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IMPROVING THE RISK MANAGEMENT SYSTEM IN INSURANCE COMPANIES

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Abstract. Risk management is a fundamental component of insurance company operations, directly influencing financial stability, solvency, and long-term sustainability. In the modern financial environment, insurers face various risks, including underwriting risk, market risk, credit risk, operational risk, and liquidity risk. This study analyzes the current state of risk management systems in insurance companies in Uzbekistan and proposes strategic approaches for improvement. Using regulatory review, case studies, and international best practices, the research finds that implementing enterprise risk management (ERM), stress testing, digital risk monitoring tools, and governance integration significantly enhances resilience. The study concludes that strengthening risk culture, improving internal controls, and aligning with international standards are essential for ensuring effective risk management in the insurance sector.

Keywords: risk management, insurance companies, enterprise risk management, solvency, underwriting risk, financial stability, internal control, Uzbekistan, governance, stress testing

Introduction

Risk management is at the core of insurance activity because insurers assume financial risks in exchange for premiums. Effective risk management ensures that insurance companies can meet their obligations to policyholders while maintaining profitability and stability. In today's dynamic environment, insurers must manage diverse and complex risks, including underwriting risk, investment risk, operational risk, cyber risk, and regulatory risk.

In Uzbekistan, the development of the insurance market has increased the need for advanced risk management systems. Regulatory reforms require insurers to maintain solvency ratios, establish internal control mechanisms, and adopt structured risk assessment processes. However, some companies still rely on traditional approaches rather than comprehensive enterprise risk management (ERM) frameworks.

Improving risk management systems enhances decision-making, protects financial resources, strengthens market confidence, and ensures long-term sustainability. This study explores key mechanisms for strengthening risk management practices in insurance companies and evaluates their impact on financial and operational performance.

Literature Review

International research emphasizes the importance of enterprise risk management in financial institutions. The OECD (2023) highlights that ERM frameworks integrate risk identification, assessment, mitigation, and monitoring into strategic planning. The International Association of Insurance Supervisors (IAIS, 2024) identifies risk management as a core principle for ensuring solvency and consumer protection in insurance markets.

Swiss Re Institute (2023) notes that insurers with advanced risk monitoring systems and stress-testing capabilities demonstrate greater resilience during financial shocks and natural disasters.

In Uzbekistan, Abdullaev & Karimov (2022) observe that risk management practices are improving but require stronger internal controls and digital monitoring tools. Rakhimov (2023) emphasizes that integrating risk culture into organizational strategy is essential for sustainable performance.

Methodology

The study employs qualitative and analytical methods. It reviews regulatory requirements for risk management in Uzbekistan, analyzes annual reports of insurance companies, and examines academic and industry publications. Case studies were used to evaluate underwriting controls, capital adequacy monitoring, stress testing, and internal audit systems. International benchmarks were applied to assess gaps and opportunities for improvement.

Results and Discussion

The analysis shows that implementing structured risk management systems significantly enhances financial resilience and operational efficiency in insurance companies. Companies adopting enterprise risk management frameworks demonstrate better identification and mitigation of underwriting and market risks.

Stress testing and scenario analysis improve preparedness for economic shocks, natural disasters, and unexpected claim surges. Strengthening internal controls and audit mechanisms reduces operational and fraud risks. Digital tools and data analytics enhance real-time monitoring and improve risk assessment accuracy.

Despite progress, several challenges remain. Smaller insurers may lack financial and technical resources to implement advanced ERM systems. Risk culture within organizations may not be fully integrated into strategic decision-making. Cybersecurity risks are increasing due to digitalization, requiring enhanced protection measures.

International best practices suggest that effective risk management requires board-level oversight, continuous monitoring, transparent reporting, and alignment with solvency regulations. Integrating risk management with corporate governance and financial planning further strengthens sustainability.

Conclusion and Recommendations

Improving risk management systems is essential for ensuring the stability, solvency, and competitiveness of insurance companies. In Uzbekistan, progress has been made, but further institutional strengthening is needed to meet international standards.

Key recommendations include:

1. Implementing comprehensive enterprise risk management (ERM) frameworks.
2. Conducting regular stress testing and scenario analysis to assess financial resilience.
3. Strengthening internal control and audit systems.
4. Enhancing digital risk monitoring and cybersecurity protection.
5. Promoting risk awareness and training among employees and management.
6. Integrating risk management with strategic planning and governance structures.
7. Aligning national regulations with international risk management standards.

By adopting these measures, insurance companies in Uzbekistan can improve risk resilience, ensure compliance, protect policyholders, and maintain sustainable growth in a competitive financial environment.

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