)** | Interest income (A) - interest expenses (B) / Interest earning assets (C) | F 02.00 | 010 | 010 | F 02.00 | 090 | 010 | F 01.01 | $010,0080,090,094,0955$, 120, 130, 173, 174, 177, 178, 232, 233, 236, 237, 098, 099, 143, 144, 181 | 010 |
| 16 | FND_32 | Loans and advances-to-deposits ratio for households and non-financial corporations | Total loans and advances to non-financial corporations and households (A <br> +B) / Total deposits to non-financial corporations and households (C) | F 05.01 | 080 | 050, 060 | F 04.01 | 170, 180 | 010 | F 08.01 | [260, 310 | $\begin{aligned} & 010,020,030, \\ & 034,035 \end{aligned}$ |
| 17 | SVC_12 | Leverage ratio (fully phased-in definition of Tier 1) | Tier 1 capital - fully phased-in definition (A) / Total Leverage Ratio exposure - using a fully phased-in definition of Tier 1 capital (B) | C 47.00 | [10 | 010 | C47.00 | 290 | 010 |  |  |  |
| 18 | SVC_13 | Leverage ratio (transitional definition of Tier 1) | Tier 1 capital - transitional definition (A) / Total Leverage Ratio exposure using a transitional definition of Tier 1 capital ( $B$ ) | C 47.00 | -320 | 010 | C 47.00 | 300 | 010 |  |  |  |
| 19 | FND-12- | Debttoequity ratio | Totaliliabilities (A)/Totalequity (B) | F01.02 | 300 | 010 | F01.03 | 300 | 010 |  |  |  |
| 20 | FND_33 | Asset encumbrance ratio | Total encumbered assets and collateral (A) / Total assets and collateral ( $B+C$ ) *** | $\begin{aligned} & \text { F32.018 } \\ & \mathrm{F} 32.02 \end{aligned}$ | 010, 130 | 010 | F 32.01 | 010 | 010, 060 | F 32.02 | 130 | 010, 040 |
| 21 | LIQ_17 | Liquidity coverage ratio | Liquidity Buffer (A) / Net Liquidity Outlow (B) | C76.00 | 010 | 010 | c 76.00 | 020 | 010 |  |  |  |

* The data points refer to the latest version of either FINREP tables ("F") or COREP tables ("C") (http://www.eba.europa.eu/regulation-and-policy/supervisory-reporting/implementing-technical-standard-on-supervisory-reporting). For more information regarding the Risk Indicators formulas, applicable to each reporting
framework, please see the List and Methodological Guide available here (http://www.eba.europa.eu/risk-analysis-and-data/risk-indicators-guide).
${ }_{* * * *}^{* * \text { F the the calculation of the average the previous December figure is used as an "anchor" for the subsequent year, and the second the number is taken from the latest quarter observation, i.e. Q1, Q2, Q3 or Q4. }}$
$* *$ Encumbered assets (recognised on the balance sheet) are considered at their carrying value, collateral received is considered as at fair value.

| Annex series | $\begin{aligned} & \text { Risk Indicator } \\ & \text { code } \end{aligned}$ | $\begin{aligned} & \text { R1's parameter } \\ & \text { shown } \end{aligned}$ | Formula | Data Point A* |  |  | Data Point ${ }^{\text {* }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Template | Row | Column | Template | Row | Colum |
| Cash balances | RDB_1 | Ratio | Cash positions (A) / Total Assets (B) | F01.01 | 1020, 030, 040 | 010 | F01.01 | 380 | 010 |
| Equity instruments | RDB_2 | Ratio | Equity instruments (A) / Total Assets (B) | F 01.01 | $\begin{aligned} & 070,093,097,110 \\ & 142,172,176,235 \\ & 390 \end{aligned}$ | 010 | F 01.01 | 380 | 010 |
| Debt seurrities | RDB_3 | Ratio | Debt securities (A) / Total Assets (B) | F 01.01 | $\left[\begin{array}{l} 880,094,098,120, \\ 173,143,177,182, \\ 232,236 \end{array}\right.$ | 010 | F 01.01 | \|380 | 010 |
| Loans and advances | RDB_4 | Ratio | Loans and advances (A) / Total Assets (B) | F 01.01 | $174,095,099,130$, $178,183,233$, 237 | 010 | F 01.01 | 380 | 010 |
| Derivatives | RDB 5 | Ratio | Derivatives (A)/Total Assets (B) | F01.01 | O60, 092, 240 | 010 | -01.01 | 380 | 010 |
| Other assets | RDB_6 | Ratio | Other assets (A) / Total Assets (B) | F 01.01 | $\begin{aligned} & 250,260,270,300, \\ & 330,360,370 \end{aligned}$ | 010 | F 01.01 | \|380 | 010 |
| Total Assets | RDB_1 | Denominator | Total assets (B) | n/a | n/a | n/a | F01.01 | 380 | 010 |
| Financil assets held for trading to totala assets | - -10-13 | Ratio | Financial assets held for trading (A)/ Total assets (B) | F01.01 | 050,091 | 010 | F01.01 | 380 | 010 |
| Share of fair value level for assets - Level $3^{* * *}$ | AQT_22.3 | Ratio | [level of FV hierarchy for assets] [A] / sum of levels 1 to 3 for assets] [B] | F14.00 | :010, 056,060, 101, <br> 140 | 030 | F14.00 | :010, 056, 060, 101, <br> 140 | 010,020, 030 |
| Total loans and advances | RDB_4 | Numerator | Loans and advances (A) / Total Assets (B) | F 01.01 | ©90, 095, 130, 170, <br> 1774, 178, 200, 230, <br> [233, 237 | 010 | n/a | [n/a | [n/a |
| Debt securties to total liailities | FND_9 | Ratio | Debt securities issued (A) / Total liabilities (B) | F01.02 | 050, 065, 090, 130, 143 | 010 | F01.02 | 300 | 010 |
| Deposits from credit institutions to total liabilities | FND_10 | Ratio | Deposits from crediti institutions (A) / Total liabilities (B) | F08.01 | 160 | ${ }^{1010,0200,030,034,}$ | F01.02 | 300 | 010 |
| Customer deposits to total liabilities | FND_18 | Ratio | Total deposits other than from credititinstitutions (A)/ / otal liabilities (B) | F08.01 | 110, 210, 260, 310 | 1010, 020, 030, 034, 035 | F01.02 | 300 | 010 |
| Other liabilities | n/a | Ratio | Residual in total liabilities | n/a | n/a | n/a | n/a | [n/a | [n/a |
| Total liabilities | FND_18 | Denominator | Total depososits other than from banks (A)/T/ Total liabilities (B) | n/a | n/a | n/a | F01.02 | 300 | 010 |
| Share of secured funding |  | Caiculated as sum | -numerator FND_28 and FND_29]/ umerator FND-9 | n/a | n/a | n/a | n/a | n/a | H/a |
|  | FND_28 | Numerator | Covered bonds ( $A$ / Total liabilities ( $B$ ) | F 08.01 | 390 | 010, 020, 030, 034, <br> 035 | n/a | n/a | n/a |
|  | FND_29 | Numerator | Asset-backed securities (A) / Total liabilities (B) | F08.01 | 380 | 1010, 020, 030, 034, :035 | n/a | n/a | n/a |
| Credit risk capital requirements (excl. securitisation) | Calculated as 5 CV 4 - $\mathrm{SCV}_{6} 6$ |  |  | n/a | n/a | n/a | n/a | n/a | in/a |
|  | Scv_4 | Ratio | Risk-weighted exposure amounts for credit, counterparty credit and dilution risks and free deliveries $(\bar{A}) / \bar{T}$ Total exposure amount (B) <br> Securtitisation positions (SA and 1 RB) $/ \bar{A}) /$ Ris-weighted exposure amounts for credit, counterparty credit and dilution risks and free deliveries (B) | c 02.00 | 040 | 010 | co2.00 | 010 | 010 |
| Securitisation risk exposure amounts of total credit risk exposure amounts | ScV_6 | Ratio |  | co2.00 | 220, 430 | 010 | co2.00 | 040 | 010 |
| Market risk exposure of total risk exposure amounts | SCV_8 | Ratio | Total risk exposure amount for position, foreign exchange and commodities risks (A) / Total risk exposure amount (B) | coz.00 | 520 | 010 | co2.00 | 010 | 010 |
| Operational risk exposure of total risk exposure amounts | ScV_9 | Ratio | Total ris exposure amount for OpR (A)/ Total risk exposure amount (B) | C02.00 | 590 | 010 | C02.00 | 010 | 010 |
| Other capital requirements | n/a | Ratio | Residual in total capital requirements | n/a | n/a | n/a | n/a | n/a | n/a |
| Non-performing loans | AQT 3.2 | Numerator | Non-performing loans and davances | F18.00 | :070, 191, 221 | 060 | n/a | [n/a | [n/a |
| Loans and advances | AQT 3.2 | Denominator | Total gross loans and advances | F18.00 | 1070, 191,221 | 010 | n/a | n/a | in/a |
| NPL Ratio | AQTI 3.2 | Ratio | Non-performing loans and davances (A)/ / otala gros loans and advances (B) | F18.00 | 1070, 191,221 | :060 | F.88.00 | 1070,191,221 | 1010 |
| Coverage ratio of non-performing loans and advances | AQT_41.2 | Ratio | Accumulated impairment, accumulated negative changes in fair value due to credit risk for non-performing loans and advances (A) / Total gross non-performing loans and advances (B) | F18.00 | 070, 191, 221 | 150 | F18.00 | 070, 191, 221 | 060 |
| Proportion of exposures to NACE F (Construction) | AQT 70.6 | Ratio | Exposures to NACE F (Construction) (A)/Total exposures to non-financial corporation (B) | F20.07.1 | 060 | 010 | F20.07.1 | 190 | 010 |
| Non-performing exposures to NACEF (Construction) | AQT_71.6 | Ratio | Non-performing exposures to $\operatorname{NACEF}(A) /$ / otal exposures to NACEF ( (Construction) (B) | F 20.07. | 060 | 012 | F20.07.1 | 060 | 010 |
| Proportion of exposures to NACEL(Real Estate Activities) | AQT 70.11 | Ratio | Exposures to NACEL (Real Estate Activitie) (A) / Total exposures to non-fimancial corporations (B) | F20.07. | 110 | 010 | F20.07. | 190 | 010 |
| Non-performing exposures to NACEL LReal Estate Activities) | AQT 71.11 | Ratio | Non-performing exposures to NACEL L(A) / Total e exposures to NACEL LReal Estate Activities) (B) | F-20.07.1 | 110 | 012 | F20.07. | 110 | 010 |
| NoP / Asset (asset yield contribution) (numerator annualised, denominator as average)** | PFT_17 | Ratio | Total net operating income (A) / Total Assets (B) | F02.00 | 355 | 010 | F01.01 | -380 | 010 |
| Asset / Equity (leverage contribution) (numerator and denominator both as average)** | PFT_18 | Ratio | Total Assets (A) / Total equity (B) | F 01.01 | 380 | 010 | F01.03 | 300 | [10 |
| EbT / NoP <br> (Non operating contribution) | PFT_19 | Ratio |  operating income net (B) | F02.00 | 610 | 010 | F 02.00 | 355 | 010 |
| $\begin{aligned} & \text { Non / EbT } \\ & \text { (tax effect on the capital yield) } \\ & \hline \end{aligned}$ | PFT_20 | Ratio | [Net Profit $=$ Profit or loss for the year (B)]/(Earnings before Income Tax $=$ Profit or $(-)$ loss before tax from continuing operations (A)] | F 02.00 | 670 | 010 | F 02.00 | 610 | 010 |

[^4]Department Economic Analysis and Statistics (EAS)
One Canada Square, Canary Wharf - London E14 5AA, United Kingdom


[^0]:    *) This risk dashboard is based on a sample of Risk Indicators (RII) from 190 European banks (unconsolidated number of banks, including 36 subsidiaries; the list of the banks can be found under the link
    https://www.eba.europa.eu/risk-analysis-and-data). The sample of banks is reviewed annually by competent authorities and adjusted accordingly (http://www.eba.europa.eu/documents/10180/16082/

[^1]:    Individual country data includes subsidiaries, which are excluded from considered. The sample of banks is unbalanced and reviewed annualy.

[^2]:    ndividual country data includes subsidiaries, which are excluded from EU aggregate. For example, at country level the subsidiary in country X of a bank domiciled in country Y is included both in data for countries X and Y (for the latter as part of the consolidated entity). In the EU agregate, only the consolidated

[^3]:    (1) In disclosing aggregated information on the real estate (RE) exposures towards the different national RE markets in the Union, the EBA made use of information in regulatory reporting templates that provide a breakdown of credit exposures. RE exposures are identified as those referred to as both the NACE codes ' $F$ ' and ' 'l', although strictly speaking some sub-categories would need to be excluded following the Commercial Real Estate (CRE) definition adopted in the ESRB Recommendation.

[^4]:    
    ${ }^{* * * *}$ For the calculation of the average the previous December figure is used as an "anchor" for the subsequent year, and the second the number is taken from the latest quarter observation, i.e. Q1, Q2, Q3 or Q4.
    *** Applicable only to I IFSS reporting banks

