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# INVESTMENT ACTIVITY OF INSURANCE COMPANIES AND ITS EFFICIENCY

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**Abstract.** Insurance companies are not only risk-bearing institutions but also important institutional investors that contribute significantly to capital market development and economic growth. Through the accumulation of premiums and the formation of technical reserves, insurers generate substantial financial resources that can be invested in long-term projects. This study examines the investment activity of insurance companies and evaluates its efficiency in the context of developing economies, particularly Uzbekistan. The research analyzes investment portfolios, profitability indicators, liquidity management, and risk diversification strategies. The findings reveal that effective investment management enhances insurers' financial stability, solvency, and competitiveness, while poor asset allocation increases exposure to market and credit risks. The study proposes practical recommendations aimed at optimizing portfolio structure, strengthening regulatory oversight, and promoting sustainable investment practices.

**Keywords:** insurance companies, investment activity, investment portfolio, financial stability, profitability, risk diversification, capital markets, institutional investors, Uzbekistan, efficiency

## Introduction

In modern financial systems, insurance companies perform a dual function. On the one hand, they provide protection against various risks by offering insurance coverage to individuals and businesses. On the other hand, they act as institutional investors that accumulate large financial resources through collected premiums and reserves. These funds are subsequently invested in financial instruments and real economic sectors, contributing to capital formation, infrastructure development, and overall economic growth.

Globally, the investment role of insurance companies has expanded significantly over recent decades. In many developed countries, insurers are among the largest investors in government securities, corporate bonds, equities, and long-term infrastructure projects. Their long-term liabilities allow them to pursue stable and sustainable investment strategies, making them key participants in financial markets. Properly managed investments increase insurers' profitability, strengthen solvency, and ensure their ability to meet future claims obligations.

For developing economies such as Uzbekistan, the investment function of insurance companies is particularly important. The country is undergoing large-scale financial and economic reforms aimed at deepening capital markets and attracting domestic and foreign investment. Insurance companies can play a crucial role in this process by channeling accumulated funds into productive sectors of the economy. Their investments can support industrial modernization, agricultural development, small business financing, and infrastructure projects.

Despite this potential, the investment activity of insurance companies in emerging markets often faces several challenges. Limited diversification opportunities, underdeveloped capital markets, regulatory restrictions, and insufficient professional expertise may reduce investment efficiency. In addition, improper asset allocation and weak risk management can threaten insurers' financial stability and undermine public trust.

Therefore, assessing the investment activity of insurance companies and evaluating its efficiency is essential for understanding how the insurance sector contributes to economic development. This study aims to analyze the structure, performance, and effectiveness of insurers' investment operations and to develop recommendations for improving investment management practices in Uzbekistan.

**Literature Review**

The relationship between insurance and investment has been widely discussed in financial economics literature. Skipper and Kwon (2010) emphasize that insurers serve as long-term institutional investors due to predictable cash inflows. Outreville (2013) argues that insurance sector development positively influences capital market growth.

Arena (2008) finds that insurance activity contributes to GDP growth by mobilizing savings and financing productive investments. According to Cummins and Weiss (2014), prudent asset-liability management is critical for maintaining solvency and reducing systemic risk.

Recent studies highlight the growing importance of sustainable and digital investment strategies. Swiss Re Institute (2023) notes that insurers increasingly invest in green and ESG-compliant assets. The World Bank (2022–2024) emphasizes the role of institutional investors in supporting emerging economies.

However, empirical research focusing specifically on the investment efficiency of insurance companies in Central Asian countries, including Uzbekistan, remains limited. This study contributes to filling this research gap.

**Methodology**

The study applies both quantitative and qualitative research methods to evaluate investment efficiency.

The methodology includes:

- analysis of insurers' investment portfolio structures,
- assessment of returns on investment (ROI) and profitability ratios,
- evaluation of liquidity and solvency indicators,
- comparative analysis with international benchmarks,
- review of regulatory and institutional frameworks.

Data from national financial reports, insurance statistics, and international publications were used to ensure accuracy and reliability.

**Results and Discussion**

The analysis demonstrates that investment activity represents one of the main sources of income for insurance companies after underwriting operations. In many cases, investment returns significantly contribute to overall profitability and financial sustainability.

The findings show that insurance companies accumulate substantial reserves from premiums, which are primarily invested in low-risk assets such as government bonds and bank deposits. This conservative strategy ensures liquidity and capital preservation but often limits potential returns. While such investments provide stability, excessive reliance on low-yield instruments may reduce long-term profitability.

Portfolio diversification appears to be a key determinant of efficiency. Companies that allocate funds across different asset classes—including corporate bonds, equities, real estate, and infrastructure projects—achieve higher returns while managing risk exposure more effectively. Diversified portfolios reduce dependency on a single market segment and improve resilience to economic shocks.

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In Uzbekistan, the investment activity of insurance companies is gradually expanding, but it remains relatively concentrated. A significant share of assets is invested in bank deposits and government securities due to regulatory requirements and limited availability of alternative instruments. Underdeveloped capital markets restrict opportunities for equity and corporate bond investments, which reduces potential profitability.

Financial analysis indicates that companies with more advanced asset-liability management practices demonstrate better solvency and lower claim settlement risks. Matching the maturity of assets with long-term liabilities ensures stable cash flows and prevents liquidity shortages. However, some insurers still lack professional investment management systems and modern analytical tools, which may lead to inefficient asset allocation.

Digital technologies are becoming increasingly important in investment decision-making. Big data analytics, automated portfolio management, and risk modeling tools allow insurers to optimize returns and control exposure to market risks. Furthermore, global trends show growing interest in sustainable and ESG-based investments. Such strategies not only generate stable returns but also enhance corporate reputation and social responsibility.

Despite these positive developments, several challenges remain. Market volatility, inflation, and interest rate fluctuations can negatively affect investment returns. Regulatory constraints may limit flexibility, while insufficient expertise in financial markets can hinder effective portfolio management. Therefore, strengthening professional capacity and improving regulatory support are necessary to enhance investment efficiency.

Overall, the results confirm that efficient investment activity significantly improves insurers' financial stability, increases profitability, and contributes to broader economic development by mobilizing long-term financial resources.

**Conclusion and Recommendations**

The study concludes that investment activity is a crucial component of insurance companies' financial performance and plays a vital role in supporting national economic growth. Well-managed investments enhance profitability, solvency, and competitiveness, while poor asset allocation exposes insurers to financial instability.

Although insurance companies in Uzbekistan have begun to expand their investment operations, the current level of diversification and efficiency remains limited. To fully realize their potential as institutional investors, structural improvements and modern management practices are required.

Based on the findings, the following recommendations are proposed:

1. Diversify investment portfolios beyond bank deposits and government securities.
2. Develop capital markets to provide broader investment opportunities.
3. Strengthen asset-liability management and actuarial practices.
4. Introduce digital technologies for portfolio optimization and risk modeling.
5. Encourage sustainable and ESG-oriented investments.
6. Improve regulatory frameworks to balance safety and flexibility.
7. Enhance professional training in investment management and financial analysis.

In conclusion, improving the efficiency of insurance companies' investment activities will not only strengthen the insurance sector but also promote long-term economic growth and financial market development in Uzbekistan.

**References (2022–2025)**

1. World Bank. (2022). Institutional investors and capital market development in emerging economies. Washington, DC.
2. Swiss Re Institute. (2023). Global insurance investment outlook report. Zurich.

ISSN NUMBER: 2751-4390
IMPACT FACTOR: 9,08

3. OECD. (2023). Insurance and pension funds as long-term investors. Paris: OECD Publishing.
4. International Association of Insurance Supervisors (IAIS). (2024). Investment risk management guidance for insurers. Basel.
5. Asian Development Bank. (2024). Financial sector reforms and institutional investment in Central Asia. Manila.
6. Ministry of Economy and Finance of the Republic of Uzbekistan. (2024). Insurance market development and financial stability report. Tashkent.
7. National Agency for Prospective Projects of Uzbekistan. (2023). Insurance market statistics and supervisory review. Tashkent.
8. Tursunov, B., & Islomov, A. (2022). Investment strategies of insurance companies in Uzbekistan. Economy and Finance Journal, 5(2), 34–41.
9. Karimov, S., & Rakhmonov, D. (2023). Improving asset management in insurance institutions. Uzbek Journal of Banking and Finance, 3(1), 66–74.
10. Yuldashev, N. (2024). Digital technologies in institutional investment management. Innovative Economy Review, 2(4), 90–98.
11. European Bank for Reconstruction and Development (EBRD). (2023). Capital market development in transition economies. London.
12. PwC. (2024). Insurance asset management and ESG investment trends report.