

## Glossary of terms

**'A-IRB' / 'Advanced-Internal Ratings Based'** See 'Internal Ratings Based (IRB)'.

**'ABS CDO Super Senior'** Super senior tranches of debt linked to collateralised debt obligations of asset backed securities (defined below). Payment of super senior tranches takes priority over other obligations.

**'Acceptances and endorsements'** An acceptance is an undertaking by a bank to pay a bill of exchange drawn on a customer. The Group expects most acceptances to be presented, but reimbursement by the customer is normally immediate. Endorsements are residual liabilities of the Group in respect of bills of exchange which have been paid and subsequently rediscounted.

**'Additional Tier 1 (AT1) capital'** In the context of CRD IV, a type of capital as defined in the Capital Requirements Regulation (CRR).

**'Additional Tier 1 (AT1) securities'** Securities that are treated as additional tier 1 (AT1) capital in the context of CRD IV.

**'Advanced Measurement Approach'** Under CRD IV, operational risk charges can be calculated by using one of three methods (or approaches) that increase in sophistication and risk sensitivity: (i) the Basic Indicator Approach; (ii) the Standardised Approach; and (iii) the Advanced Measurement Approach (AMA). Under the AMA the banks are allowed to develop their own empirical model to quantify required capital for operational risk. Banks can only use this approach subject to approval from their local regulators.

**'Agencies'** Bonds issued by state and / or government agencies or government-sponsored entities.

**'Agency Mortgage-Backed Securities'** Mortgage-Backed Securities issued by government-sponsored entities.

**'All price risk (APR)'** An estimate of all the material market risks, including rating migration and default for the correlation trading portfolio.

**'American Depository Receipts (ADR)'** A negotiable certificate that represents the ownership of shares in a non-US company (for example Barclays) trading in US financial markets.

**'Americas'** Geographic segment comprising the USA, Canada and countries where Barclays operates within Latin America.

**'Annual Earnings at Risk (AEaR)'** A measure of the potential change in Net Interest Income (NII) due to an adverse interest rate movements over a predefined time horizon.

**'Application scorecards'** Algorithm based decision tools used to aid business decisions and manage credit risk based on available customer data at the point of application for a product.

**'Arrears'** Customers are said to be in arrears when they are behind in fulfilling their obligations with the result that an outstanding loan is unpaid or overdue. Such customers are also said to be in a state of delinquency. When a customer is in arrears, their entire outstanding balance is said to be delinquent, meaning that delinquent balances are the total outstanding loans on which payments are overdue.

**'Arrears Managed Accounts'** Arrears Managed Accounts are principally Business Lending customers in arrears with an exposure limit less than £50,000 in the UK and €100,000 in Europe, supervised using processes designed to manage a homogeneous set of assets.

**'Asia'** Geographic segment comprising countries where Barclays operates within Asia and the Middle East.

**'Asset Backed Commercial Paper'** Typically short-term notes secured on specified assets issued by consolidated special purpose entities for funding purposes.

**'Asset Backed Securities (ABS)'** Securities that represent an interest in an underlying pool of referenced assets. The referenced pool can comprise any assets which attract a set of associated cash flows but are commonly pools of residential or commercial mortgages and, in the case of Collateralised Debt Obligations (CDOs), the referenced pool may be ABS or other classes of assets.

**'Attributable profit'** Profit after tax that is attributable to ordinary equity holders of Barclays PLC adjusted for the after tax amounts of capital securities classified as equity.

**'Average allocated tangible shareholders equity'** Calculated as the average of the previous month's period end allocated tangible shareholders' equity and the current month's period end allocated tangible shareholders' equity. The average allocated tangible shareholders' equity for the quarter / year is the average of the monthly averages within that quarter / year.

**'Average tangible shareholders equity'** Calculated as the average of the previous month's period end tangible shareholders' equity and the current month's period end tangible shareholders' equity. The average tangible shareholders' equity for the quarter / year is the average of the monthly averages within that quarter / year.

**'Back testing'** Includes a number of techniques that assess the continued statistical validity of a model by simulating how the model would have predicted recent experience.

**'BAGL' or 'Barclays Africa'** Barclays Africa Group Limited, which was previously a subsidiary of the Group. Following a sell down of shares resulting in a loss of control, the Group's shareholding in BAGL is now classified as an Available for Sale asset.

**'Balance weighted Loan to Value (LTV) ratio'** In the context of the credit risk disclosures on secured home loans, a means of calculating marked to market LTVs derived by calculating individual LTVs at account level and weighting it by the balances to arrive at the average position. Balance weighted loan to value is calculated using the following formula:  $LTV = ((\text{loan balance } 1 \times \text{MTM LTV\% for loan } 1) + (\text{loan balance } 2 \times \text{MTM LTV\% for loan } 2) + \dots) / \text{total outstandings in portfolio}$ .

**'The Bank'** Barclays Bank PLC.

**'Barclaycard'** An international consumer payments business serving the needs of businesses and consumers through credit cards, consumer lending, merchant acquiring, commercial cards and point of sale finance. Barclaycard has scaled operations in UK, US, Germany and Scandinavia.

**'Barclays Operating businesses'** The core Barclays businesses operated by Barclays UK (which include the UK Personal business, the small UK Corporate and UK Wealth businesses and the Barclaycard UK consumer credit cards business) and Barclays International (which include the large UK Corporate business; the international Corporate and Wealth businesses; the Investment Bank; the international Barclaycard business; and Barclaycard Business Solutions).

**'Barclays Direct'** A Barclays brand, comprising the savings and mortgage businesses.

**'Barclays International'** The division of Barclays which will not ultimately be ring-fenced as part of regulatory ring fencing requirements. The division includes the large UK Corporate business; the international Corporate and Wealth businesses; the Investment Bank; the international Barclaycard business (consisting of the US, German and Nordic consumer credit cards businesses); and Barclaycard Business Solutions (including merchant acquiring).

**'Barclays Non-Core'** The previously reported unit comprising of a group of businesses and assets that were exited or run down by Barclays, which was closed in 2017.

**'Barclays UK'** The division of Barclays which will be ring-fenced as part of regulatory ring fencing requirements. The division includes the UK Personal business; the small UK Corporate and UK Wealth businesses; and the Barclaycard UK consumer credit cards business.

**'Basel 3'** The third of the Basel Accords on banking supervision. Developed in response to the financial crisis of 2008, setting new requirements on composition of capital, counterparty credit risk, liquidity and leverage ratios.

**'Basel Committee of Banking Supervisors (BCBS or The Basel Committee)'** A forum for regular cooperation on banking supervisory matters which develops global supervisory standards for the banking industry. Its members are officials from central banks or prudential supervisors from 27 countries and territories.

**'Basis point(s)' / 'bp(s)'** One hundredth of a per cent (0.01%); 100 basis points is 1%. The measure is used in quoting movements in interest rates, yields on securities and for other purposes.

**'Basis risk'** Index/Tenor risk, that arises when floating rate products are linked to different interest rate indices, which are imperfectly correlated, especially under stressed market conditions.

**'Behavioural scorecards'** Algorithm based decision tools used to aid business decisions and manage credit risk based on existing customer data derived from account usage.

**'Book quality'** In the context of the Funding Risk, Capital Risk section, changes in RWAs caused by factors such as underlying customer behaviour or demographics leading to changes in risk profile.

**'Book size'** In the context of the Funding Risk, Capital Risk section, changes in RWAs driven by business activity, including net originations or repayments.

**'Businesses'** In the context of Non-Core Analysis of Total income, Barclays Non Core businesses comprise ongoing businesses seeking to be sold-off or run down including Europe retail and non-core elements of the Investment Bank and other non strategic businesses.

**'Business Lending'** Business Lending in Barclays UK that primarily relates to small and medium enterprises typically with exposures up to £3m or with a turnover up to £5m.

**'Business scenario stresses'** Multi asset scenario analysis of extreme, but plausible events that may impact the market risk exposures of the Investment Bank.

**'Buy to let mortgage'** A mortgage where the intention of the customer (investor) was to let the property at origination.

**'Capital Conservation Buffer (CCB)'** Common Equity Tier 1 capital required to be held under CRD IV to ensure that banks build up surplus capital outside periods of stress which can be drawn down if losses are incurred.

**'Capital deduction approach'** An approach available to institutions when calculating risk-weighted assets for securitisation exposures. It is the same as a deduction from capital where the most punitive risk weight of 1250% is applied (assuming 8% Capital Adequacy ratio).

**'Capital ratios'** Key financial ratios measuring the Group's capital adequacy or financial strength. These include the CET1 ratio, Tier 1 capital ratio and Total capital ratio.

**'Capital requirements'** Amount to be held by the Group to cover the risk of losses to a certain confidence level.

**'Capital Requirements Regulation (CRR)'** Regulation (EU) No 575/2013, which accompanies CRD IV and sets out detailed rules for capital eligibility, the calculation of RWAs, the measurement of leverage, the management of large exposures and minimum standards for liquidity.

**'Capital requirements on the underlying exposures (KIRB)'** An approach available to banks when calculating risk weighted assets (RWA) for securitisation exposures. This is based upon the RWA amounts that would be calculated under the IRB approach for the underlying pool of securitised exposures in the program, had such exposures not been securitised.

**'Capital resources'** Financial instruments on balance sheet that are eligible to satisfy capital requirements.

**'Central Counterparty' / 'Central Clearing Counterparties (CCPs)'** A clearing house mediating between the buyer and the seller in a financial transaction, such as a derivative contract or repurchase agreement (repo). Where a central counterparty is used, a single bi-lateral contract between the buyer and seller is replaced with two contracts, one between the buyer and the CCP and one between the CCP and the seller. The use of CCPs allows for greater oversight and improved credit risk mitigation in over-the-counter (OTC) markets.

**'Charge-off'** In the retail segment this refers to the point in time when collections activity changes from the collection of arrears to the recovery of the full balance. This is normally when six payments are in arrears.

**'Charges add-on and non VaR'** In the context of Risk Weighted Assets, any additional Market Risk not captured within Modelled VaR, including Incremental Risk Charges and Correlation Risk.

**'Client Assets'** Assets managed or administered by Barclays on behalf of clients including assets under management (AUM), custody assets, assets under administration and client deposits.

**'CLOs and Other insured assets'** Highly rated CLO positions wrapped by monolines, non-CLOs wrapped by monolines and other assets wrapped with Credit Support Annex (CSA) protection.

**'Collateralised Debt Obligation (CDO)'** Securities issued by a third party which reference Asset Backed Securities (ABSs) (defined above) and/or certain other related assets purchased by the issuer. CDOs may feature exposure to sub-prime mortgage assets through the underlying assets.

**'Collateralised Loan Obligation (CLO)'** A security backed by the repayments from a pool of commercial loans. The payments may be made to different classes of owners (in tranches).

**'Collateralised Mortgage Obligation (CMO)'** A type of security backed by mortgages. A special purpose entity receives income from the mortgages and passes them on to investors of the security.

**'Collectively assessed impairment allowances'** Impairment of financial assets is measured collectively where a portfolio comprises homogenous assets and where appropriate statistical techniques are available.

**'Combined Buffer Requirement'** In the context of the CRD IV capital obligations, the combined requirements of the Capital Conservation Buffer, the GSII Buffer, the OSII buffer, the Systemic Risk buffer and an institution specific counter-cyclical buffer.

**'Commercial paper (CP)'** Short-term notes issued by entities, including banks, for funding purposes.

**'Commercial real estate (CRE)'** Commercial real estate includes office buildings, industrial property, medical centres, hotels, retail stores, shopping centres, farm land, multifamily housing buildings, warehouses, garages, and industrial properties and other similar properties. Commercial real estate loans are loans backed by a package of commercial real estate. Note: for the purposes of the Credit Risk section, the UK CRE portfolio includes property investment, development, trading and housebuilders but excludes social housing contractors.

**'Committee of Sponsoring Organisations of the Treadway Commission Framework (COSO)'** A joint initiative of five private sector organisations dedicated to providing development of frameworks and guidance on enterprise risk management, internal control and fraud deterrence.

**'Commodity derivatives'** Exchange traded and over-the-counter (OTC) derivatives based on an underlying commodity (e.g. metals, precious metals, oil and oil related, power and natural gas).

**'Commodity risk'** Measures the impact of changes in commodity prices and volatilities, including the basis between related commodities (e.g. Brent vs. WTI crude prices).

**'Common Equity Tier 1 (CET1) capital'** In the context of CRD IV, a type of capital as defined by the Capital Requirements Regulation, predominantly consisting of common equity.

**'Common Equity Tier 1 (CET1) ratio'** A measure of the Group's Common Equity Tier 1 capital as a percentage of Risk Weighted Assets under CRD IV. The Group must meet a prescribed ratio.

**'Compensation: income ratio'** The ratio of compensation expense over total income. Compensation represents total staff costs less non-compensation items consisting of outsourcing, bank payroll tax, staff training, redundancy costs and retirement costs.

**'Comprehensive Risk Measure (CRM)'** An estimate of all the material market risks, including rating migration and default for the correlation trading portfolio. Also referred to as All Price Risk (APR) and Comprehensive Risk Capital Charge (CRCC).

**'Constant Currency Basis'** Excluding the impact of foreign currency conversion to GBP when comparing financial results in two different financial periods.

**'Contingent capital notes (CCNs)'** Interest bearing debt securities issued by Barclays PLC or its subsidiaries that are either permanently written off or converted into an equity instrument from the issuer's perspective in the event of the Group's core tier 1 (CT1) or Common Equity Tier 1 (CET1) ratio, as appropriate, falling below a specified level.

**'Core deposit intangibles'** Premium paid to acquire the deposit base of an institution.

**'Correlation risk'** Refers to the change in marked to market value of a security when the correlation between the underlying assets changes over time.

**'Corporate and Investment Banking (CIB)'** Barclays Corporate and Investment Banking businesses which form part of Barclays International.

**'Cost: income ratio'** Operating expenses divided by total income.

**'Cost of Equity'** The rate of return targeted by the equity holders of a company.

**'Cost: net operating income ratio'** Operating expenses compared to total income less credit impairment charges and other provisions.

**'Cost to Achieve (CTA)'** Non-recurring investment in initiatives to drive cost and business efficiency across Barclays through rightsizing, industrialisation and innovation.

**'Cost to income jaws'** Relationship of the percentage change movement in operating expenses relative to total income.

**'Counter-Cyclical Capital Buffer (CCyB)'** CET1 Capital that is required to be held under CRD IV rules to ensure that banks build up surplus capital when macroeconomic conditions indicate areas of the economy are overheating.

**'Countercyclical leverage ratio buffer (CCLB)'** A macroprudential buffer that applies to all Prudential Regulation Authority (PRA) regulated institutions from 2018 and is calculated at 35% of any risk weighted countercyclical capital buffer set by the Financial Policy Committee (FPC). The CCLB applies in addition to the minimum of 3% and any G-SII additional Leverage Ratio Buffer that applies.

**'Counterparty credit risk'** In the context of Risk Weighted Assets, a component of Risk Weighted Assets that represents the risk of loss in derivatives, repurchase agreements and similar transactions resulting from the default of the counterparty.

**'Coverage ratio'** In the context of the Credit risk disclosures, impairment allowances as a percentage of Credit Risk Loan balances.

**'Covered bonds'** Debt securities backed by a portfolio of mortgages that are segregated from the issuer's other assets solely for the benefit of the holders of the covered bonds.

**'CRD IV'** The Fourth Capital Requirements Directive, an EU Directive and an accompanying Regulation (CRR) that together prescribe EU capital adequacy and liquidity requirements and implements Basel 3 in the European Union.

**'Credit conversion factor (CCF)'** Factor used to estimate the risk from off-balance sheet commitments for the purpose of calculating the total Exposure at Default (EAD) used to calculate Risk Weighted Assets (RWAs).

**'Credit default swaps (CDS)'** A contract under which the protection seller receives premiums or interest-related payments in return for contracting to make payments to the protection buyer in the event of a defined credit event. Credit events normally include bankruptcy, payment default on a reference asset or assets, or downgrades by a rating agency.

**'Credit derivatives (CDs)'** An arrangement whereby the credit risk of an asset (the reference asset) is transferred from the buyer to the seller of the protection.

**'Credit impairment charges'** Also known as 'credit impairment'. Impairment charges on loans and advances to customers and banks and impairment charges on available for sale assets and reverse repurchase agreements.

**'Credit market exposures'** Assets and other instruments relating to commercial real estate and leveraged finance businesses that have been significantly impacted by the deterioration in the global credit markets. The exposures include positions subject to fair value movements in the Income Statement, positions that are classified as loans and advances and available for sale and other assets.

**'Credit Products'** Represents credit products and Securitised Products.

**‘Credit quality step’** In the context of the Standardised Approach to calculating credit risk RWAs, a “credit quality assessment scale” maps the credit assessments of a recognised credit rating agency or export credit agency to credit quality steps that determine the risk weight to be applied to an exposure.

**‘Credit Rating’** An evaluation of the creditworthiness of an entity seeking to enter into a credit agreement.

**‘Credit risk’** The risk of the Group suffering financial loss if a counterparty fails to fulfil its contractual obligations to the Group under a loan agreement or similar. In the context of Risk Weighted Assets, it is the component of Risk Weighted Assets that represents the risk of loss in loans and advances and similar transactions resulting from the default of the counterparty.

**‘Credit Risk Loans (CRLs)’** A loan becomes a credit risk loan when evidence of deterioration has been observed, for example a missed payment or other breach of covenant. A loan may be reported in one of three categories: (i) impaired loans; (ii) accruing past due 90 days or more; and (iii) impaired or restructured loans. These may include loans which, while impaired, are still performing but have associated individual impairment allowances raised against them.

**‘Credit risk mitigation’** A range of techniques and strategies to actively mitigate credit risks to which the bank is exposed. These can be broadly divided into three types; collateral, netting and set-off, and risk transfer.

**‘Credit spread’** The premium over the benchmark or risk-free rate required by the market to accept a lower credit quality.

**‘Credit Valuation Adjustment (CVA)’** The difference between the risk-free value of a portfolio of trades and the market value which takes into account the counterparty’s risk of default. The CVA therefore represents an estimate of the adjustment to fair value that a market participant would make to incorporate the credit risk of the counterparty due to any failure to perform on contractual agreements.

**‘CRL Coverage’** Impairment allowances as a percentage of total CRL (See ‘Credit Risk Loans’). Also known as the ‘CRL coverage ratio’.

**‘CRR leverage exposure’** Is calculated in accordance with article 429 as per the CRR which was amended effective from January 2015.

**‘CRR leverage ratio’** As per the CRR which was amended effective from January 2015, is calculated as the using the end-point CRR definition of Tier 1 capital for the numerator and the CRR definition of leverage exposure as the denominator.

**‘Customer assets’** Represents loans and advances to customers. Average balances are calculated as the sum of all daily balances for the year to date divided by number of days in the year to date.

**‘Customer deposits’** In the context of Funding Risk, Liquidity Risk section, money deposited by all individuals and companies that are not credit institutions. Such funds are recorded as liabilities in the Group’s balance sheet under Customer Accounts.

**‘Customer liabilities’** Customer deposits.

**‘Customer net interest income’** The sum of customer asset and customer liability net interest income. Customer net interest income reflects interest related to customer assets and liabilities only and does not include any interest on securities or other non-customer assets and liabilities.

**‘CVA volatility charge’** The volatility charge added to exposures that adjusts for mid-market valuation on a portfolio of transactions with a counterparty. This is to reflect the current market value of the credit risk associated with the counterparty to the Bank. The charge is prescribed by the CRR.

**‘Daily Value at Risk (DVAR)’** A measure of the potential loss of value arising from unfavourable market movements at a specific confidence level, if current positions were to be held unchanged for one business day.

**‘DBRS’** A credit rating agency.

**‘Debit Valuation Adjustment (DVA)’** The opposite of Credit Valuation Adjustment (CVA). It is the difference between the risk-free value of a portfolio of trades and the market value which takes into account the Group’s risk of default.

The DVA, therefore, represents an estimate of the adjustment to fair value that a market participant would make to incorporate the credit risk of the Group due to any failure to perform on contractual obligations. The DVA decreases the value of a liability to take into account a reduction in the remaining balance that would be settled should the Group default or not perform any contractual obligations.

**'Debt buy-backs'** Purchases of the Group's issued debt securities, including equity accounted instruments, leading to their de-recognition from the balance sheet.

**'Debt securities in issue'** Transferable securities evidencing indebtedness of the Group. These are liabilities of the Group and include certificates of deposit and commercial paper.

**'Default grades'** Barclays classify ranges of default probabilities into a set of 21 intervals called default grades, in order to distinguish differences in the probability of default risk.

**'Default fund contributions'** The amount of contribution made by members of a central counterparty (CCP). All members are required to contribute to this fund in advance of using a CCP. The default fund can be used by the CCP to cover losses incurred by the CCP where losses are greater than the margins provided by that member.

**'Derivatives'** In the context of Non-Core Analysis of Total income, Derivatives comprise non strategic businesses from the non-core Investment Bank

**'Derivatives netting'** Adjustments applied across asset and liability mark-to-market derivative positions pursuant to legally enforceable bilateral netting agreements and eligible cash collateral received in derivative transactions that meet the requirements of BCBS 270.

**'Diversification effect'** Reflects the fact the risk of a diversified portfolio is smaller than the sum of the risks of its constituent parts. It is measured as the sum of the individual asset class DVaR (see above) estimates less the total DVaR.

**'Dodd-Frank Act (DFA)'** The US Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010.

**'Early warning lists (EWL)'** Categorisations for wholesale customers used to identify at an early stage those customers where it is believed that difficulties may develop, allowing timely corrective action to be taken. There are three categories of EWL, with risk increasing from EWL 1 (caution) to EWL 2 (medium) and EWL 3 (high). It is expected that most cases would be categorised EWL 1 before moving to 2 or 3, but it is recognised that some cases may be categorised to EWL 2 or 3 directly.

**'Early Warning List (EWL) Managed accounts'** EWL Managed accounts are Business Lending customers that exceed the Arrears Managed Accounts limits and are monitored with standard processes that record heightened levels of risk through an EWL grading.

**'Earnings per Share contribution'** The attributable profit or loss generated by a particular business or segment divided by the weighted average number of Barclays shares in issue to illustrate on a per share basis how that business or segment contributes total earnings per share.

**'Economic Value of Equity (EVE)'** A measure of the potential change in value of expected future cash flows due to an adverse interest rate movement, based on existing balance sheet run-off profile.

**'Encumbrance'** The use of assets to secure liabilities, such as by way of a lien or charge.

**'Enterprise Risk Management Framework (ERMF)'** Barclays risk management responsibilities are laid out in the Enterprise Risk Management Framework, which describes how Barclays identifies and manages risk. The framework identifies the principal risks faced by the Group; sets out risk appetite requirements; sets out roles and responsibilities for risk management; and sets out risk committee structure.

**'Equities'** Trading businesses encompassing Cash Equities, Equity Derivatives & Equity Financing

**'Equity and stock index derivatives'** Derivatives whose value is derived from equity securities. This category includes equity and stock index swaps and options (including warrants, which are equity options listed on an exchange). The Group also enters into fund-linked derivatives, being swaps and options whose underlyings include mutual funds, hedge funds, indices and multi-asset portfolios. An equity swap is an agreement between two parties to exchange periodic payments, based upon a notional principal amount, with one side paying fixed or floating interest and the

other side paying based on the actual return of the stock or stock index. An equity option provides the buyer with the right, but not the obligation, either to purchase or sell a specified stock, basket of stocks or stock index at a specified price or level on or before a specified date.

**'Equity risk'** In the context of trading book capital requirements, the risk of change in market value of an equity investment.

**'Equity structural hedge'** An interest rate hedge in place to reduce earnings volatility of the overnight / short term equity investment and to smoothen the income over a medium/long term.

**'Euro Interbank Offered Rate (EURIBOR)'** A benchmark interest rate at which banks can borrow funds from other banks in the European interbank market.

**'Europe'** Geographic segment comprising countries in which Barclays operates within the EU (excluding UK), Northern Continental and Eastern Europe.

**'European Securities and Markets Authority (ESMA)'** An independent European Supervisory Authority with the remit of enhancing the protection of investors and reinforcing stable and well-functioning financial markets in the European Union.

**'Expected losses'** The Group's measure of anticipated losses for exposures captured under an internal ratings based credit risk approach for capital adequacy calculations. It is measured as the Barclays modelled view of anticipated losses based on Probability of Default (PD), Loss Given Default (LGD) and Exposure at Default (EAD), with a one year time horizon.

**'Expert lender models'** Models of risk measures that are used for parts of the portfolio where the risk drivers are specific to a particular counterparty, but where there is insufficient data to support the construction of a statistical model. These models utilise the knowledge of credit experts that have in depth experience of the specific customer type being modelled.

**'Exposure'** Generally refers to positions or actions taken by the firm, or consequences thereof, that may put a certain amount of a bank's resources at risk.

**'Exposure at Default (EAD)'** The estimation of the extent to which Barclays may be exposed to a customer or counterparty in the event of, and at the time of, that counterparty's default. At default, the customer may not have drawn the loan fully or may already have repaid some of the principal, so that exposure may be less than the approved loan limit.

**'External Credit Assessment Institutions (ECAI)'** Institutions whose credit assessments may be used by credit institutions for the determination of risk weight exposures according to CRD IV.

**'F-IRB / Foundation-Internal Ratings Based'** See 'Internal Ratings Based (IRB)'.

**'Financial Conduct Authority (FCA)'** The statutory body responsible for conduct of business regulation and supervision of UK authorised firms. The FCA also has responsibility for the prudential regulation of firms that do not fall within the PRA's scope.

**'Financial Services Compensation Scheme (FSCS)'** The UK's fund for compensation of authorised financial services firms that are unable to pay claims.

**'Financial collateral comprehensive method (FCCM)'** A counterparty credit risk exposure calculation approach which applies volatility adjustments to the market value of exposure and collateral when calculating risk weighted asset values.

**'Fitch'** A credit rating agency.

**'Forbearance'** Forbearance programmes to assist customers in financial difficulty through agreements to accept less than contractual amounts due where financial distress would otherwise prevent satisfactory repayment within the original terms and conditions of the contract. These agreements may be initiated by the customer, Barclays or a third party and include approved debt counselling plans, minimum due reductions, interest rate concessions and switches from capital and interest repayments to interest-only payments.



**'Forbearance Programmes for Credit Cards'** Can be split into 2 main types: Repayment plans- A temporary reduction in the minimum payment due, for a maximum of 60 months. This may involve a reduction in interest rates to prevent negative amortization; Fully amortising- A permanent conversion of the outstanding balance into a fully amortising loan, over a maximum period of 60 months for cards and 120 months for loans.

**'Forbearance Programmes for Home Loans'** Can be split into 4 main types: Interest-only conversions- A temporary change from a capital and interest repayment to an interest-only repayment, for a maximum of 24 months; Interest rate reductions- A temporary reduction in interest rate, for a maximum of 12 months; Payment concessions- An agreement to temporarily accept reduced loan repayments, for a maximum of 24 months; Term extensions- A permanent extension to the loan maturity date which may involve a reduction in interest rates, and usually involves the capitalisation of arrears.

**'Forbearance Programmes for Unsecured Loans'** Can be split into 3 main types: Payment concessions- An agreement to temporarily accept reduced loan repayments, for a maximum of 12 months; Term extensions- A permanent extension to the loan maturity date, usually involving the capitalisation of arrears; Fully amortising- A permanent conversion of the outstanding balance into a fully amortising loan, over a maximum period of 60 months for cards and 120 months for loans.

**'Foreclosures in Progress'** The process by which the bank initiates legal action against a customer with the intention of terminating a loan agreement whereby the bank may repossess the property subject to local law and recover amounts it is owed.

**'Foreign exchange derivatives'** The Group's principal exchange rate-related contracts are forward foreign exchange contracts, currency swaps and currency options. Forward foreign exchange contracts are agreements to buy or sell a specified quantity of foreign currency, usually on a specified future date at an agreed rate. Currency swaps generally involves the exchange, or notional exchange, of equivalent amounts of two currencies and a commitment to exchange interest periodically until the principal amounts are re-exchanged on a future date. Currency options provide the buyer with the right, but not the obligation, either to purchase or sell a fixed amount of a currency at a specified exchange rate on or before a future date. As compensation for assuming the option risk, the option writer generally receives a premium at the start of the option period.

**'Foreign exchange risk'** In the context of DVaR, the impact of changes in foreign exchange rates and volatilities.

**'Front Arena'** A deal solution that helps to trade and manage positions and risk in the global capital markets.

**'Full time equivalent'** Full time equivalent units are the on-job hours paid for employee services divided by the number of ordinary-time hours normally paid for a full-time staff member when on the job (or contract employees where applicable).

**'Fully loaded'** When a measure is presented or described as being on a fully loaded basis, it is calculated without applying the transitional provisions set out in Part Ten of CRD IV.

**'Fully loaded CET1 ratio'** A risk based ratio calculated as Common Equity Tier 1 capital divided by Risk Weighted Assets (before the application of transitional provisions set out in CRD IV and interpretive guidance published by the PRA).

**'Funding for Lending Scheme (FLS)'** Scheme launched by the Bank of England to incentivise banks and building societies to lend to UK households and non-financial companies through reduced funding costs, the benefits of which are passed on to UK borrowers in the form of cheaper and more easily available loans.

**'Funding mismatch'** In the context of Eurozone balance sheet funding exposures, the excess of local euro denominated external assets, such as customer loans, over local euro denominated liabilities, such as customer deposits.

**'Funding risk'** The risk that the Group may not be able to achieve its business plans due to being unable to maintain appropriate capital ratios (Capital Risk), being unable to meet its obligations as they fall due (Liquidity Risk), rating agency methodology changes or of adverse changes in interest rate curves impacting structural hedges of non – interest bearing assets/ liabilities or on income or foreign exchange rates on capital ratios (Structural risk).

**'Funds and fund-linked products'** Includes holdings in mutual funds, hedge funds, fund of funds and fund linked derivatives.

**'Gains on acquisitions'** The amount by which the acquirer's interest in the net fair value of the identifiable assets, liabilities and contingent liabilities, recognised in a business combination, exceeds the cost of the combination.

**'General market risk'** The risk of a price change in a financial instrument due to a change in level of interest rates or owing to a broad equity market movement unrelated to any specific attributes of individual securities.

**'Global-Systemically Important Banks (G-SIBs or G-SIIs)'** Global financial institutions whose size, complexity and systemic interconnectedness, mean that their distress or failure would cause significant disruption to the wider financial system and economic activity. The Financial Stability Board (FSB) and the Basel Committee on Banking Supervision (BCBS) publish a list of globally systemically important banks.

**'G-SII additional leverage ratio buffer (G-SII ALRB)'** A macroprudential buffer that applies to globally systemically important banks (G-SIBs) and other major domestic UK banks and building societies, including banks that are subject to ring-fencing requirements. The G-SII ALRB will be calibrated as 35% (on a phased basis) of the combined systemic risk buffers that applies to the bank.

**'GSII Buffer'** Common Equity Tier 1 capital required to be held under CRD IV to ensure that G-SIBs build up surplus capital to compensate for the systemic risk that such institutions represent to the financial system.

**'Grandfathering'** In the context of CRD IV capital resources, the application of the rules on instrument eligibility during the transitional period as defined in the Capital Requirements Regulation.

**'Gross charge-off rates'** Represents the balances charged-off to recoveries in the reporting period, expressed as a percentage of average outstanding balances excluding balances in recoveries. Charge-off to recoveries generally occurs when the collections focus switches from the collection of arrears to the recovery of the entire outstanding balance, and represents a fundamental change in the relationship between the bank and the customer. This is a measure of the proportion of customers that have gone into default during the period.

**'Gross new lending'** New lending advanced to customers during the period.

**'Group'** Barclays PLC together with its subsidiaries.

**'Group Service Company' or 'BSerL'** Barclays Services Limited, the Group services company set up to provide services to Barclays UK and Barclays International to deliver operational continuity.

**'Guarantee'** Unless otherwise described, an undertaking by a third party to pay a creditor should a debtor fail to do so. It is a form of credit substitution.

**'Head Office and Other Operations'** A business segment comprising Brand and Marketing, Finance, Head Office, Human Resources, Internal Audit, Legal and Compliance, Risk, Treasury and Tax and other operations.

**'High Net Worth'** Businesses within Barclays UK and Barclays International that provide banking and other services to high net worth customers.

**'High Risk'** In retail banking, 'High Risk' is defined as the subset of up-to-date customers who, either through an event or observed behaviour exhibit potential financial difficulty. Where appropriate, these customers are proactively contacted to assess whether assistance is required.

**'Home loan'** A loan to purchase a residential property. The property is then used as collateral to guarantee repayment of the loan. The borrower gives the lender a lien against the property and the lender can foreclose on the property if the borrower does not repay the loan per the agreed terms. Also known as a residential mortgage.

**'IHC' or 'US IHC'** Barclays US LLC, the intermediate holding company established by Barclays in July 2016, which holds most of Barclays' subsidiaries and assets in the United States.

**'IMA / Internal Model Approach'** In the context of Risk Weighted Assets, Risk Weighted Assets for which the exposure amount has been derived via the use of a PRA approved internal market risk model.

**'IMM / Internal Model Method'** In the context of Risk Weighted Assets, Risk Weighted Assets for which the exposure amount has been derived via the use of a PRA approved internal counterparty credit risk model.

**'Impairment allowances'** A provision held on the balance sheet as a result of the raising of a charge against profit for incurred losses in the lending book. An impairment allowance may either be identified or unidentified and individual or collective.

**'Impairment coverage ratio'** Impairment allowance held against balances in specific LTV band expressed as a percentage of balances in the specific LTV Band.

**'Income'** Total income, unless otherwise specified.

**'Incremental Risk Charge'** An estimate of the incremental risk arising from rating migrations and defaults beyond what is already captured in specific market risk VaR for the non correlation trading portfolio.

**'Independent Commission on Banking (ICB)'** Body set up by HM Government to identify structural and non-structural measures to reform the UK banking system and promote competition.

**'Individual liquidity guidance (ILG)'** Guidance given to a firm about the amount, quality and funding profile of liquidity resources that the PRA has asked the firm to maintain.

**'Inflation risk'** In the context of DVaR, the impact of changes in inflation rates and volatilities on cash instruments and derivatives.

**'Insurance Risk'** The risk of the Group's aggregate insurance premiums received from policyholders under a portfolio of insurance contracts being inadequate to cover the claims arising from those policies.

**'Interchange'** Income paid to a credit card issuer for the clearing and settlement of a sale or cash advance transaction.

**'Interest only home loans'** Under the terms of these loans, the customer makes payments of interest only for the entire term of the mortgage, although customers may make early repayments of the principal within the terms of their agreement. The customer is responsible for repaying the entire outstanding principal on maturity, which may require the sale of the mortgaged property.

**'Interest rate derivatives'** Derivatives linked to interest rates. This category includes interest rate swaps, collars, floors options and swaptions. An interest rate swap is an agreement between two parties to exchange fixed rate and floating rate interest by means of periodic payments based upon a notional principal amount and the interest rates defined in the contract. Certain agreements combine interest rate and foreign currency swap transactions, which may or may not include the exchange of principal amounts. A basis swap is a form of interest rate swap, in which both parties exchange interest payments based on floating rates, where the floating rates are based upon different underlying reference indices. In a forward rate agreement, two parties agree a future settlement of the difference between an agreed rate and a future interest rate, applied to a notional principal amount. The settlement, which generally occurs at the start of the contract period, is the discounted present value of the payment that would otherwise be made at the end of that period.

**'Interest rate risk'** The risk of interest rate volatility adversely impacting the Groups net interest margin. In the context of the calculation of market risk DVaR, measures the impact of changes in interest (swap) rates and volatilities on cash instruments and derivatives.

**'Internal Assessment Approach (IAA)'** One of three types of calculation that a firm with permission to use the Internal Ratings Based (IRB) approach may apply to securitisation exposures. It consists of mapping a firm's internal rating methodology for credit exposures to those of an External Credit Assessment Institution (ECAI) to determine the appropriate risk weight based on the ratings based approach. Its applicability is limited to ABCP programmes related to liquidity facilities and credit enhancement.

**'Internal Capital Adequacy Assessment Process (ICAAP)'** Companies are required to perform a formal Internal Capital Adequacy Assessment Process (ICAAP) as part of the Pillar 2 requirements (BIPRU) and to provide this document to the PRA on a yearly basis. The ICAAP document summarises the group's risk management framework, including approach to managing all risks (i.e. Pillar 1 and non-Pillar 1 risks); and, the group's risk appetite, economic capital and stress testing frameworks.

**'Internal model method (IMM)'** In the context of Risk Weighted Assets, Risk Weighted Assets for which the exposure amount has been derived via the use of a PRA approved internal counterparty credit risk model.

**'Internal Ratings Based (IRB)'** An approach under the CRR framework that relies on the bank's internal models to derive the risk weights. The IRB approach is divided into two alternative applications, Advanced and Foundation:

- Advanced IRB ('A-IRB'): the bank uses its own estimates of probability of default (PD), loss given default (LGD) and credit conversion factor to model a given risk exposure.
- Foundation IRB: the bank applies its own PD as for Advanced, but it uses standard parameters for the LGD and the credit conversion factor. The Foundation IRB approach is specifically designed for wholesale credit exposures. Hence retail, equity, securitisation positions and non-credit obligations asset exposures are treated under standardised or A-IRB.

**'Investment Bank'** The Group's investment bank which consists of origination led and returns focused markets and banking business which forms part of the Corporate and Investment Banking segment of Barclays International.

**'Investment Banking Fees'** In the context of Investment Bank Analysis of Total Income, fees generated from origination activity businesses – including financial advisory, debt and equity underwriting.

**'Investment grade'** A debt security, treasury bill or similar instrument with a credit rating of AAA to BBB as measured by external credit rating agencies.

**'ISDA Master Agreement'** The most commonly used master contract for OTC derivative transactions internationally. It is part of a framework of documents, designed to enable OTC derivatives to be documented fully and flexibly. The framework consists of a master agreement, a schedule, confirmations, definition booklets, and a credit support annex. The ISDA master agreement is published by the International Swaps and Derivatives Association (ISDA).

**'Key Risk Scenarios (KRS)'** Key Risk Scenarios are a summary of the extreme potential risk exposure for each Key Risk in each business and function, including an assessment of the potential frequency of risk events, the average size of losses and three extreme scenarios. The Key Risk Scenario assessments are a key input to the Advanced Measurement Approach calculation of regulatory and economic capital requirements.

**'Lag risk'** Arises from the delay in re-pricing customer rates for certain variable/managed rate products, following an underlying change to market interest rates. This is typically driven by either regulatory constraint around customer notification on pricing changes, processing time for the Group's and/or Entity's notification systems or contractual agreements within a product's terms and conditions.

**'Large exposure'** A large exposure is defined as the total exposure of a firm to a counterparty or group of connected clients, whether in the banking book or trading book or both, which in aggregate equals or exceeds 10% of the firm's eligible capital.

**'Lender Option Borrower Option (LOBO)'** A clause previously included in ESHLA loans that allowed Barclays, on specific dates, to raise the fixed interest rate on the loan, upon which the borrower had the option to either continue with the loan at the higher rate, or re-pay the loan at par.

**'Lending'** In the context of Investment Bank Analysis of Total Income, lending income includes net interest income, gains or losses on loan sale activity, and risk management activity relating to the loan portfolio.

**'Letters of credit'** A letter typically used for the purposes of international trade guaranteeing that a debtor's payment to a creditor will be made on time and in full. In the event that the debtor is unable to make payment, the bank will be required to cover the full or remaining amount of the purchase.

**'Level 1 assets'** High quality liquid assets under the Basel Committee's Liquidity Coverage Ratio (LCR), including cash, central bank reserves and higher quality government securities.

**'Level 2 assets'** Under the Basel Committee's Liquidity Coverage Ratio high quality liquid assets (HQLA) are comprised of Level 1 and Level 2 assets, with the latter comprised of Level 2A and Level 2B assets. Level 2A assets include, for example, lower quality government securities, covered bonds and corporate debt securities. Level 2B assets include, for example, lower rated corporate bonds, residential mortgage backed securities and equities that meet certain conditions.

**'Liquidity Coverage Ratio (LCR)'** The ratio of the stock of high quality liquid assets to expected net cash outflows over the next 30 days. High-quality liquid assets should be unencumbered, liquid in markets during a time of stress and, ideally, be central bank eligible. These include, for example, cash and claims on central governments and central banks.

**‘Liquidity Pool’** The Group liquidity pool comprises cash at central banks and highly liquid collateral specifically held by the Group as a contingency to enable the bank to meet cash outflows in the event of stressed market conditions.

**‘Liquidity risk appetite (LRA)’** The level of liquidity risk that the Group chooses to take in pursuit of its business objectives and in meeting its regulatory obligations.

**‘Liquidity Risk Management Framework (the Liquidity Framework)’** The Liquidity Risk Management Framework (the Liquidity Framework), which is sanctioned by the Board Risk Committee (BRC) and which incorporates liquidity policies, systems and controls that the Group has implemented to manage liquidity risk within tolerances approved by the Board and regulatory agencies.

**‘Litigation and conduct charges’** Litigation and conduct charges include regulatory fines, litigation settlements and conduct related customer redress.

**‘Loan loss rate’** Is quoted in basis points and represents total loan impairment divided by gross loans and advances to customers and banks held at amortised cost at the balance sheet date.

**‘Loan to deposit ratio’** Loans and advances divided by customer accounts calculated for Barclays UK and Barclays International excluding investment banking balances other than interest earning lending. This excludes particular liabilities issued by the retail businesses that have characteristics comparable to retail deposits (for example structured Certificates of Deposit and retail bonds), which are included within debt securities in issue

**‘Loan to value (LTV) ratio’** Expresses the amount borrowed against an asset (i.e. a mortgage) as a percentage of the appraised value of the asset. The ratios are used in determining the appropriate level of risk for the loan and are generally reported as an average for new mortgages or an entire portfolio. Also see ‘Marked to market (MTM) LTV ratio.’

**‘London Interbank Offered Rate (LIBOR)’** A benchmark interest rate at which banks can borrow funds from other banks in the London interbank market.

**‘Long-term refinancing operation (LTRO)’** The European Central Bank’s 3 year long term bank refinancing operation.

**‘Loss Given Default (LGD)’** The fraction of Exposure at Default (EAD) (defined above) that will not be recovered following default. LGD comprises the actual loss (the part that is not expected to be recovered), together with the economic costs associated with the recovery process.

**‘Macro Products’** Represents Rates, currency and commodities income.

**‘Management VaR’** A measure of the potential loss of value arising from unfavourable market movements at a specific confidence level, if current positions were to be held unchanged for predefined period. Corporate and Investment Bank uses Management VaR with a two-year equally weighted historical period, at a 95% confidence level, with a one day holding period.

**‘Mandatory break clause’** In the context of counterparty credit risk, a contract clause that means a trade will be ended on a particular date.

**‘Marked to market approach’** A counterparty credit risk exposure calculation approach which uses the current mark to market value of derivative positions as well as a potential future exposure add-on to calculate an exposure to which a risk weight can be applied.

**‘Marked to market (MTM) LTV ratio’** The loan amount as a percentage of the current value of the asset used to secure the loan. Also see ‘Balance weighted Loan to Value (LTV) ratio’ and ‘Valuation weighted Loan to Value (LTV) ratio.’

**‘Market risk’** The risk of the Group suffering financial loss due to changes in market prices. In the context of Risk Weighted Assets, it is the component of Risk Weighted Assets that represents the risk of loss resulting from fluctuations in the market value of positions held in equities, commodities, currencies, derivatives and interest rates.

**‘Master netting agreements’** An agreement that provides for a single net settlement of all financial instruments and collateral covered by the agreement in the event of the counterparty’s default or bankruptcy or insolvency, resulting in a reduced exposure.

**'Master trust securitisation programmes'** A securitisation structure where a trust is set up for the purpose of acquiring a pool of receivables. The trust issues multiple series of securities backed by these receivables.

**'Matchbook (or matched book)'** An asset/liability management strategy where assets are matched against liabilities of equivalent value and maturity.

**'Material Risk Takers (MRTs)'** Categories of staff whose professional activities have or are deemed to have a material impact on Barclays' risk profile, as determined in accordance with the European Banking Authority regulatory technical standard on the identification of such staff.

**'Methodology and policy'** In the context of the Funding Risk, Capital Risk section, the effect on RWAs of methodology changes driven by regulatory policy changes.

**'Minimum capital requirement'** Under Pillar 1 of the Basel framework, the amount of capital required for an exposure.

**'Model updates'** In the context of the Funding Risk, Capital Risk section, changes in RWAs caused by model implementation, changes in model scope or any changes required to address model malfunctions.

**'Model validation'** Process through which models are independently challenged, tested and verified to prove that they have been built, implemented and used correctly, and that they continue to be fit-for-purpose.

**'Modelled—VaR'** In the context of Risk Weighted Assets, Market risk calculated using value at risk models laid down by the CRR and supervised by the PRA.

**'Money market funds'** Investment funds typically invested in short-term debt securities.

**'Monoline derivatives'** Derivatives with a monoline insurer such as credit default swaps referencing the underlying exposures held.

**'Moody's'** A credit rating agency.

**'Mortgage Current Accounts (MCA) Reserves'** A secured overdraft facility available to home loan customers which allows them to borrow against the equity in their home. It allows draw-down up to an agreed available limit on a separate but connected account to the main mortgage loan facility. The balance drawn must be repaid on redemption of the mortgage.

**'Multilateral development banks'** Financial institutions created for the purposes of development, where membership transcends national boundaries.

**'National discretion'** Discretions in CRD IV given to member states to allow the local regulator additional powers in the application of certain CRD IV rules in its jurisdiction.

**'Net asset value per share'** Calculated by dividing shareholders' equity, excluding non-controlling interests and other equity instruments, by the number of issued ordinary shares.

**'Net interest income'** The difference between interest income on assets and interest expense on liabilities.

**'Net interest margin'** Net interest income divided by the sum of average customer assets.

**'Net investment income'** Changes in the fair value of financial instruments designated at fair value, dividend income and the net result on disposal of available for sale assets.

**'Net Stable Funding Ratio (NSFR)'** The ratio of available stable funding to required stable funding over a one year time horizon, assuming a stressed scenario. The ratio is required to be over 100%. Available stable funding would include such items as equity capital, preferred stock with a maturity of over 1 year, or liabilities with a maturity of over 1 year. The required amount of stable funding is calculated as the sum of the value of the assets held and funded by the institution, multiplied by a specific required stable funding (RSF) factor assigned to each particular asset type, added to the amount of potential liquidity exposure multiplied by its associated RSF factor.

**'Net tangible asset value per share'** Calculated by dividing shareholders equity, excluding non-controlling interests and other equity instruments, less goodwill and intangible assets, by the number of issued ordinary shares.

**'Net trading income'** Gains and losses arising from trading positions which are held at fair value, in respect of both market-making and customer business, together with interest, dividends and funding costs relating to trading activities.

**'Net written credit protection'** In the context of leverage exposure, the net notional value of credit derivatives protection sold and credit derivatives protection bought.

**'New bookings'** The total of the original balance on accounts opened in the reporting period, including any applicable fees and charges included in the loan amount.

**'Non-asset backed debt instruments'** Debt instruments not backed by collateral, including government bonds; US agency bonds; corporate bonds; commercial paper; certificates of deposit; convertible bonds; corporate bonds and issued notes.

**'Non-customer net interest income (NII)' / 'Non-customer interest income'** Principally comprises the impact of product and equity structural hedges, as well as certain other net interest income received on government bonds and other debt securities held for the purposes of interest rate hedging and liquidity for local banking activities.

**'Non-model method (NMM)'** In the context of Risk Weighted Assets, Counterparty credit risk, Risk Weighted Assets where the exposure amount has been derived through the use of CRR norms, as opposed to an internal model.

**'Non-performance costs'** Costs other than performance costs.

**'Non-performing proportion of outstanding balances'** Defined as balances greater than 90 days delinquent (including forbearance accounts greater than 90 days and accounts charged off to recoveries), expressed as a percentage of outstanding balances.

**'Non-performing balances impairment coverage ratio'** Impairment allowance held against non performing balances expressed as a percentage of non performing balances.

**'Non-Traded Market Risk'** The risk that the current or future exposure in the banking book (i.e. non-traded book) will impact bank's capital and/or earnings due to adverse movements in Interest or Foreign Exchange Rates.

**'Non-Traded VaR'** Reflects the volatility in the value of the available for sale investments in the liquidity pool which flow directly through capital via the available for sale reserve. The underlying methodology to calculate non traded VaR is similar to Traded Management VaR, but the two measures are not directly comparable. The Non Traded VaR represents the volatility to capital driven by the available for sale exposures. These exposures are in the banking book and do not meet the criteria for trading book treatment.

**'Notable items'** Notable items are considered to be significant items impacting comparability of performance and are shown for each of the business segments.

**'Notch'** A single unit of measurement in a credit rating scale.

**'Notional amount'** The nominal or face amount of a financial instrument, such as a loan or a derivative, that is used to calculate payments made on that instrument.

**'Operational risk'** The risk of loss resulting from inadequate or failed internal processes, people and systems or from external events, including legal risk. In the context of Risk Weighted Assets, it is the component of Risk Weighted Assets that represents the risk of loss resulting from these risks.

**'Operational Riskdata eXchange (ORX)'** The Operational Riskdata eXchange Association (ORX) is a not-for-profit industry association dedicated to advancing the measurement and management of operational risk in the global financial services industry. Barclays is a member of ORX.

**'Origination led'** Focus on high margin, low capital fee based activities and related hedging opportunities.

**'Origination exposure model'** A technique used to measure the counterparty credit risk of losing anticipated cash flows from forwards, swaps, options and other derivatives contracts in the event the counterparty to the contract should default.

**'OSII'** Other systemically important institutions are institutions that are deemed to create risk to financial stability due to their systemic importance.

**'Over-the-counter (OTC) derivatives'** Derivative contracts that are traded (and privately negotiated) directly between two parties. They offer flexibility because, unlike standardised exchange-traded products, they can be tailored to fit specific needs.

**'Own credit'** The effect of changes in the Group's own credit standing on the fair value of financial liabilities.

**'Owner occupied mortgage'** A mortgage where the intention of the customer was to occupy the property at origination.

**'Past due items'** Refers to loans where the borrower has failed to make a payment when due under the terms of the loan contract.

**'Payment Protection Insurance (PPI) redress'** Provision for the settlement of PPI miss-selling claims and related claims management costs.

**'Pension Risk'** The risk of the Group's earnings and capital being adversely impacted by the Group's defined benefit obligations increasing or the value of the assets backing these defined benefit obligations decreasing due to changes in both the level and volatility of prices.

**'Performance costs'** The accounting charge recognised in the period for performance awards. For deferred incentives and long-term incentives, the accounting charge is spread over the relevant periods in which the employee delivers service.

**'Period end allocated tangible equity'** Allocated tangible equity is calculated as 12.0% (2016: 11.5%) of CRD IV fully loaded risk weighted assets for each business, adjusted for CRD IV fully loaded capital deductions, excluding goodwill and intangible assets, reflecting assumptions the Group uses for capital planning purposes. Head Office tangible equity represents the difference between the Group's tangible equity and the amounts allocated to businesses.

**'Pillar 1'** The part of the Basel framework that sets out the rules that govern the calculation of Minimum capital requirements for credit, market and operational risks.

**'Pillar 2'** The part of the Basel framework that covers the supervisory reviews of the bank's internal assessment of capital to ensure that firms have adequate capital to support all the relevant risks in their business.

**'Pillar 3'** The part of the Basel framework that covers external communication of risk and capital information by banks to promote transparency and good risk management.

**'Post-model adjustment (PMA)'** In the context of Basel models, a PMA is a short term increase in regulatory capital applied at portfolio level to account for model input data deficiencies, inadequate model performance or changes to regulatory definitions (e.g. definition of default) to ensure the model output is accurate, complete and appropriate.

**'Potential Credit Risk Loans (PCRLs)'** Comprise the outstanding balances to Potential Problem Loans (defined below) and the three categories of Credit Risk Loans (defined above).

**'Potential Future Exposure on Derivatives'** A regulatory calculation in respect of the Group's potential future credit exposure on both exchange traded and OTC derivative contracts, calculated by assigning a standardised percentage (based on the underlying risk category and residual trade maturity) to the gross notional value of each contract.

**'Potential Problem Loans (PPLs)'** Loans where serious doubt exists as to the ability of the borrowers to continue to comply with repayment terms in the near future.

**'PRA waivers'** PRA approvals that specifically give permission to the Bank to either modify or waive existing rules. Waivers are specific to an organisation and require applications being submitted to and approved by the PRA.

**'Primary securitisations'** The issuance of securities (bonds and commercial papers) for fund-raising.

**'Primary Stress Tests'** In the context of Traded Market Risk, Stress Testing provides an estimate of potentially significant future losses that might arise from extreme market moves or scenarios. Primary Stress Tests apply stress moves to key liquid risk factors for each of the major trading asset classes.



**'Prime Services'** Involves financing of fixed income and equity positions using Repo and stock lending facilities. The Prime Services business also provides brokerage facilitation services for hedge fund clients offering execution and clearance facilities for a variety of asset classes.

**'Principal'** In the context of a loan, the amount borrowed, or the part of the amount borrowed which remains unpaid (excluding interest).

**'Principal Investments'** Private equity investments.

**'Principal Risks'** the principal risks affecting the Group described in the risk review section of the Barclays PLC Annual Report.

**'Private equity investments'** Investments in equity securities in operating companies not quoted on a public exchange. Investment in private equity often involves the investment of capital in private companies or the acquisition of a public company that results in the delisting of public equity. Capital for private equity investment is raised by retail or institutional investors and used to fund investment strategies such as leveraged buyouts, venture capital, growth capital, distressed investments and mezzanine capital.

**'Private-label securitisation'** Residential mortgage backed security transactions sold or guaranteed by entities that are not sponsored or owned by the government.

**'Probability of Default (PD)'** The likelihood that a loan will not be repaid and will fall into default. PD may be calculated for each client who has a loan (normally applicable to wholesale customers/clients) or for a portfolio of clients with similar attributes (normally applicable to retail customers). To calculate PD, Barclays assesses the credit quality of borrowers and other counterparties and assigns them an internal risk rating. Multiple rating methodologies may be used to inform the rating decision on individual large credits, such as internal and external models, rating agency ratings, and for wholesale assets market information such as credit spreads. For smaller credits, a single source may suffice such as the result from an internal rating model.

**'Product structural hedge'** An interest rate hedge in place to reduce earnings volatility on product balances with an instant access (such as non-interest bearing current accounts and managed rate deposits) and to smoothen the income over a medium/long term.

**'Properties in Possession held as 'Loans and Advances to Customers''** Properties in the UK and Italy where the customer continues to retain legal title but where the bank has enforced the possession order as part of the foreclosure process to allow for the disposal of the asset or the court has ordered the auction of the property.

**'Properties in Possession held as 'Other Real Estate Owned''** Properties in South Africa, where the bank has taken legal ownership of the title as a result of purchase at an auction or similar and treated as 'Other Real Estate Owned' within other assets on the bank's balance sheet.

**'Proprietary trading'** When a bank, brokerage or other financial institution trades on its own account, at its own risk, rather than on behalf of customers, so as to make a profit for itself.

**'Prudential Regulation Authority (PRA)'** The statutory body responsible for the prudential supervision of banks, building societies, insurers and a small number of significant investment firms in the UK. The PRA is a subsidiary of the Bank of England.

**'Prudential valuation adjustment (PVA)'** A calculation which adjusts the accounting values of positions held on balance sheet at fair value to comply with regulatory valuation standards, which place greater emphasis on the inherent uncertainty around the value at which a trading book position could be exited.

**'Public benchmark'** Unsecured medium term notes issued in public syndicated transactions.

**'Qualifying Revolving Retail Exposure (QRRE)'** In the context of the IRB approach to credit risk RWA calculations, an exposure meeting the criteria set out in BIPRU 4.6.42 R (2). It includes most types of credit card exposure.

**'Rates'** In the context of Investment Bank income analysis, trading revenue relating to government bonds and linear interest rate derivatives.

**'Re-aging'** The returning of a delinquent account to up-to-date status without collecting the full arrears (principal, interest and fees).

**'Real Estate Mortgage Investment Conduits (REMICs)'** An entity that holds a fixed pool of mortgages and that is separated into multiple classes of interests for issuance to investors.

**'Recoveries Impairment Coverage Ratio'** Impairment allowance held against recoveries balances expressed as a percentage of balance in recoveries.

**'Recoveries proportion of outstanding balances'** Represents the amount of recoveries (gross month-end customer balances of all accounts that have charged-off) as at the period end compared to total outstanding balances. The size of the recoveries book would ultimately have an impact on the overall impairment requirement on the portfolio. Balances in recoveries will decrease if: assets are written-off; amounts are collected; or assets are sold to a third party (i.e. debt sale).

**'Redenomination risk'** The risk of financial loss to the Group should one or more countries exit from the Euro, potentially leading to the devaluation of local balance sheet assets and liabilities.

**'Regulatory capital'** The amount of capital that a bank holds to satisfy regulatory requirements.

**'Renegotiated loans'** Loans are generally renegotiated either as part of an ongoing customer relationship or in response to an adverse change in the circumstances of the borrower. In the latter case renegotiation can result in an extension of the due date of payment or repayment plans under which the Group offers a concessionary rate of interest to genuinely distressed borrowers. This will result in the asset continuing to be overdue and will be individually impaired where the renegotiated payments of interest and principal will not recover the original carrying amount of the asset. In other cases, renegotiation will lead to a new agreement, which is treated as a new loan.

**'Repricing lag risk'** The risk that when underlying interest rates change it can take a number of months to change the customer rate e.g. should rates decrease then we would need to let our variable savings rate customers know that we would be decreasing their savings rates. This could result in a loss of income as it may take several months, whereas the "funding/investment" benefit reduces immediately.

**'Repurchase agreement (Repo)' / 'Reverse repurchase agreement (Reverse repo)'** Arrangements that allow counterparties to use financial securities as collateral for an interest bearing cash loan. The borrower agrees to sell a security to the lender subject to a commitment to repurchase the asset at a specified price on a given date. For the party selling the security (and agreeing to repurchase it in the future) it is a Repurchase agreement or Repo; for the counterparty to the transaction (buying the security and agreeing to sell in the future) it is a Reverse repurchase agreement or Reverse repo.

**'Re-securitisations'** The repackaging of Securitised Products into securities. The resulting securities are therefore securitisation positions where the underlying assets are also predominantly securitisation positions.

**'Reserve Capital Instruments (RCIs)'** Hybrid issued capital securities which may be debt or equity accounted, depending on the terms.

**'Residential Mortgage-Backed Securities (RMBS)'** Securities that represent interests in a group of residential mortgages. Investors in these securities have the right to cash received from future mortgage payments (interest and/or principal).

**'Residual maturity'** The remaining contractual term of a credit obligation associated with a credit exposure.

**'Restructured loans'** Comprises loans where, for economic or legal reasons related to the debtor's financial difficulties, a concession has been granted to the debtor that would not otherwise be considered. Where the concession results in the expected cash flows discounted at the original effective interest rate being less than the loan's carrying value, an impairment allowance will be raised.

**'Retail Loans'** Loans to individuals or small and medium sized enterprises rather than to financial institutions and larger businesses. It includes both secured and unsecured loans such as mortgages and credit card balances, as well as loans to certain smaller business customers, typically with exposures up to £3m or with a turnover up to £5m.

**'Return on average Risk Weighted Assets'** Statutory profit as a proportion of average Risk Weighted Assets.

**'Return on average shareholders' equity'** Statutory profit after tax attributable to ordinary shareholders, including an adjustment for the tax credit in reserves in respect of other equity instruments, as a proportion of average shareholders' equity, excluding non-controlling interests and other equity instruments.

**'Return on average tangible shareholders' equity'** Statutory profit after tax attributable to ordinary equity holders of the parent, including an adjustment for the tax credit in reserves in respect of other equity instruments, as a proportion of average shareholders' equity excluding non-controlling interests and other equity instruments, adjusted for the deduction of intangible assets and goodwill.

**'Return on average allocated tangible shareholders' equity'** Statutory profit after tax attributable to ordinary shareholders, including an adjustment for the tax credit in reserves in respect of other equity instruments, as a proportion of average allocated tangible shareholders' equity.

**'Risk Appetite'** The level of risk that Barclays is prepared to accept whilst pursuing its business strategy, recognising a range of possible outcomes as business plans are implemented.

**'Risk weighted assets (RWAs)'** A measure of a bank's assets adjusted for their associated risks. Risk weightings are established in accordance with the Basel rules as implemented by CRD IV and local regulators.

**'Risks not in VaR (RNIVS)'** Refers to all the key risks which are not captured or not well captured within the VaR model framework.

**'Roll rate analysis'** The measurement of the rate at which retail accounts deteriorate through delinquency phases.

**'Sales commissions, commitments and other incentives'** Includes commission-based arrangements, guaranteed incentives and Long Term Incentive Plan awards.

**'Sarbanes-Oxley requirements'** The Sarbanes-Oxley Act 2002 (SOX), which was introduced by the U.S. Government to safeguard against corporate governance scandals such as Enron, WorldCom and Tyco. All US-listed companies must comply with SOX.

**'Second Lien'** Debt that is issued against the same collateral as higher lien debt but that is subordinate to it. In the case of default, compensation for this debt will only be received after the first lien has been repaid and thus represents a riskier investment than the first lien.

**'Secondary Stress Tests'** Secondary stress tests are used in measuring potential losses arising from illiquid market risks that cannot be hedged or reduced within the time period covered in Primary Stress Tests.

**'Securities and loans'** In the context of Non-Core Analysis of Total income, Barclays Non-Core Securities and Loans comprise non strategic businesses, predominantly from the non-core Investment Bank and Corporate Bank.

**'Securities Financing Transactions (SFT)'** In the context of Risk Weighted Assets (RWAs), any of the following transactions: a repurchase transaction, a securities or commodities lending or borrowing transaction, or a margin lending transaction whereby cash collateral is received or paid in respect of the transfer of a related asset.

**'Securities financing transactions adjustments'** In the context of leverage ratio, a regulatory add-on calculated as exposure less collateral, taking into account master netting agreements.

**'Securities lending arrangements'** Arrangements whereby securities are legally transferred to a third party subject to an agreement to return them at a future date. The counterparty generally provides collateral against non performance in the form of cash or other assets.

**'Securitisation'** Typically, a process by which debt instruments such as mortgage loans or credit card balances are aggregated into a pool, which is used to back new securities. A company sells assets to a special purpose vehicle (SPV) which then issues securities backed by the assets. This allows the credit quality of the assets to be separated from the credit rating of the original borrower and transfers risk to external investors.

**'Securitised Products'** A business within the Investment Bank that offers a range of products relating to residential mortgage backed securities, commercial mortgage backed securities and other asset backed securities, in addition to restructuring and unwinding legacy credit structures.

**'Set-off clauses'** In the context of Counterparty credit risk, contract clauses that allow Barclays to set off amounts owed to us by a counterparty against amounts owed by us to the counterparty.

**'Settlement balances'** Are receivables or payables recorded between the date (the trade date) a financial instrument (such as a bond) is sold, purchased or otherwise closed out, and the date the asset is delivered by or to the entity (the settlement date) and cash is received or paid.

**'Settlement risk'** The risk that settlement in a transfer system will not take place as expected, usually owing to a party defaulting on one or more settlement obligations.

**'Slotting'** Slotting is a Basel 2 approach that requires a standard set of rules to be used in the calculation of RWAs, based upon an assessment of factors such as the financial strength of the counterparty. The requirements for the application of the Slotting approach are detailed in BIPRU 4.5.

**'Sovereign exposure(s)'** Exposures to central governments, including holdings in government bonds and local government bonds.

**'Specific market risk'** A risk that is due to the individual nature of an asset and can potentially be diversified or the risk of a price change in an investment due to factors related to the issuer or, in the case of a derivative, the issuer of the underlying investment.

**'Spread risk'** Measures the impact of changes to the swap spread, i.e. the difference between swap rates and government bond yields.

**'Standard & Poor's'** A credit rating agency.

**'Standby facilities, credit lines and other commitments'** Agreements to lend to a customer in the future, subject to certain conditions. Such commitments are either made for a fixed period, or have no specific maturity but are cancellable by the lender subject to notice requirements.

**'Statutory'** Line items of income, expense, profit or loss, assets, liabilities or equity stated in accordance with the requirements of the UK Companies Act 2006 and the requirements of International Financial Reporting Standards (IFRS).

**'Statutory return on average shareholders' equity'** Statutory profit after tax attributable to ordinary shareholders as a proportion of average shareholders' equity.

**'STD' / 'Standardised Approach'** A method of calculating Risk Weighted Assets that relies on a mandatory framework set by the regulator to derive risk weights based on counterparty type and a credit rating provided by an External Credit Assessment Institute.

**'Stress Testing'** A process which involves identifying possible future adverse events or changes in economic conditions that could have unfavourable effects on the Group (either financial or non-financial), assessing the Group's ability to withstand such changes, and identifying management actions to mitigate the impact.

**'Stressed Value at Risk (SVaR)'** An estimate of the potential loss arising from a 12 month period of significant financial stress over a one day horizon.

**'Structured entity'** An entity in which voting or similar rights are not the dominant factor in deciding control. Structured entities are generally created to achieve a narrow and well defined objective with restrictions around their ongoing activities.

**'Structural hedge' / 'hedging'** An interest rate hedge in place to reduce earnings volatility and to smoothen the income over a medium/long term on positions that exist within the balance sheet and do not re-price in line with market rates. See also 'Equity structural hedge' and 'Product structural hedge'.

**'Structural model of default'** A model based on the assumption that an obligor will default when its assets are insufficient to cover its liabilities.

**'Structured credit'** Includes legacy structured credit portfolio primarily comprising derivative exposure and financing exposure to structured credit vehicles.

**'Subordinated liabilities'** Liabilities which, in the event of insolvency or liquidation of the issuer, are subordinated to the claims of depositors and other creditors of the issuer.

**'Supranational bonds'** Bonds issued by an international organisation, where membership transcends national boundaries (e.g. the European Union or World Trade Organisation).

**'Synthetic Securitisation Transactions'** Securitisation transactions effected through the use of derivatives.

**'Systemic Risk Buffer'** CET1 capital that may be required to be held as part of the Combined Buffer Requirement increasing the capacity of UK banks to absorb stress and limiting the damage to the economy as a result of restricted lending.

**'Tangible net asset value'** Shareholders' equity excluding non-controlling interests adjusted for the deduction of intangible assets and goodwill.

**'Tangible net asset value per share'** Shareholders' equity excluding non-controlling interests adjusted for the deduction of intangible assets and goodwill, divided by the number of issued ordinary shares.

**'Tangible shareholders equity'** Shareholders' equity excluding non-controlling interests adjusted for the deduction of intangible assets and goodwill.

**'Term premium'** Additional interest required by investors to hold assets with a longer period to maturity.

**'The three lines of defence'** The three lines of defence operating model enables Barclays to separate risk management activities between those client facing areas of the Group and associated support functions responsible for identifying risk, operating within applicable limits and escalating risk events (first line); colleagues in Risk and Compliance who establish the limits, rules and constraints under which the first line operates and monitors their performance against those limits and constraints (second line); and, colleagues in Internal Audit who provide assurance to the Board and Executive Management over the effectiveness of governance, risk management and control over risks (third line).

**'Tier 1 capital'** The sum of the Common Equity Tier 1 capital and Additional Tier 1 capital.

**'Tier 1 capital ratio'** The ratio which expresses Tier 1 capital as a percentage of Risk Weighted Assets under CRD IV.

**'Tier 2 (T2) capital'** In the context of CRD IV, a type of capital as defined in the Capital Requirements Regulation.

**'Tier 2 (T2) securities'** Securities that are treated as Tier 2 (T2) capital in the context of CRD IV.

**'Total capital ratio'** Total Regulatory capital as a percentage of Risk Weighted Assets.

**'Total outstanding balance'** In retail banking, total outstanding balance is defined as the gross month-end customer balances on all accounts including accounts charged off to recoveries.

**'Total return swap'** An instrument whereby the seller of protection receives the full return of the asset, including both the income and change in the capital value of the asset. The buyer of the protection in return receives a predetermined amount.

**'Total balances on forbearance programmes coverage ratio'** Impairment allowance held against Forbearance balances expressed as a percentage of balance in forbearance.

**'Traded Market Risk'** The risk of a reduction to earnings or capital due to volatility of trading book positions.

**'Trading book'** All positions in financial instruments and commodities held by an institution either with trading intent, or in order to hedge positions held with trading intent.

**'Traditional Securitisation Transactions'** Securitisation transactions in which an underlying pool of assets generates cash flows to service payments to investors.

**'Transitional'** In the context of CRD IV a measure is described as transitional when the transitional provisions set out in Part Ten of the CRD IV Regulation are applied in its calculation.

**'Unencumbered'** Assets not used to secure liabilities or otherwise pledged.

**'United Kingdom (UK)'** Geographic segment where Barclays operates comprising the UK. Also see 'Europe'.

**'UK Bank levy'** A levy that applies to UK banks, building societies and the UK operations of foreign banks. The levy is payable based on a percentage of the chargeable equity and liabilities of the bank on its balance sheet date.

**'UK leverage exposure'** Is calculated as per the updated PRA rulebook, where the average exposure calculation also includes the FPC's recommendation to allow firms to exclude claims on the central bank from the calculation of the leverage exposure measure, as long as these are matched by deposits denominated in the same currency and of identical or longer maturity.

**'UK leverage ratio'** As per the updated PRA rulebook, is calculated as the average capital measure divided by the average exposure measure for the quarter, where the average is based on the capital and exposure measure on the last day of each month in the quarter.

**'US Partner Portfolio'** Co-branded credit card programs with companies across various sectors including travel, entertainment, retail and financial sectors.

**'US Residential Mortgages'** Securities that represent interests in a group of US residential mortgages.

**'Utilisation rate'** Utilisation of MCA balances expressed as a percentage of total MCA reserve limits.

**'Valuation weighted Loan to Value (LTV) Ratio'** In the context of credit risk disclosures on secured home loans, a means of calculating marked to market LTVs derived by comparing total outstanding balance and the value of total collateral we hold against these balances. Valuation weighted loan to value is calculated using the following formula:  $LTV = \text{total outstandings in portfolio} / \text{total property values of total outstandings in portfolio}$ .

**'Value at Risk (VaR)'** See 'DVaR'.

**'Weighted off balance sheet commitments'** Regulatory add-ons to the leverage exposure measure based on credit conversion factors used in the Standardised Approach to credit risk.

**'Wholesale loans' / 'lending'** Lending to larger businesses, financial institutions and sovereign entities.

**'Write-off'** Refers to the point where it is determined that an asset is irrecoverable, or it is no longer considered economically viable to try to recover the asset or it is deemed immaterial or full and final settlement is reached and the shortfall written off. In the event of write-off, the customer balance is removed from the balance sheet and the impairment allowance held against the asset is released.

**'Wrong-way risk'** Arises, in a trading exposure, when there is significant correlation between the underlying asset and the counterparty, which in the event of default would lead to a significant mark to market loss. When assessing the credit exposure of a wrong-way trade, analysts take into account the correlation between the counterparty and the underlying asset as part of the sanctioning process.