# Risk management

## **BASIC PRINCIPLES**

As described in greater detail in the annual financial statements, the Intesa Sanpaolo Group's risk acceptance policies are defined by the Parent Company's Supervisory Board and Management Board. The Supervisory Board performs its activities through specific committees set up from among its members, including the Control Committee. The Management Board draws on the activities conducted by managerial committees, particularly the Group Risk Governance Committee. Both corporate bodies receive support from the Chief Risk Officer who reports directly to the Chief Executive Officer. The Chief Risk Officer is responsible for proposing the Risk Appetite Framework, setting the Group's risk management and compliance guidelines and policies in accordance with company strategies and objectives and coordinating and verifying the implementation of those guidelines and policies by the responsible units of the Group, including within the various corporate departments. The Chief Risk Officer ensures management of the Group's overall risk profile by establishing methods and monitoring exposure to the various types of risk and reporting the situation periodically to the corporate bodies.

The Parent Company is in charge of overall direction, management and control of risks. Group companies that generate credit and/or financial risks are assigned autonomy limits and each has its own control structure. A service agreement governs the risk control activities performed by the Parent Company's functions on behalf of the main subsidiaries. These functions report directly to the subsidiaries' Management Bodies.

The risk measurement and management tools contribute to defining a risk-monitoring framework at Group level, capable of assessing the risks assumed by the Group from a regulatory and economic point of view. The level of absorption of economic capital, defined as the maximum "unexpected" loss that could be borne by the Group over a period of one year, is a key measure for determining the Group's financial structure, risk appetite and for guiding operations, ensuring a balance between risks assumed and shareholder returns. It is estimated on the basis of the current situation and also as a forecast, based on the Budget assumptions and projected economic scenario under ordinary and stress conditions. The assessment of capital is included in business reporting and is submitted quarterly to the Group Risk Governance Committee, the Management Board and the Control Committee, as part of the Group's Risks Tableau de Bord. Risk hedging, given the nature, frequency and potential impact of the risk, is based on a constant balance between mitigation/hedging action, control procedures/processes and capital protection measures.

## **BASEL 3 REGULATIONS AND THE INTERNAL PROJECT**

With effect from 1 January 2014, the Basel Committee agreement reforms ("Basel 3") were implemented in the EU legal framework. Their aim is to improve the banking sector's ability to absorb shocks arising from financial and economic stress, whatever the source, improve risk management and governance, and strengthen banks' transparency and disclosures. In doing so, the Committee maintained the approach based on three Pillars, which was at the basis of the previous capital agreement, known as "Basel 2", supplementing and strengthening it to increase the quantity and quality of intermediaries' capital as well as introducing counter-cyclical regulatory instruments, provisions on liquidity risk management and leverage containment. Therefore, the EU implemented "Basel 3" through two legislative acts:

- Regulation (EU) No. 575/2013 of 26 June 2013 (CRR), which governs the prudential supervision requirements of Pillar 1 and public disclosure requirements (Pillar 3);
- Directive 2013/36/EU of 26 June 2013 (CRD IV), which, among other things, deals with the access to the activity of credit
  institutions, freedom of establishment, freedom to provide services, supervisory review process and additional equity reserves.

EU legislation is complemented by the provisions issued by the Bank of Italy and referring to Circular no. 285 of 17 December 2013, which contains the prudential supervision regulations applicable to banks and Italian banking groups, reviewed and updated to adjust the internal regulations to the new elements of the international regulatory framework, with special reference to the new regulatory and institutional structure of banking supervision of the European Union and taking into account the needs detected while supervising banks and other intermediaries.

In order to comply with the new rules envisaged by Basel 3, the Group has undertaken adequate project initiatives, expanding the objectives of the Basel 2 Project in order to improve the measurement systems and the related risk management systems. Additional information on own funds, which are now calculated according to the Basel 3 rules, and on capital ratios of the Group is provided in the section on balance sheet aggregates: Own funds and capital ratios, and in the document Basel 3 Pillar 3.

With respect to credit risks, the Group received authorisation to use internal ratings-based approaches effective from the report as at 31 December 2008 on the Corporate portfolio for a scope extending to the Parent Company, network banks in the Banca dei Territori Division and the main Italian product companies.

Progressively, the scope of application has been gradually extended to include the SME Retail and Mortgage portfolios, as well as other Italian and international Group companies, as shown in the following table.

|                                               | Corp       | Corporate  |            | Mortgage   |
|-----------------------------------------------|------------|------------|------------|------------|
|                                               | FIRB       | AIRB LGD   | IRB LGD    | IRB LGD    |
| Intesa Sanpaolo                               |            |            |            |            |
| Banco di Napoli                               |            |            |            |            |
| Cassa di Risparmio del Veneto                 |            |            |            |            |
| Cassa di Risparmio di Bologna                 |            |            |            |            |
| Cassa di Risparmio di Venezia                 |            |            |            | Jun - 2010 |
| Cassa di Risparmio del Friuli Venezia Giulia  | Dec - 2008 | Dec - 2010 | Dec - 2012 |            |
| Cassa dei Risparmi di Forlì e della Romagna   |            |            |            |            |
| Banca dell'Adriatico                          |            |            |            |            |
| Banca di Trento e Bolzano                     |            |            |            |            |
| Banca di Credito Sardo                        |            |            |            |            |
| Mediocredito Italiano                         |            |            |            | n.a.       |
| Mediofactoring                                |            | Jun - 2012 | *          | n.a.       |
| Gruppo Cassa di Risparmio di Firenze          | Dec - 2009 | Dec - 2010 | Dec - 2012 | Jun - 2010 |
| Cassa di risparmio dell'Umbria                | n.a.       | Dec - 2010 | Dec - 2012 | Dec - 2011 |
| Cassa di Risparmio della Provincia di Viterbo | n.a.       | Dec - 2010 | Dec - 2012 | Dec - 2011 |
| Cassa di Risparmio di Rieti                   | n.a.       | Dec - 2010 | Dec - 2012 | Dec - 2011 |
| Banca Monte Parma                             | n.a.       | Dec - 2013 | Mar - 2014 | Dec - 2013 |
| Banca Prossima                                | n.a.       | Dec - 2013 | Dec - 2013 | n.a.       |
| Banca IMI                                     | n.a.       | Jun - 2012 | n.a.       | n.a.       |
| Intesa Sanpaolo Bank Ireland                  | Mar - 2010 | Dec - 2011 | n.a.       | n.a.       |
| Vseobecna Uverova Banka                       | Dec - 2010 | *          | *          | Jun - 2012 |

<sup>(\*)</sup> Banks included in the roll-out plan which have not yet obtained authorisation from the Supervisory Authority.

Please note that starting from March 2014 the subsidiary Banca Monte Parma received the authorisation to extend the IRB approach to the SME Retail segment.

Dedicated rating approaches have been developed for the Banks and Public Entities Portfolio according to the type of counterparty to be assessed. This was the subject of a pre-validation inspection by the Supervisory Authority conducted in December 2013 as part of the process leading up to the application for authorisation to be submitted in 2014.

The Group is also proceeding with development of the IRB systems for the other segments and the extension of the scope of companies for their application in accordance with a plan presented to the Supervisory Authority.

With reference to the Parent Company Intesa Sanpaolo and to Banca IMI, the Bank of Italy granted the authorisation to use the internal counterparty risk model for regulatory purposes, starting from the first quarter of 2014.

With regard to Operational Risk, the Group obtained authorisation to use the Advanced Measurement Approaches (AMA – internal model) to determine the associated capital requirement for regulatory purposes, with effect from the report as at 31 December 2009. The scope of application of the advanced approaches is being progressively expanded in accordance with the roll out plan presented to the Management and to the Supervisory Authorities. For additional details see the section on operational risks.

In April 2014 the Group presented its Annual Internal Capital Adequacy Assessment Process Report as a "class 1" banking group, according to Bank of Italy classification, based on the extensive use of internal approaches for the measurement of risk, internal capital and total capital available.

As mentioned, as part of its adoption of Basel 3 framework, the Group publishes information concerning capital adequacy, exposure to risks and the general characteristics of the systems aimed at identifying, monitoring and managing them in a document entitled "Basel 3 - Pillar 3" or simply "Pillar 3".

The document is published on the website (group.intesasanpaolo.com) on a quarterly basis.

## **CREDIT RISK**

The Group's strategies, powers and rules for the granting and managing of loans are aimed at:

- achieving the goal of sustainable growth consistent with the Group's risk appetite and value creation objectives, whilst guaranteeing and improving the quality of its lending operations;
- diversifying the portfolio, limiting the concentration of exposures to counterparties/groups, economic sectors or geographical areas;
- efficiently selecting economic groups and individual borrowers through a thorough analysis of their creditworthiness aimed at limiting the risk of insolvency and mitigating potentially associated losses;
- given the current economic climate, favouring lending business aimed at supporting the real economy and production system and at developing relationships with customers;
- constantly monitoring relationships and the related exposures, through the use of both IT procedures and systematic surveillance of positions that show irregularities with the aim of detecting any symptoms of deterioration in a timely manner.

The Intesa Sanpaolo Group has developed a set of techniques and tools for credit risk measurement and management which ensures analytical control over the quality of loans to customers and financial institutions, and loans subject to country risk.

In particular, with respect to loans to customers, risk is measured using internal rating models which change according to the counterparty's operating segment.

# **Credit quality**

Constant monitoring of the quality of the loan portfolio is also pursued through specific operating checks for all the phases of loan management.

The overall non-performing loan portfolio is subject to a specific management process which, inter alia, entails accurate monitoring through a control system and periodic managerial reporting. In particular, this activity is performed using measurement methods and performance controls that allow the production of synthetic risk indicators. They allow timely assessments when any anomalies arise or persist and interact with processes and procedures for loan management and for credit risk control.

Within the Group, in accordance with pre-set rules, positions which are attributed a persistent high-risk rating are intercepted (manually or automatically) and classified to the following categories based on their risk profile: doubtful loans, exposures to borrowers in default or in similar situations; substandard loans, exposures to borrowers in temporary difficulty, deemed likely to be settled in a reasonable period of time and exposures which satisfy the conditions objectively set by the Supervisory Authority ("objective substandard loans"), although they do not meet the requirements to be classified under doubtful loans; restructured loans, positions for which, due to the deterioration of the economic and financial position of the borrower, the bank (or pool of banks) agrees to modify the original contractual terms giving rise to a loss. Lastly, non-performing loans also include past due positions that cannot be considered mere delays in reimbursements, as established by the Bank of Italy.

(millions of euro)

|                                            | 31.03.2014 |             |          |          | Changes     |          |          |
|--------------------------------------------|------------|-------------|----------|----------|-------------|----------|----------|
|                                            | Gross      | Total       | Net      | Gross    | Total       | Net      | Net      |
|                                            | exposure   | adjustments | exposure | exposure | adjustments | exposure | exposure |
| Doubtful loans                             | 35,504     | -22,317     | 13,187   | 34,403   | -21,504     | 12,899   | 288      |
| Substandard loans                          | 18,262     | -4,258      | 14,004   | 17,979   | -4,164      | 13,815   | 189      |
| Restructured loans                         | 2,869      | -430        | 2,439    | 2,728    | -413        | 2,315    | 124      |
| Past due loans                             | 1,779      | -249        | 1,530    | 2,232    | -274        | 1,958    | -428     |
| Non-performing loans                       | 58,414     | -27,254     | 31,160   | 57,342   | -26,355     | 30,987   | 173      |
| Performing loans                           | 296,125    | -2,413      | 293,712  | 300,341  | -2,402      | 297,939  | -4,227   |
| Performing loans represented by securities | 14,465     | -317        | 14,148   | 15,207   | -344        | 14,863   | -715     |
| Loans to customers                         | 369,004    | -29,984     | 339.020  | 372,890  | -29,101     | 343,789  | -4.769   |

Figures restated where required by international accounting standards and, where necessary, considering the changes in the scope of consolidation and discontinued operations.

The table above shows an increase for the first quarter of 2014 of non-performing loans, net of adjustments, by 173 million euro (+0.6%), compared to the end of the previous year. This trend led to a higher incidence of non-performing loans on total loans to customers, increasing from 9% to 9.2%. Coverage of non-performing loans came to approximately 46.7%, higher than the level at the end of 2013 (46%), however deemed adequate to meet the expected losses, also considering the guarantees securing the positions

In particular, as at 31 March 2014, doubtful loans net of adjustments reached 13.2 billion euro, up 2.2% since the beginning of the year. The incidence on total loans was 3.9%, with a coverage ratio of 62.9%.

Compared to 31 December 2013, substandard loans increased 1.4% to 14 billion euro. Substandard loans as a proportion of total loans to customers increased from 4% to 4.1% in the first three months of the year, and the coverage ratio, adequate for the risk intrinsic to this portfolio, was 23.3%, slightly above the figure at the end of the previous year.

Restructured loans stood at 2,439 million euro, up compared to the beginning of the year (+5.4%), with a coverage ratio of 15% in line with the 15.1% of the previous year.

Past due loans recorded a decrease of 428 million euro (-21.9%) to 1,530 million euro from 1,958 million euro of the previous year. The incidence of this type of non-performing loans was 0.5%, substantially in line with the figure recorded at the end of December. The coverage ratio rose to 14% from the previous figure of 12.3%.

Performing exposures decreased, from 297.9 billion euro in the previous year to 293.7 billion euro. In this context, the cumulated collective adjustments on these loans totalled 0.8% of the gross exposure to customers, a value that is unchanged compared to the figure recorded at the end of 2013.

## **MARKET RISKS**

## **TRADING BOOK**

The quantification of trading risks is based on daily and periodic VaR of the trading portfolios of Intesa Sanpaolo and Banca IMI, which represent the main portion of the Group's market risks, to adverse market movements of the following risk factors:

- interest rates:
- equities and market indexes;
- investment funds;
- foreign exchange rates;
- implied volatilities;
- spreads in credit default swaps (CDSs);
- spreads in bond issues;
- correlation instruments;
- dividend derivatives;
- asset-backed securities (ABSs);
- commodities.

A number of the other Group subsidiaries hold smaller trading portfolios with a marginal risk (around 1% of the Group's overall risk). In particular, the risk factors of the international subsidiaries' trading books are local government bonds and positions in interest rates and foreign exchange rates, both relating to linear pay-offs.

For some of the risk factors indicated above, the Supervisory Authority has validated the internal models for the reporting of the capital absorptions of both Intesa Sanpaolo and Banca IMI.

Effective from the report as at 30 September 2012, both banks have received authorisation from the Supervisory Authority to extend the scope of the model to specific risk on debt securities. The model was extended on the basis of the current methodological framework (a historical simulation in full evaluation), and required the integration of the Incremental Risk Charge into the calculation of the capital requirement for market risks.

The risk profiles validated are: (i) generic/specific on debt securities and on equities for Intesa Sanpaolo and Banca IMI, (ii) position risk on quotas of UCI underlying CPPI (Constant Proportion Portfolio Insurance) products for Banca IMI, (iii) position risk on dividend derivatives and (iv) position risk on commodities for Banca IMI, the only legal entity in the Group authorised to hold open positions in commodities.

The requirement for stressed VaR is included when determining capital absorption effective from 31 December 2011. The requirement derives from the determination of the VaR associated with a market stress period. This period was identified considering the following guidelines, on the basis of the indications presented in the Basel document "Revision to the Basel 2 market risk framework":

- the period must represent a stress scenario for the portfolio;
- the period must have a significant impact on the main risk factors for the portfolios of Intesa Sanpaolo and Banca IMI;
- the period must allow real historical series to be used for all portfolio risk factors.

In keeping with the historical simulation approach employed to calculate VaR, the latter point is a discriminating condition in the selection of the holding period. In fact, in order to ensure that the scenario adopted is effectively consistent and to avoid the use of driver or comparable factors, the historical period must ensure the effective availability of market data.

As at the date of preparation of this document, the period relevant to the measurement of stressed VaR had been set as 1 January to 31 December 2011 for Intesa Sanpaolo and as 1 July 2011 to 30 June 2012 for Banca IMI.

The analysis of market risk profiles relative to the trading book uses various quantitative indicators and VaR is the most important. Since VaR is a synthetic indicator which does not fully identify all types of potential loss, risk management has been enriched with other measures, in particular simulation measures for the quantification of risks from illiquid parameters (dividends, correlation, ABS, hedge funds).

VaR estimates are calculated daily based on simulations of historical time-series, a 99% confidence level and 1-day holding period. The following paragraphs provide the estimates and evolution of VaR, defined as the sum of VaR and of the simulation on illiquid parameters, for the trading book of Intesa Sanpaolo and Banca IMI.

In the first quarter of 2014, market risks generated by Intesa Sanpaolo and Banca IMI decreased slightly with respect to the averages for the last quarter of 2013. The average VaR for the period totalled 46.5 million euro.

# Daily VaR of the trading book for Intesa Sanpaolo and Banca IMI<sup>(a)</sup>

(millions of euro)

|                 |                         | 2014                    |                         |                         | illions or early        |                         |                         |
|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                 | average                 | minimum                 | maximum                 | average                 | average                 | average                 | average                 |
|                 | 1 <sup>st</sup> quarter | 1 <sup>st</sup> quarter | 1 <sup>st</sup> quarter | 4 <sup>th</sup> quarter | 3 <sup>rd</sup> quarter | 2 <sup>nd</sup> quarter | 1 <sup>st</sup> quarter |
| Intesa Sanpaolo | 9.4                     | 8.0                     | 11.3                    | 10.5                    | 8.2                     | 11.7                    | 14.1                    |
| Banca IMI       | 37.0                    | 32.6                    | 43.8                    | 38.6                    | 39.3                    | 50.8                    | 59.0                    |
| Total           | 46.5                    | 41.9                    | 54.2                    | 49.2                    | 47.6                    | 62.5                    | 73.2                    |

<sup>(</sup>a) Each line in the table sets out past estimates of daily VaR calculated on the quartely historical time-series respectively of Intesa Sanpaolo and Banca IMI; minimum and maximum values for the two companies are estimated using aggregate historical time-series and therefore do not correspond to the sum of the individual values in the column.

During the first three months of 2014, market risks generated by Intesa Sanpaolo and Banca IMI markedly decreased with respect to the values for 2013.

(millions of euro)

|                 |                                    | 2014                               |                                    | 2013                               |                                    |                                    |  |  |
|-----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--|--|
|                 | average<br>1 <sup>st</sup> quarter | minimum<br>1 <sup>st</sup> quarter | maximum<br>1 <sup>st</sup> quarter | average<br>1 <sup>st</sup> quarter | minimum<br>1 <sup>st</sup> quarter | maximum<br>1 <sup>st</sup> quarter |  |  |
| Intesa Sanpaolo | 9.4                                | 8.0                                | 11.3                               | 14.1                               | 11.5                               | 18.1                               |  |  |
| Banca IMI       | 37.0                               | 32.6                               | 43.8                               | 59.0                               | 46.0                               | 74.2                               |  |  |
| Total           | 46.5                               | 41.9                               | 54.2                               | 73.2                               | 60.2                               | 88.5                               |  |  |

<sup>(</sup>a) Each line in the table sets out past estimates of daily VaR calculated on the historical time-series of the first three months of the year respectively of Intesa Sanpaolo and Banca IMI; minimum and maximum values for the two companies are estimated using aggregate historical time-series and therefore do not correspond to the sum of the individual values in the column.

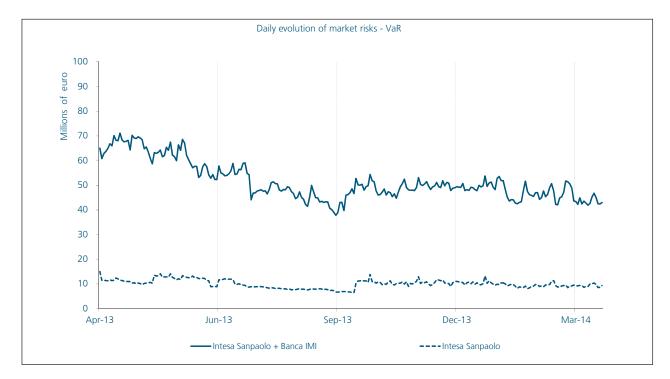
For Intesa Sanpaolo the breakdown of risk profile in the first quarter of 2014 with regard to the various factors shows the prevalence of the hedge fund risk, which accounted for 35% of total VaR; for Banca IMI credit spread risk was the most significant, representing 65% of total VaR.

# Contribution of risk factors to total VaR<sup>(a)</sup>

| 1 <sup>st</sup> quarter 2014 | Shares | Hedge<br>funds | Rates | Credit<br>spreads | Foreign<br>exchange<br>rates | Other<br>parameters | Comodities |
|------------------------------|--------|----------------|-------|-------------------|------------------------------|---------------------|------------|
| Intesa Sanpaolo              | 28%    | 35%            | 8%    | 21%               | 7%                           | 1%                  | 0%         |
| Banca IMI                    | 8%     | 0%             | 12%   | 65%               | 1%                           | 12%                 | 2%         |
| Total                        | 14%    | 10%            | 11%   | 51%               | 3%                           | 9%                  | 2%         |

<sup>(</sup>a) Each line in the table sets out the contribution of risk factors considering 100% the overall capital at risk, calculated as the average of daily estimates in the first quarter of 2014, broken down between Intesa Sanpaolo and Banca IMI and indicating the distribution of overall capital at risk.

The evolution of VaR in the last twelve months is set out below. The changes in the Group's VaR are mainly attributable to Banca IMI. The VaR peaked at the beginning of the period of observation (April 2013), following the post-elections scenario, when tensions were recorded on the Italian government spread market. The risk measures stabilised during the year. This effect is due to the departure from the calculation of the historical simulation, used to calculate VaR, of the 2012 volatility scenarios pertaining to the Italy risk. During the first quarter of 2014 the risk measures were slightly down on average; in particular, the decrease concerned the equity risk component for Banca IMI and the spread component for the Parent Company.



Risk control with regard to the trading activity of Intesa Sanpaolo and Banca IMI also uses scenario analyses and stress tests. The impact on the income statement of selected scenarios relating to the evolution of stock prices, interest rates, credit spreads, foreign exchange rates and commodity prices at the end of March is summarised as follows:

- on stock market positions, a bullish scenario, that is a 5% increase in stock prices with a simultaneous 10% decrease in volatility would have led to a 14 million euro gain; the opposite scenario would have led to a -12 million euro loss;
- on interest rate exposures, a parallel +70 basis point shift (average) would have led to a 108 million euro loss, whereas a
  parallel shift in the euro curve with near zero rates would have led to potential gains of 206 million euro;
- on exposures sensitive to credit spread fluctuations, a 25 basis point widening in spreads would have led to a 166 million euro loss;
- on foreign exchange exposures, the portfolio is hedged as a consequence of the hedging transactions through options;
- finally, on commodity exposures, the portfolio is hedged through hedging transactions.

| (mi | llions | of | euro) |
|-----|--------|----|-------|
|     |        |    |       |

|       | EQUITY                            |                                   | INTERE | ST RATES   | CREDIT SPREADS |       | FOREIGN EXCHANGE<br>RATES |      | COMMODITY |      |
|-------|-----------------------------------|-----------------------------------|--------|------------|----------------|-------|---------------------------|------|-----------|------|
|       | volatility +10%<br>and prices -5% | volatility -10%<br>and prices +5% | +70bp  | lower rate | -25bp          | +25bp | -10%                      | +10% | -50%      | +50% |
| Total | -12                               | 14                                | -108   | 206        | 160            | -166  | 5                         | 5    | 5         | 3    |

# **Backtesting**

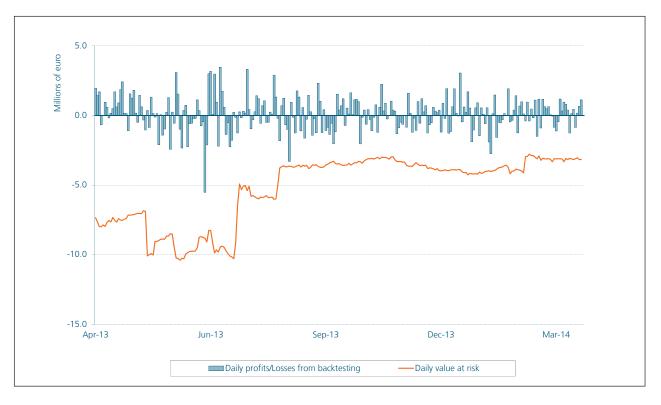
The effectiveness of the VaR calculation methods must be monitored daily via backtesting which, as concerns regulatory backtesting, compares:

- the daily estimates of value at risk;
- the daily profits/losses based on backtesting which are determined using actual daily profits and losses achieved by individual desks, net of components which are not considered in backtesting such as commissions and intraday activities.

Backtesting allows verification of the model's capability of correctly seizing, from a statistical viewpoint, the variability in the daily valuation of trading positions, covering an observation period of one year (approximately 250 estimates). Any critical situations relative to the adequacy of the Internal Model are represented by situations in which daily profits/losses based on backtesting highlight more than three occasions, in the year of observation, in which the daily loss is higher than the value at risk estimate. Current regulations require that backtesting is performed by taking into consideration both the actual P&L series recorded and the theoretical series. The latter is based on valuation of the portfolio value through the use of pricing models adopted for the VaR measurement calculation. The number of significant backtesting exceptions is determined as the maximum between those for actual P&L and theoretical P&L.

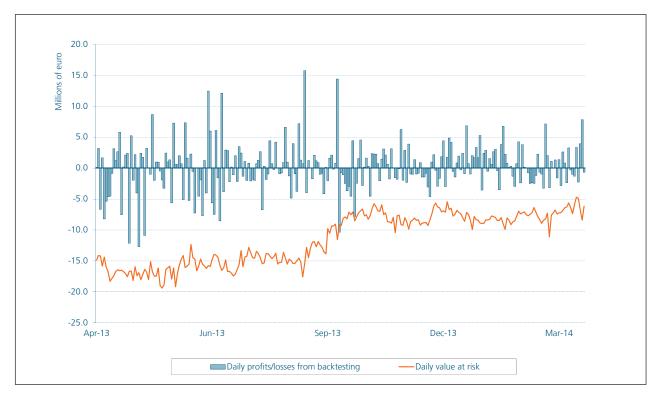
# **Backtesting in Intesa Sanpaolo**

During the last year there were no backtesting exceptions as regards both actual and theoretical figures of Intesa Sanpaolo.



# **Backtesting in Banca IMI**

Banca IMI's backtesting exception refers to the theoretical P&L figure and can be attributed to the fluctuations in financial sector spreads.



## **BANKING BOOK**

Market risk originated by the banking book arises primarily in the Parent Company and in the other main Group companies involved in retail and corporate banking. The banking book also includes exposure to market risks deriving from the equity investments in quoted companies not fully consolidated, mostly held by the Parent Company and by Equiter, IMI Investimenti and Private Equity International.

The following methods are used to measure financial risks of the Group's banking book:

- Value at Risk (VaR);
- Sensitivity Analysis.

Value at Risk is calculated as the maximum potential loss in the portfolio's market value that could be recorded over a 10-day holding period with a 99% confidence level (parametric VaR).

Shift sensitivity analysis quantifies the change in value of a financial portfolio resulting from adverse movements in the main risk factors (interest rate, foreign exchange, equity). For interest rate risk, an adverse movement is defined as a parallel and uniform shift of  $\pm 100$  basis points of the interest rate curve. The measurements include an estimate of the prepayment effect and of the risk originated by customer demand loans and deposits. Furthermore, interest margin sensitivity is measured by quantifying the impact on net interest income of a parallel and instantaneous shock in the interest rate curve of  $\pm 100$  basis points, over a period of 12 months. This measure highlights the effect of variations in interest rates on the portfolio that is being measured, excluding assumptions on future changes in the mix of assets and liabilities and, therefore, it cannot be considered a forecast indicator of the future levels of the interest margin.

Hedging of interest rate risk is aimed at (i) protecting the banking book from variations in the fair value of loans and deposits due to movements in the interest rate curve or (ii) reducing the volatility of future cash flows related to a particular asset/liability. The main types of derivative contracts used are interest rate swaps (IRS), overnight index swaps (OIS), cross-currency swaps (CCS) and options on interest rates stipulated with third parties or with other Group companies. The latter, in turn, cover risk in the market so that the hedging transactions meet the criteria to qualify as IAS-compliant for consolidated financial statements.

Hedging activities performed by the Intesa Sanpaolo Group are recorded using various hedge accounting methods. A first method refers to the fair value hedge of specifically identified assets or liabilities (micro-hedging), mainly consisting of bonds issued or acquired by Group companies and loans to customers. In addition, macro-hedging is carried out on the stable portion of on demand deposits and in order to hedge against fair value changes intrinsic to the instalments under accrual generated by floating rate operations. The Group is exposed to this risk from the date on which the rate is set and the interest payment date.

Another hedging method used is the cash flow hedge, which has the purpose of stabilising interest flow on both variable rate funding, to the extent that the latter finances fixed-rate investments, and on variable rate investments to cover fixed-rate funding (macro cash flow hedges).

The Risk Management Department is in charge of measuring the effectiveness of interest rate risk hedges for the purpose of hedge accounting.

In the first three months of 2014, interest rate risk generated by the Intesa Sanpaolo Group's banking book, measured through shift sensitivity analysis, registered an average value of 134 million euro, settling at 165 million euro at the end of March, almost entirely concentrated on the euro currency; this figure compares with 206 million euro at the end of 2013.

Interest margin sensitivity – assuming a 100 basis point change in interest rates – amounted to 223 million euro at the end of March 2014 (264 million euro at the end of 2013).

Interest rate risk, measured in terms of VaR, averaged 26 million euro during the first three months of 2014 (40 million euro at the end of 2013), with a minimum value of 24 million euro and a maximum value of 28 million euro; the latter figure coincides with the value at the end of March. Price risk generated by minority stakes in listed companies, mostly held in the AFS (Available for Sale) category and measured in terms of VaR, recorded an average level of 32 million euro in the first three months of 2014 (33 million euro at the end of 2013), with a maximum value of 34 million euro and a minimum value of 30 million euro, confirmed as a final figure at the end of March.

Lastly, an analysis of banking book sensitivity to price risk, measuring the impact on Shareholders' Equity of a price shock on the above quoted assets recorded in the AFS category shows sensitivity to a 10% negative shock equal to 13.9 million euro at the end of March 2014.

## LIOUIDITY RISK

Liquidity risk is defined as the risk that the Bank may not be able to meet its payment obligations due to the inability to obtain funds on the market (funding liquidity risk) or liquidate its assets (market liquidity risk).

The arrangement of a suitable control and management system for that specific risk has a fundamental role in maintaining stability, not only at the level of each individual bank, but also of the market as a whole, given that imbalances within a single financial institution may have systemic repercussions. Such a system must be integrated into the overall risk management system and provide for incisive controls consistent with developments in the context of reference.

To reflect the new Basel 3 liquidity requirements, which in June 2013 were adopted by the European Union with the publication of Directive 2013/36/EU and Regulation 575/2013 (known as CRD IV and CRR), in December 2013 the Corporate Bodies of Intesa Sanpaolo updated the Liquidity Policy by replacing, starting from January 2014, the previous internal indicators with the LCR (Liquidity Coverage Ratio) and the NSFR (Net Stable Funding Ratio) metrics. These Guidelines illustrate the tasks of the various company functions, the rules and the set of control and management processes aimed at ensuring prudent monitoring of liquidity risk, thereby preventing the emergence of crisis situations. The key principles underpinning the Liquidity Policy of the Intesa Sanpaolo Group are:

- the existence of liquidity management guidelines approved by senior management and clearly disseminated throughout the bank:
- the existence of an operating structure that works within set limits and of a control structure that is independent from the operating structure;
- the constant availability of an adequate amount of liquidity reserves in relation to the pre-determined liquidity risk tolerance threshold;
- the assessment of the impact of various scenarios, including stress testing scenarios, on the cash inflows and outflows over time and the quantitative and qualitative adequacy of liquidity reserves;
- the adoption of an internal fund transfer pricing system that accurately incorporates the cost/benefit of liquidity, on the basis
  of the Intesa Sanpaolo Group's funding conditions.

From an organisational standpoint, a detailed definition is prepared of the tasks assigned to the strategic and management supervision bodies and reports are presented to the senior management concerning certain important formalities such as the approval of measurement methods, the definition of the main assumptions underlying stress scenarios and the composition of early warning indicators used to activate emergency plans.

The departments of the Parent Company that are in charge of ensuring the correct application of the Guidelines are, in particular, the Treasury Department and the Planning, Strategic ALM and Capital Management Department, responsible for liquidity management, and the Risk Management Department, directly responsible for measuring liquidity risk on a consolidated basis.

With regard to liquidity risk measurement metrics and mitigation tools, in addition to defining the methodological system for measuring short-term and structural liquidity indicators, the Group also formalises the maximum tolerance threshold (risk appetite) for liquidity risk, the criteria for defining liquidity reserves and the rules and parameters for conducting stress tests.

The short-term Liquidity Policy is aimed at ensuring an adequate, balanced level of cash inflows and outflows with certain or estimated maturities included in 12 months' time horizon, in order to face periods of tension, including extended ones, on different funding markets, also by establishing adequate liquidity reserves in the form of assets eligible for refinancing with Central Banks or liquid securities on private markets. To that end, and in keeping with the liquidity risk appetite, the system of limits consists of two short-term indicators for holding periods of one week (cumulative projected imbalance in wholesale operations) and of one month (Liquidity Coverage Ratio).

The cumulative projected wholesale imbalances indicator measures the Bank's independence from unsecured wholesale funding in the event of a freeze of the money market and aims to ensure financial autonomy, assuming the use on the market of only the highest quality liquidity reserves. The LCR indicator is aimed at strengthening the short-term liquidity risk profile, ensuring that sufficient unencumbered high quality liquid assets (HQLA) are retained that can be converted easily and immediately into cash on the private markets to satisfy the short-term liquidity requirements (30 days) in a liquidity stress scenario. To this end, the Liquidity Coverage Ratio measures the ratio between: (i) the value of the stock of HQLA and (ii) the total net cash outflows calculated according to the scenario parameters defined by the Regulations. The regulatory requirement of LCR will gradually come into force, starting with a percentage of 60% from January 2015.

The aim of Intesa Sanpaolo Group's structural Liquidity Policy is to adopt the structural requirement provided for by the regulatory provisions of Basel 3: Net Stable Funding Ratio. This indicator is aimed at promoting the increased use of stable funding, to prevent medium/long-term operations from giving rise to excessive imbalances to be financed in the short term.

To this end, it sets a minimum "acceptable" amount of funding exceeding one year in relation to the needs originating from the characteristics of liquidity and residual duration of assets and off-balance sheet exposures. NSFR's regulatory requirement, which is still subject to a period of observation, will come into force starting from 1 January 2018.

Within the Liquidity Policy it is also envisaged the time extension of the stress scenario for LCR indicator, provided by the new regulatory framework, measuring, for up to 3 months, the effect of specific acute liquidity tensions (at bank level) combined with a widespread and general market crisis. The internal management guidelines also envisage an alert threshold (Stressed soft ratio) for the LCR indicator up to 3 months, with the purpose of establishing an overall level of reserves covering greater cash outflows during a period of time that is adequate to implement the required operating measures to restore the Group to balanced conditions.

The Guidelines also establish methods for management of a potential liquidity crisis, defined as a situation of difficulty or inability of the Bank to meet its cash obligations falling due, without implementing procedures and/or employing instruments that, due to their intensity or manner of use, do not qualify as ordinary administration. By setting itself the objectives of safeguarding the Group's asset value and also guaranteeing the continuity of operations under conditions of extreme liquidity emergency, the Contingency Liquidity Plan ensures the identification of the early warning signals and their ongoing monitoring, the definition of procedures to be implemented in situations of liquidity stress, the immediate lines of action, and the intervention measures for the resolution of emergencies. The early warning indexes, aimed at spotting the signs of a potential liquidity strain, both systematic and specific, are monitored with daily frequency by the Risk Management Department.

In the first three months of 2014 the Group's liquidity position remained largely within the limits provided for in the Group's Liquidity Policy in force: both regulatory indicators envisaged by Basel 3 (LCR and NSFR) were met, already reaching a level above the limits under normal conditions. As at 31 March 2014, the liquidity reserves eligible with the various Central Banks came to 109 billion euro (124 billion euro at the end of December 2013), of which 82 billion euro, net of haircut, was available spot (88 billion euro at the end of December 2013) and remained unused.

Also the stress tests, when considering the high availability of liquidity reserves (liquid or eligible), yielded results in excess of the target threshold for the ISP Group, with a liquidity surplus capable of meeting extraordinary cash outflows for a period of more than 3 months.

Adequate and timely information regarding the development of market conditions and the position of the Bank and/or Group was provided to company bodies and internal committees in order to ensure full awareness and manageability of the prevalent risk factors.

## **INFORMATION ON FINANCIAL PRODUCTS**

In line with the requests for utmost transparency made by supranational and national Supervisory Authorities, the following information is provided on the fair value measurement methods adopted, structured credit products, activities performed through Special Purpose Entities (SPE), leveraged finance transactions, hedge fund investments and transactions in derivatives with customers.

## FAIR VALUE MEASUREMENT OF FINANCIAL ASSETS AND LIABILITIES

## **General principles**

This chapter summarises the criteria used by the Group to measure the fair value of financial instruments. These criteria are unchanged with respect to those adopted for the previous year financial statements, details of which can be found in the Annual Report 2013.

The fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants (i.e. not as part of the compulsory liquidation or a below-cost sale) as at the measurement date. Fair value is a market measurement criterion, not specifically referring to a single entity. Underlying the definition of fair value is the assumption that the company is carrying out normal operations, without any intention of liquidating its assets, significantly reducing the level of operations or carrying out transactions at unfavourable conditions.

An entity has to measure the fair value of an asset or liability by adopting the assumptions that would be used by market participants when pricing an asset or liability, presuming that they act with a view to satisfying their own economic interest in the best way possible.

The fair value of financial instruments is determined according to a hierarchy of criteria based on the origin, type and quality of the information used. In detail, this hierarchy assigns top priority to quoted prices (unadjusted) in active markets and less importance to unobservable inputs. Three different levels of input are identified:

- level 1: input represented by quoted prices (unadjusted) in active markets for identical assets or liabilities accessible by the entity as at the measurement date;
- level 2: input other than quoted prices included in level 1 that are directly or indirectly observable for the assets or liabilities to be measured:
- level 3: unobservable input for the asset or liability.

As *level 1* inputs are available for many financial assets and liabilities, some of which are traded in more than one active market, the company must pay particular attention to defining both of the following aspects:

- the principal market for the asset or liability or, in the absence of a principal market, the most advantageous market for the asset or liability;
- whether the company can complete a transaction involving the asset or liability at that price and in that market as at the measurement date.

The Intesa Sanpaolo Group considers the principal market of a financial asset or liability to be the market in which the Group generally operates.

A market is regarded as active if quoted prices, representing actual and regularly occurring market transactions considering a normal reference period, are readily and regularly available from an exchange, dealer, broker, industry group, pricing service or regulatory agency.

In specific cases regulated by internal policies and despite being quoted on regulated markets, research is carried out in order to verify the significance of official market values.

In the event of a significant reduction in the volume or level of operations compared to normal operations for the asset or liability (or for similar assets or liabilities) highlighted by a number of indicators (number of transactions, limited significance of market prices, significant increase in implicit premiums for liquidity risk, expansion or increase of the bid-ask spread, reduction or total lack of market for new issues, limited publicly-available information), analyses of the transactions or of the quoted prices are carried out.

The following are considered as level 1 financial instruments: contributed equities, bonds quoted on the EuroMTS circuit, those for which it is possible to continuously derive from the main price contribution international platforms at least three bid and ask prices, and those for which prices are provided by the Markit platform, with at least three bid and ask prices for bonds and convertibles and at least five bid and ask prices for European ABSs, harmonised mutual funds contributed, spot exchange rates, and derivatives for which quotations are available on an active market (for example, futures and exchange traded options). Finally, level 1 instruments also include hedge funds for which the fund administrator provides the NAV (Net Asset Value) with the frequency established in the subscription contract, and the check list, which is the summary document of significant information on underlying assets of the fund, does not highlight any critical points in terms of liquidity risk or counterparty risk.

For level 1 financial instruments, the current bid price is used for financial assets and the current asking price for financial liabilities, struck on the principal active market at the close of the reference period.

For financial instruments with a scarcely significant bid-ask spread or for financial assets and liabilities with offsetting market risks, mid-market prices are used (again referred to the last day of the reference period) instead of the bid or ask price.

Conversely, all other financial instruments that do not belong to the above-described categories or that do not have the contribution level defined by the Fair Value Policy are not considered level 1 instruments.

When no quotation on an active market exists or the market is not functioning regularly, that is when the market does not have a sufficient and continuous number of trades, and bid-offer spreads and volatility that are not sufficiently contained, the fair value of the financial instruments is mainly determined through the use of valuation techniques whose objective is the establishment of the price at which, in an orderly transaction, the asset is sold or the liability transferred between market participants, as at the

measurement date, under current market conditions.

Such techniques include:

- the use of market values that are indirectly linked to the instrument to be measured, deriving from products with the same risk profile (level 2);
- valuations performed using even partially inputs not identified from parameters observed on the market, for which
  estimates and assumptions made by the valuator are used (level 3).

In the case of *level 2* inputs, the valuation is not based on the price of the same financial instrument to be measured, but on prices or credit spreads presumed from official listing of instruments which are similar in terms of risk factors, using a given calculation methodology (pricing model). The use of this approach requires the identification of transactions on active markets in relation to instruments that, in terms of risk factors, are comparable with the instrument to be measured. Level 2 calculation methodologies reproduce prices of financial instruments quoted on active markets (model calibration) and do not contain discretional parameters – parameters for which values may not be inferred from quotations of financial instruments present on active markets or fixed at levels capable of reproducing quotations on active markets – that significantly influence the final valuation.

The following are measured using level 2 input models:

- bonds without official quotations expressed by an active market and whose fair value is determined through the use of an appropriate credit spread which is estimated starting from contributed and liquid financial instruments with similar characteristics;
- derivatives measured through specific pricing models, fed by input parameters (such as yield, foreign exchange and volatility curves) observed on the market;
- ABSs for which significant prices are not available and whose fair value is measured using valuation techniques that consider parameters which may be presumed from the market;
- equities measured based on direct transactions, that is significant transactions on the stock registered in a time frame considered to be sufficiently short with respect to measurement date and in constant market conditions, using, therefore, the "relative" valuation models based on multipliers;
- loans measured through the discounting of future cash flows.

The calculation of the fair value of certain types of financial instruments is based on valuation models which consider parameters not directly observable on the market, therefore implying estimates and assumptions on the part of the valuator (*level 3*). In particular, the valuation of the financial instrument uses a calculation methodology which is based on specific assumptions of:

- the development of future cash-flows, which may be affected by future events that may be attributed probabilities presumed from past experience or on the basis of the assumed behaviour;
- the level of specific input parameters not quoted on active markets, for which information acquired from prices and spreads observed on the market is in any case preferred. Where this is not available, past data on the specific risk of the underlying asset or specialised reports are used (e.g. reports prepared by Rating agencies or primary market players).

The following are measured under the Mark-to-Model Approach:

- debt securities and complex credit derivatives (CDOs) included among structured credit products and credit derivatives on index tranches;
- hedge funds not included in level 1;
- shareholding and other equities measured using models based on discounted cash flows;
- other loans, of a smaller amount, classified in the available-for-sale portfolio;
- derivative transactions relating to securitisations and equity-risk structured options.

Regarding the valuation techniques used for financial instruments (securities, derivatives, structured products, hedge funds) classified within levels 2 and 3 of the fair value hierarchy, no changes are recorded compared to the description in the Annual Report 2013.

In particular, it is specified that, in valuing the derivative contracts, the Group considers the (own and counterparty) non-performance risk which is calculated through the bilateral Credit Value Adjustment method, for a description of which reference is made to the Annual Report 2013.

With regard to the attribution of fair value hierarchy levels, it is also underlined that, for the hedge funds managed through the Managed Account Fund (MAF) platform, the platform's characteristics make it possible to perform an analysis of the financial instruments underlying the funds and to assign the fair value hierarchy level based on the prevalence, in terms of percentage of NAV, of the weight of assets priced according to the various levels.

The Intesa Sanpaolo Group governs and defines the fair value measurement of financial instruments through the Group's Fair Value Policy, prepared by the Risk Management Department and also applied to the Parent Company and to all consolidated subsidiaries.

The valuation process of financial instruments entails the following phases:

- identification of the sources for measurements: for each asset class, the Market Data Reference Guide establishes the
  processes necessary to identify market parameters and the means according to which such data must be extracted and used;
- certification and treatment of market data for measurements: this stage consists of the accurate verification of the market parameters used (verifying the integrity of data contained on the proprietary platform with respect to the source of contribution), reliability tests (consistency of each single figure with similar or comparable figures) and verification of concrete application means. In particular:
  - o reference categories are established for the various types of market parameters;
  - o the reference requirements governing the identification of official revaluation sources are set;
  - o the fixing conditions of official figures are established;
  - o the data certification conditions are established;

- certification of pricing models and Model Risk Assessment: this phase is aimed at verifying the consistency and the adherence of the various measurement techniques used with current market practice, at highlighting any critical aspects in the pricing models used and at determining any adjustments necessary for measurement. The validation process is particularly important at the start of activities in a new financial instrument which requires the development of further pricing models, and when the Bank decides to use a new model to measure payoffs previously managed with models deemed to be less adequate. All models used for the measurement must be submitted to an internal certification process which involves various competent structures or independent companies in highly complex or particularly critical cases;
- monitoring consistency of pricing models over time: periodical monitoring of the adherence to the market of the pricing model in order to discover any gaps promptly and start the necessary verifications and interventions.

# Fair value hierarchy

The table below shows financial assets and liabilities designated at fair value through profit and loss broken down by fair value hierarchy levels.

Compared to the information provided in the 2013 financial statements, the Group did not amend the guidelines based on which level changes are carried out within the fair value hierarchy.

(millions of euro)

| Financial assets / liabilities at fair value                                              | 3       | 1.03.2014 |         | 31.12.2013 |         |         |  |
|-------------------------------------------------------------------------------------------|---------|-----------|---------|------------|---------|---------|--|
|                                                                                           | Level 1 | Level 2   | Level 3 | Level 1    | Level 2 | Level 3 |  |
| Financial assets held for trading     Financial assets designated at fair value           | 19,814  | 31,748    | 790     | 16,938     | 31,309  | 753     |  |
| through profit or loss                                                                    | 33,424  | 2,842     | 399     | 32,374     | 3,004   | 383     |  |
| 3. Financial assets available for sale                                                    | 103,564 | 4,728     | 5,132   | 105,489    | 4,196   | 5,608   |  |
| 4. Hedging derivatives                                                                    | -       | 7,825     | 1       | -          | 7,533   | 1       |  |
| Total                                                                                     | 156,802 | 47,143    | 6,322   | 154,801    | 46,042  | 6,745   |  |
| Financial liabilities held for trading     Financial liabilities designated at fair value | 5,992   | 35,064    | 426     | 7,063      | 31,756  | 400     |  |
| through profit or loss                                                                    | -       | 31,433    | -       | -          | 30,733  | -       |  |
| 3. Hedging derivatives                                                                    | -       | 8,150     | 13      | -          | 7,577   | 13      |  |
| Total                                                                                     | 5,992   | 74,647    | 439     | 7,063      | 70,066  | 413     |  |

Figures restated where required by international accounting standards and, where necessary, considering the changes in the scope of consolidation and discontinued operations.

As shown in the table, level 3 instruments, which allow for more discretion in fair value measurement, still account for a limited portion of the financial instruments portfolio, with percentages reaching approximately 3% for financial assets and 0.5% for financial liabilities, without showing any significant change compared to the percentages of December 2013.

Approximately 75% of financial assets measured at fair value are determined based on market prices, and therefore without any discretion by the valuator.

The sensitivity analysis of level 3 financial assets and liabilities shows a not significant decrease in fair value, relating to complex credit derivatives, when the following parameters change:

- risk-neutral probability of default derived from market spreads (10%);
- recovery rate (from 5% to 25%, based on the type of risk of the underlying product);
- correlation between the value of collaterals present in the structure (from 25% to 80%, based on the type of risk of the underlying product);
- expected residual life of the contract (one-year increase over the expected term).

## STRUCTURED CREDIT PRODUCTS

In the first quarter of 2014, the exposure in structured credit products was substantially stable due to the combined effect of the reduction in risk positions classified as part of the loan portfolio and the increase in the exposure associated with the trading portfolio, essentially due to the purchase of ABSs by Banca IMI.

The risk exposure to structured credit products amounted to 2,034 million euro as at 31 March 2014 with respect to funded and unfunded ABSs/CDOs, compared to 2,033 million euro as at 31 December 2013, in addition to an exposure of 27 million euro with respect to structured packages (this position was 26 million euro as at 31 December 2013).

The rise in the exposure (from 1,068 million euro in December 2013 to 1,171 million euro in March 2014) classified in the trading portfolio is largely attributable to higher investments in ABSs by the subsidiary Banca IMI.

With regard to the exposure represented by securities classified under the loan portfolio, on the other hand, a significant decrease was recorded (from 965 million euro in December 2013 to 863 million euro in March 2014), almost entirely attributable to the Parent Company loan portfolio and for the most part due to sales.

Lastly, with regard to exposure in packages, the figure of 27 million euro recorded as at 31 March 2014 is in line with the figure at the end of 2013.

From an income statement perspective, structured credit products generated a net income of 7 million euro as at 31 March 2014 compared to 67 million euro at the end of 2013.

The exposure in funded and unfunded ABSs/CDOs had an effect on "Profits (Losses) on trading – Caption 80" of 10 million euro. The profit on this segment was a result of the effects of:

- unfunded Super CDO positions for +1 million euro;
- European and US funded ABSs/CDOs (+12 million euro), entirely attributable to the subsidiary Banca IMI and including 5 million euro attributable to profits realised on the partial disposal of the trading book and +7 million euro from revaluation of outstanding positions;
- the contribution of the subprime exposure for -1 million euro;
- other unfunded positions for -2 million euro.

The securities reclassified to the loan portfolio had a negative impact of 3 million euro on the income statement as at 31 March 2014. This result is the combination of the 3 million euro in profits realised on the sale of positions and 6 million euro in impairment losses on securities included in the portfolio.

The "Monoline risk" and "Non-monoline packages" made no contribution to "Profits (Losses) on trading – caption 80" as at 31 March 2014, compared to the positive result of 40 million euro recorded as at 31 December 2013. The segment trend reflects the spread volatility for the counterparty on which this exposure is concentrated.

# INFORMATION ON ACTIVITIES PERFORMED THROUGH SPECIAL PURPOSE ENTITIES (SPEs)

For the purpose of this analysis, legal entities established to pursue a specific, clearly defined and limited objective are considered Special Purpose Entities (raising funds on the market, acquiring/selling/managing assets both for asset securitisations, acquisition of funding through self-securitisations and the issue of covered bonds (CBs), developing and/or financing specific business initiatives, undertaking leveraged buy-out transactions, or managing credit risk inherent in an entity's portfolio).

The sponsor of the transaction is normally an entity which requests the structuring of a transaction that involves the SPE for the purpose of achieving certain objectives. In some cases the Bank is the sponsor and establishes a SPE to achieve one of the objectives cited above.

For consolidation purposes, note that the implementation of the new standard IFRS 10 caused the deconsolidation of insurance SPEs (UCIs underlying insurance policies), the risk of which is borne by the insured parties rather than by the Group company.

No amendments to the criteria are reported for the other SPE categories compared to the information already provided in the 2013 financial statements.

For information concerning the categories of SPEs subject to disclosure, reference should be made to the 2013 financial statements. Significant changes concerned the two segments below:

- a reduction of about 400 million euro in the securities issued by the funding SPE Intesa Funding LLC;
- in the insurance business, note the already mentioned deconsolidation of insurance SPEs, consequently to the new standard IFRS 10 coming into force;
- as part of the covered bonds issue programme of the vehicle ISP CB Ipotecario S.r.l., a new fixed-rate issue was placed on the
  institutional market for a nominal value of 1.25 billion euro with 12-year maturity;
- as part of the issue programme guaranteed by ISP CB Pubblico S.r.l., the sixth series was closed in advance for a partial amount of 1 billion euro. At the same time, Intesa Sanpaolo issued series 9 for the nominal amount of 1 billion euro with floating-rate and two-year maturity. The securities, fully subscribed by the issuer to perform Eurosystem refinancing transactions, are listed on the Luxemburg Stock Exchange and rated A2 by Moody's.

## LEVERAGED FINANCE TRANSACTIONS

Since there is no univocal and universally agreed-upon definition of leveraged finance transactions, Intesa Sanpaolo decided to include in this category the exposures (loans granted and disbursed in relation to structured financing operations, normally medium/long term) to legal entities in which the majority of share capital is held by private equity funds.

These are mainly positions in support of Leveraged Buy Out projects (therefore with high financial leverage), i.e. linked to the full or partial acquisition of companies through recourse to SPEs created for this purpose. After acquisition of the target company's shares/quotas package, these SPEs are normally merged into the target. The target companies generally have good economic prospects, stable cash flows in the medium term and low original leverage levels. Intesa Sanpaolo has financed entities of this type, as normal borrowers, without acting as sponsor.

None of these SPEs is consolidated, since the guarantees to support the transaction are solely instrumental for the granting of the financing and are never directed to the acquisition of direct or indirect control over the vehicle.

As at 31 March 2014, 119 transactions for a total amount granted of 3,534 million euro met the above definition.

These exposures are classified under the loans portfolio. They also include the portions of syndicated loans underwritten or under syndication. In line with disclosure requirements, breakdown of exposures by geographical area, economic sector and by level of subordination is set out below.



## **INFORMATION ON INVESTMENTS IN HEDGE FUNDS**

The hedge fund portfolio as at 31 March 2014 totalled 752 million euro, compared to 744 million euro recorded in December 2013. The positive difference is essentially related to the movements in the portfolio that took place in the first quarter of this year and to the valuation effect on outstanding positions.

As at the same date, the overall result of the investments in this segment was positive for 5 million euro, compared to the 70 million euro of the "Profits (Losses) on trading – caption 80" as at 31 December 2013.

The 5 million euro of net profit, recognised as at 31 March 2014 under "Profits (Losses) on trading – caption 80", included:

- 4 million euro from net valuations of positions outstanding as at the end of March 2014;
- 1 million euro representing net profit realised from the trading of fund quotas.

Net capital gains on the residual amount (5 million euro) were spread across 34 positions, 22 of which with capital gains (12 million euro) and 12 with capital losses (8 million euro).

## INFORMATION ON TRADING TRANSACTIONS IN DERIVATIVES WITH CUSTOMERS

Considering only relations with customers, as at 31 March 2014, the Intesa Sanpaolo Group, in relation to derivatives trading with retail customers, non-financial companies and public entities (therefore excluding banks, financial and insurance companies), presented a positive fair value, not having applied netting agreements, of 6,167 million euro (5,542 million euro as at 31 December 2013). The notional value of such derivatives totalled 48,898 million euro (54,087 million euro as at 31 December 2013).

Please note that the positive fair value of contracts outstanding with the 10 customers with the highest exposures was 4,138 million euro (3,610 million euro as at 31 December 2013).

Conversely, negative fair value determined with the same criteria, for the same types of contracts and with the same counterparties, totalled 586 million euro as at 31 March 2014 (606 million euro as at 31 December 2013).

The notional value of such derivatives totalled 24,464 million euro (17,627 million euro as at 31 December 2013).

The fair value of derivative financial instruments stipulated with customers was determined considering, as for all other OTC derivatives, the creditworthiness of the single counterparty ("Bilateral Credit Value Adjustment"). With regard to contracts outstanding as at 31 March 2014, this led to a negative effect of 4 million euro being recorded under "Profits (Losses) on trading" in the income statement.

## **OPERATIONAL RISK**

Operational risk is defined as the risk of suffering losses due to inadequacy or failures of processes, human resources and internal systems, or as a result of external events. Operational risk includes legal risk, that is, the risk of losses deriving from breach of laws or regulations, contractual, out-of-contract responsibilities or other disputes; strategic and reputational risks are not included.

The Intesa Sanpaolo Group has for some time defined the overall operational risk management framework by setting up a Group policy and organisational processes for measuring, managing and controlling operational risk.

With regard to Operational Risk, the Group has adopted the Advanced Measurement Approaches (AMA – internal model) to determine the associated capital requirement for regulatory purposes:

- effective from 31 December 2009, for an initial set including the Organisational Units, Banks and Companies of the Banca dei Territori Division (excluding network banks belonging to Cassa di Risparmio di Firenze Group, but including Casse del Centro), Leasint, Eurizon Capital and VUB Banka;
- effective from 31 December 2010, for a second set of companies within the Corporate and Investment Banking Division, in addition to Setefi, the remaining banks of the Cassa di Risparmio di Firenze Group and PBZ Banka;
- effective from 31 December 2011, for a third set including Banca Infrastrutture Innovazione e Sviluppo. The full demerger of the Bank in favour of the Parent Company Intesa Sanpaolo and Leasint was completed in December 2012;
- effective from 30 June 2013, for a fourth scope including several companies of the Banca Fideuram group (Banca Fideuram, Fideuram Investimenti, Fideuram Gestions, Fideuram Asset Management Ireland and Sanpaolo Invest) and two international subsidiaries of VUB Banka (VUB Leasing and Consumer Finance Holding).

The remaining companies, currently using the Standardised approach (TSA), will migrate progressively to the Advanced Measurement approaches starting from the end of 2014, based on the roll-out plan presented to the Management and Supervisory Authorities.

The control of the Group's operational risks was attributed to the Management Board, which identifies risk management policies, and to the Supervisory Board, which is in charge of their approval and verification, as well as of the guarantee of the functionality, efficiency and effectiveness of the risk management and control system.

The tasks of the Group Compliance and Operational Risk Committee include periodically reviewing the overall operational risk profile, authorising any corrective measures, coordinating and monitoring the effectiveness of the main mitigation activities and approving operational risk transfer strategies.

The Group has a centralised function within the Risk Management Department for management of the Group's operational risk. This function is responsible for the definition, implementation, and monitoring of the methodological and organisational framework, as well as for the measurement of the risk profile, the verification of mitigation effectiveness and reporting to Top Management.

In compliance with current requirements, the individual Organisational Units are responsible for identifying, assessing, managing and mitigating risks. Specific officers and departments have been identified within these business units to be responsible for Operational Risk Management (structured collection of information relative to operational events, scenario analyses and evaluation of the business environment and internal control factors).

The Integrated self-assessment process, conducted on an annual basis, allows the Group to:

- identify, measure, monitor and mitigate operational risk through identification of the main operational problem issues and definition of the most appropriate mitigation actions;
- create significant synergies with the specialised functions of the Personnel and Organisation Department that supervise the
  planning of operational processes and business continuity issues and with control functions (Compliance, Administrative and
  Financial Governance and Internal Auditing) that supervise specific regulations and issues (Legislative Decree 231/01, Law
  262/05) or conduct tests of the effectiveness of controls of company processes.

The Self-assessment process identified a good overall level of control of operational risks and contributed to enhancing the diffusion of a business culture focused on the ongoing control of these risks.

The process of collecting data on operational events (in particular operational losses, obtained from both internal and external sources) provides significant information on the exposure. It also contributes to building knowledge and understanding of the exposure to operational risk, on the one hand, and assessing the effectiveness or potential weaknesses of the internal control system, on the other hand.

The internal model for calculating capital absorption is conceived in such a way as to combine all the main sources of quantitative (operational losses) and qualitative information (self-assessment).

The quantitative component is based on an analysis of historical data concerning internal events (recorded by organisational units, appropriately verified by the central function and managed by a dedicated IT system) and external events (by the Operational Riskdata eXchange Association).

The qualitative component (scenario analyses) focuses on the forward-looking assessment of the risk exposure of each unit and is based on the structured, organised collection of subjective estimates expressed directly by management (subsidiaries, Parent Company's business areas, the Corporate Centre) with the objective of assessing the potential economic impact of particularly severe operational events.

Capital-at-risk is therefore identified as the minimum amount at Group level required to bear the maximum potential loss (worst case); Capital-at-risk is estimated using a Loss Distribution Approach model (actuarial statistical model to calculate the Value-at-risk of operational losses), applied on quantitative data and the results of the scenario analysis assuming a one-year estimation period, with a confidence level of 99.90%; the methodology also applies a corrective factor, which derives from the qualitative analyses of the risk level of the business environment, to take account of the effectiveness of internal controls in the various organizational units.

Operational risks are monitored by an integrated reporting system, which provides Management with support information for the management and/or mitigation of the operational risk.

In order to support the operational risk management process on a continuous basis, a structured training programme was fully implemented for employees actively involved in this process.

In addition the Group activated a traditional operational risk transfer policy (to protect against offences such as employee disloyalty, theft and theft damage, cash and valuables in transit losses, computer fraud, forgery, earthquakes and fire, and third-party liability), which contributes to mitigating exposure to operational risk. At the end of June, in order to allow optimum use of the available operational risk transfer tools and to take advantage of the capital benefits, pursuant to applicable regulations the Group stipulated an insurance coverage policy named Operational Risk Insurance Programme, which offers additional coverage to traditional policies, significantly increasing the limit of liability, transferring the risk of significant operational losses to the insurance market. The internal model's insurance mitigation component was approved by the Bank of Italy in June 2013 with immediate effect of its benefits on operations and on the capital requirements.

To determine its capital requirements, the Group employs a combination of the methods allowed under applicable regulations. The capital absorption resulting from this process amounts to 1,819 million euro as at 31 March 2014, unchanged compared to 31 December 2013.

## Legal risks

Legal risks are thoroughly and individually analysed by the Parent Company and Group companies. Provisions are made to the Allowances for risks and charges when there are legal obligations for which it is probable that funds will be disbursed and where the amount of the disbursement may be reliably estimated.

During the first three months of 2014, no new significant legal procedures were commenced that could lead to significant risks, and there were no important developments with respect to those underway, except for the proceedings regarding the Altroconsumo class action illustrated below.

Reference should therefore be made to the Notes to the 2013 Financial Statements for a detailed description of litigation regarding anatocism, investment services and other significant proceedings and litigation.

Altroconsumo class action - In 2010, the association Altroconsumo, acting on behalf of three account holders, served Intesa Sanpaolo with a writ of summons for a class-action suit pursuant to art. 140-bis of Legislative Decree 206/2005 (Consumer Code). The suit originally sought a finding that application of overdraft charges and the new fee for overdrawing accounts without credit facilities in place is unlawful. It also sought an inquiry into whether the "threshold rate" set out in Law 108/96 (usury) has been exceeded and a sentence enjoining the restitution of any amounts collected by the Bank in excess of that threshold. The claim had been quantified at a total of 456 euro in connection with the three accounts cited in the suit.

By order of 28 April 2010, the Court of Turin declared the suit inadmissible.

Following the complaint filed by the plaintiffs, the Turin Court of Appeal, by order of 16 September 2011, overturned the previous order, declaring the suit admissible as limited solely to account overdraft charges applied effective 16 August 2009. The Bank appealed against this ruling before the Court of Cassation, which is expected to pronounce upon the underlying reasons for the appeal.

In parallel, the class action was re-opened before the Court which by order filed on 15 June 2012 established the advertising terms and methods for the joinder of class action participants, setting the date of the hearing for continuation of the proceedings as of 14 March 2013.

As at 28 January 2013, the deadline for submission of applications for joinder, there were only 104 participants.

In a judgement filed on 10 April 2014, on the one hand the Court declared the invalidity of the clause regarding the account overdraft charge applied to the current accounts of the subjects who promoted the action, and, on the other hand, it declared the inadmissibility of all the participants, except for three, and consequently ordered the Bank to reimburse the plaintiffs and the three participants the total amount of 1,173.55 euro.

Although the case had a negligible impact in economic terms, Intesa Sanpaolo will appeal as it is convinced that its claims are founded.

## Tax litigation

With regard to pending tax litigation and the related risks and provisions, detailed information is provided in the Notes to the 2013 consolidated financial statements (Part E).

Six new positions were started in the first quarter of 2014, totalling about 14.6 million euro, including sanctions, referring to loans granted abroad, for which the lack of actual economic risk is confirmed due to both the groundlessness of the relevant legal requisites and the presence of specific clauses for recourse against the funded parties.

Three new complaints were also notified in the same period, concerning the contribution of branches in Cariparma-Credit Agricole by ISP, Carifirenze and Cariveneto, with subsequent sale of the shares received, which the Agenzia delle Entrate continues to ban, according to an anti-evasion approach, and reclassify as a single trading case which gradually took shape, equivalent to the transfer of a business line. The claims of the financial authorities amount to 10.4 million euro, 1.7 million euro and 2.2 million euro, for tax and interest, without applying any sanction, with regard to which it is worth to recall the positive result obtained for a similar case with the Lombardy Regional Tax Committee, which declared as unlawful the requalification in unit terms of a variety of legal acts supported by one's own and autonomous contractual reasons, expressly denying the evasiveness of the case.

## **INSURANCE RISKS**

#### Life business

The typical risks of the life insurance portfolio may be divided into three main categories: premium risks, actuarial and demographic risks and reserve risks.

Premium risks are managed initially during definition of the technical features and product pricing, and over the life of the instrument by means of periodic checks on sustainability and profitability (both at product level and at portfolio level, including liabilities).

Actuarial and demographic risks are controlled by means of systematic statistical analysis of the evolution of liabilities in its own contract portfolio, divided by risk type, and through simulations of expected profitability of the assets hedging technical reserves. Reserve risk is guarded against through the exact calculation of mathematical reserves, with a series of detailed checks as well as overall verifications, by comparing results with the estimates produced on a monthly basis.

The mathematical reserves are calculated on almost the entire portfolio, on a contract-by-contract basis, and the methodology used to determine the reserves takes account of all the future commitments of the company.

#### Non-life business

The risks of the non-life insurance portfolio are essentially premium risk and reserve risk.

Premium risks are managed initially during definition of the technical features and product pricing, and over the life of the instrument by means of periodic checks on sustainability and profitability (both at product level and at portfolio level, including liabilities).

Reserve risk is guarded against through the exact calculation of technical reserves.

#### Financial risks

In line with the growing focus in the insurance sector on the issues of value, risk and capital in recent years, a series of initiatives has been launched with the objective of both strengthening risk governance and managing and controlling financial risks.

With reference to investment portfolios, set up both as coverage of obligations with the insured and in relation to free capital, the Investment Framework Resolution is the main control and monitoring instrument for market and credit risks.

The Resolution defines the goals and the operating limits that are needed to distinguish the investments in terms of eligible assets and asset allocation, breakdown by rating classes and credit risk, concentration risk by issuer and sector, market risks, in turn measured in terms of sensitivity to variations in risk factors and Value at Risk (VaR).

## **Investment portfolios**

The investments of the insurance companies of Intesa Sanpaolo Group (Intesa Sanpaolo Vita, Intesa Sanpaolo Assicura, Intesa Sanpaolo Life and Fideuram Vita) are made with their free capital and to cover contractual obligations with customers. These refer to traditional revaluable life insurance policies, Index- and Unit-linked policies, pension funds and non-life policies.

As at 31 March 2014, the investment portfolios of Group companies, recorded at book value, amounted to 112,202 million euro. Of these, the part of 62,520 million euro relates to traditional revaluable life policies, the financial risk of which is shared with the policyholders by virtue of the mechanism whereby the returns on assets subject to segregated management are determined, non-life policies and free capital. The other component, whose risk is borne solely by the policyholders, consists of investments related to Index-linked policies, Unit-linked policies and pension funds and amounted to 49,682 million euro.

Considering the various types of risks, the analysis of investment portfolios, described below, concentrates on the assets held to cover traditional revaluable life policies, non-life policies and free capital.

In terms of breakdown by asset class, net of derivative financial instruments, 93.7% of assets, i.e. approximately 58,923 million euro, were bonds, whereas assets subject to equity risk represented 1.2% of the total and amounted to 753 million euro. The remainder (3,216 million euro) consisted of investments relating to UCI, Private Equity and Hedge Funds (5.1%).

The carrying value of derivatives came to approximately -372 million euro, almost entirely relating to effective management derivatives<sup>3</sup>. The hedging derivatives amounted to a total of approximately -6 million euro.

At the end of the first three months of 2014, investments made with the free capital of Intesa Sanpaolo Vita and Fideuram Vita amounted to approximately 2,440 million euro at market value, and presented a risk in terms of VaR (99% confidence level, 10-day holding period) of approximately 77 million euro.

The modified duration of the bond portfolio, or the synthetic financial term of assets, is approximately 5.5 years. The reserves relating to the revaluable contracts under Separate Management have an average modified duration of approximately 5.7 years. The related portfolios of assets have a modified duration of around 4.8 years.

The breakdown of the bond portfolio in terms of fair value sensitivity to interest rate changes showed that a +100 basis points parallel shift in the curve leads to a decrease of approximately 3,097 million euro. On the basis of this hypothetical scenario, the value of hedging derivatives in the portfolio undergoes an approximate 3 million euro rise which partly offsets the corresponding loss on the bonds.

The distribution of the portfolio by rating class is as follows. AAA/AA bonds represented approximately 5.7% of total investments and A bonds approximately 3.7%. Low investment grade securities (BBB) were approximately 82.0% of the total and the portion of speculative grade or unrated was minimal (approximately 2.0%).

A considerable portion of the BBB area is made up of securities issued by the Republic of Italy.

The analysis of the exposure in terms of the issuers/counterparties produced the following results: securities issued by Governments and Central banks approximately made up 75.6% of the total investments, while financial companies (mostly banks) contributed almost 13.9% of exposure and industrial securities made up approximately 4.2%.

<sup>&</sup>lt;sup>3</sup> ISVAP Regulation 36 of 31 January 2011 on investments defines "effective management derivatives" as all derivatives aimed at achieving pre-established investment objectives in a faster, easier, more economical or more flexible manner than would have been possible acting on the underlying assets.

At the end of the first quarter of 2014, the fair value sensitivity of bonds to a change in issuer credit rating, intended as a market credit spread shock of +100 basis points, was 3,199 million euro, with 2,733 million euro due to government issuers and 466 million euro to corporate issuers (financial institutions and industrial companies).