

## Risk Management

In tandem with changes in business environments and advancements in financial technologies, both the scale and diversity of the risks financial institutions face today are expanding rapidly. In such an environment it is crucial to maintain sound management by assessing when and to what degree specific risks may surface and by developing appropriate responses to those risks.

The Osaka City Shinkin Bank recognizes risk management to be its most important management issue. To assess and manage latent risks more precisely, the Bank is implementing centralized management of risk, including the monitoring of its capital adequacy ratio. Each type of risk is to be managed in an appropriate and timely manner. These initiatives are intended for the construction of a solid management base.

### Basic Policy on Risk Management

The Osaka City Shinkin Bank's general approach to risk management is described in the Bank's Basic Risk Management Policy. Our organization for risk management is similarly described in a document called The Osaka City Shinkin Bank Risk Management System.

Within this framework, the Bank assigns teams of specialists to manage the wide spectrum of risks it faces, according to the characteristics of each type of risk. The Risk Generalization Department provides centralized appraisal of risks facing the Bank as a whole, keeping risk within an acceptable scope. The Department accomplishes this daunting task by promoting overall risk management through careful risk quantification.

The Bank is determined to strengthen its internal control mechanisms, giving them the effectiveness to handle risks of varying types and degrees. For this reason, an organizationally independent auditing sector carefully examines and monitors the actual status of risk management at the Bank.

### General Risk Management

The Bank manages risk to ensure that it does not accept levels of risk exceeding its capacity to absorb them. The Bank does this by making a capital provision for each category of risk within the basic tier of capital adequacy, i.e. market risk, credit risk and operational risk, and controlling the quantity of risk through measurement.

The Bank furthermore maintains a surplus-owned capital buffer to prepare for unforeseen risks.

The Bank is working to quantify value at risk (VaR)\*<sup>1</sup> in market risk and credit risk. To manage operational risk,\*<sup>2</sup> the Bank selects a basic approach and calculates the amount of risk.

To manage market risk, the Bank measures on a daily basis the amount of interest risk according to VaR, price fluctuation risk, and exchange rate risk. The Bank also measures the interest risk of profit margin moneys (loans, deposits, and the like) on a monthly basis and keeps the amount of risk it takes on within the range of its risk capital.

For credit risk, the Bank uses a system for quantifying credit risk to calculate VaR in credit risk.

Notes:

\*<sup>1</sup> Value at Risk (VaR)

VaR is the maximum possible future loss at a specified range of probability. It is used to manage risk through statistical measurement. The Bank deals and measures market risk and credit risk using a 99% confidence level, a data observation period of one year and a holding period of one year (250 operating days).

\*<sup>2</sup> Operational risk

Operational risk is the risk of loss caused by administrative accidents, system failure, illegal acts, and the like.

### Credit Risk Management

Credit risk is the risk that principal and/or interest of loans to enterprises and individuals may not be recovered.

The Bank recognizes credit risk as the most important of all the risks to be managed in its operations. The Credit Risk Management Regulations we have established clearly stipulate our credit policy in lending operations. We strive to maximize our control of credit risk by managing loans so they are not concentrated in certain corporations or corporate groups, and by grasping how loans are distributed among different business sectors.

The Bank ascertains factors such as business conditions and quantifies credit risk of borrowers using a credit risk quantification system, and properly manages changes in the risk of loan assets.

To ensure the soundness of its loan portfolio, the Bank separates its loan examination sector from its financial promotion sector, installing a system of checks and balances.

Furthermore, the Management Improvement Support Team of the Audit Dept. actively provides assistance with management improvements to business partners experiencing poor performance.

### Liquidity Risk Management

Liquidity risk is the potential that market conditions may change to impede fundraising. To respond to this sort of risk, the Osaka City Shinkin Bank categorizes the stringency of prevailing cash flow as "normal," "difficult" or "critical." Appropriate management methods are devised for each, so that effective action can be taken quickly.

Specifically, at the beginning of each fiscal year the ALM Committee determines the "liquidity risk amount" as a standard for the amount of highly liquid current assets the Bank must secure. The Bank then uses this figure to secure a sufficient reserve.

### Market Risk Management

Market risk is the potential of uncertainty of profit due to market fluctuations, including variations in interest rates, bond prices and yields, share prices and exchange rates. Recognizing the impact that market risk can have on operations, the Bank is working hard to implement an appropriate market risk management structure. One of its approaches is to introduce absorption assets to its general risk management system, which effectively caps market risk. To measure market risk, the Bank introduced value-at-risk (VaR) measurement and is now striving to assess risk on this basis.