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**June 2024**

**Title** An Analysis of Health Sector Funding for Drugs and Vaccines in Machakos County's Level 4 and 5 Facilities

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**Abstract** The Program Based Budget (PBB) is a critical document that outlines financial allocations to various programs and sub-programs within a fiscal year. This study examines the budget allocations for medical supplies, including drugs, vaccines, and treatments for TB, HIV, and AIDS, at Level 4 and 5 public health facilities in Machakos County for the financial years 2022/23, 2023/24, and 2024/25. The analysis reveals significant fluctuations in budget allocations without clear justification, posing challenges for oversight and public understanding.

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**Context Analysis** As of May 29th, 2024, all 47 counties in Kenya owe the Kenya Medical Supplies Agency (Kemsu) a total of Ksh 2.88 billion, with Machakos County owing Ksh 122,002,757. This debt has led to a shortage of essential life-saving drugs in at least 27 counties, including Machakos. Data from KEMSA CEO during an exclusive interview on Daily Nation. <https://nation.africa/kenya/health/drug-shortage-hits-county-hospitals-4640496>

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## **Research Methodology**

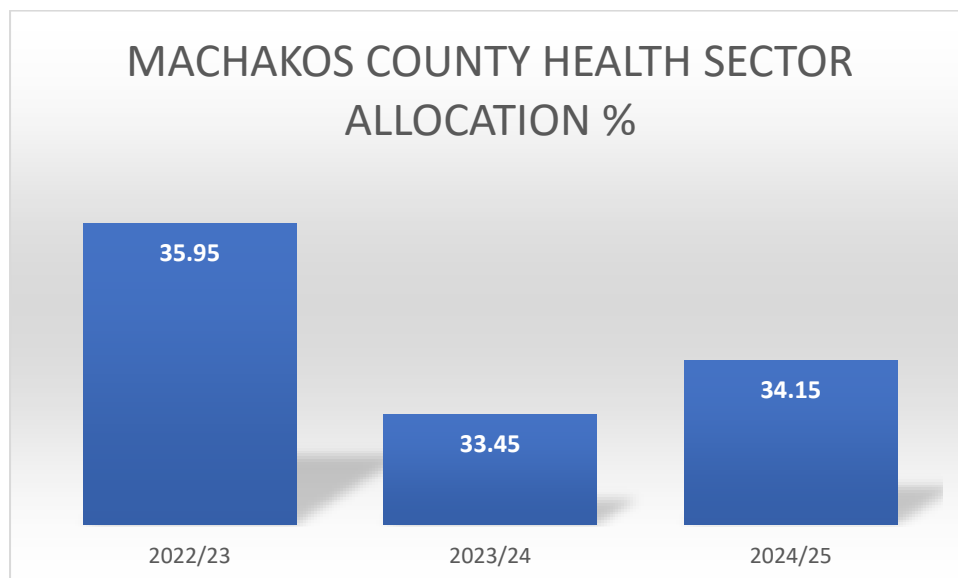
This study adopted desktop research to analyze program-based budgets for financial years 2022/23, 2023/24 and 2024/25, focusing on recurrent expenditure estimates for health sector allocations. The target facilities include:

- Machakos Level 5
- Kangundo Level 4
- Matuu Level 4
- Kathiani Level 4
- Mwala Level 4
- Kimiti Level 4
- Masinga Level 4

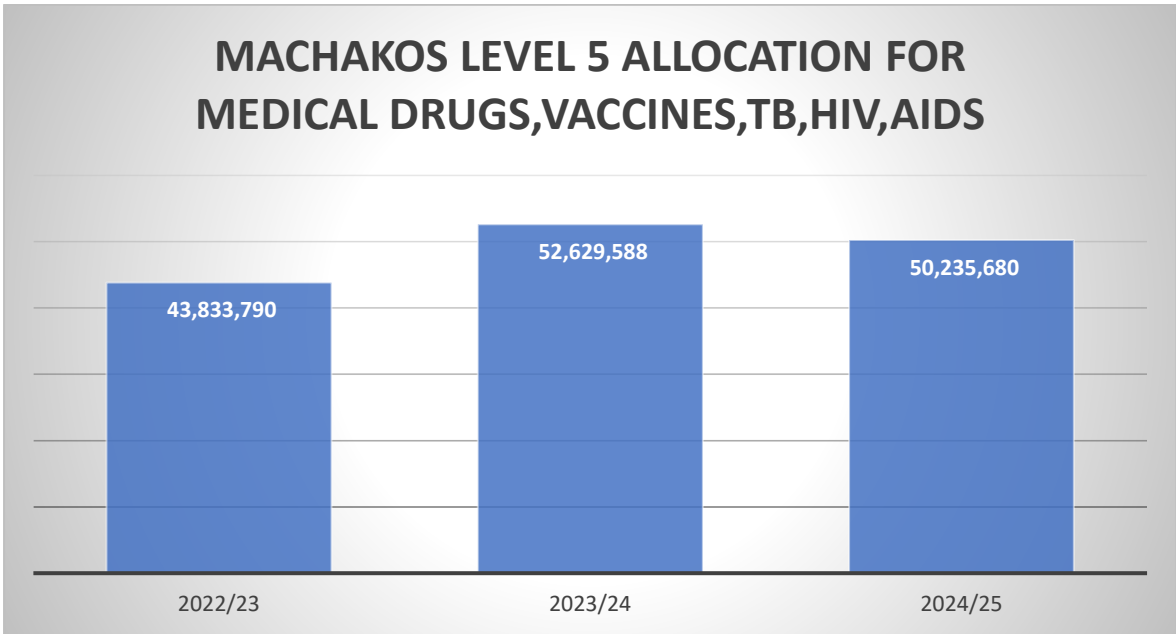
- Athi River Level 4
  - Mutituni Level 4
  - Ndithini Level 4
  - Kalama Level 4
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## Research Findings

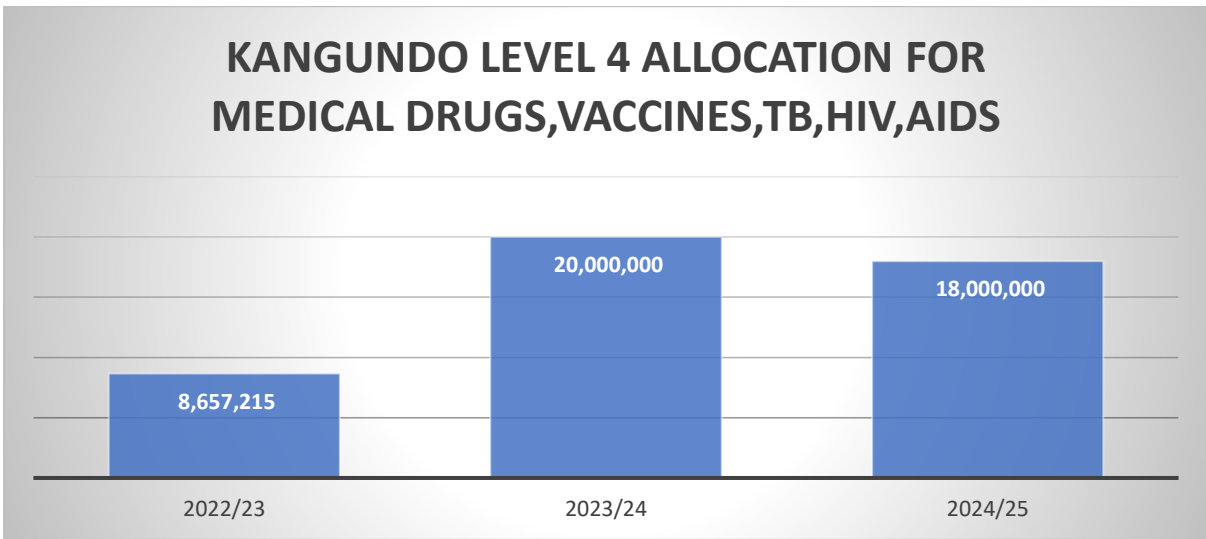
On average Machakos county has allocated 34.51% to the health sector in the three years between financial years 2022/23, 2023/24 and 2024/25. However, the budget for medical supplies at various facilities showed significant increases in 2023/24 followed by declines in 2024/25, with no clear justification provided.



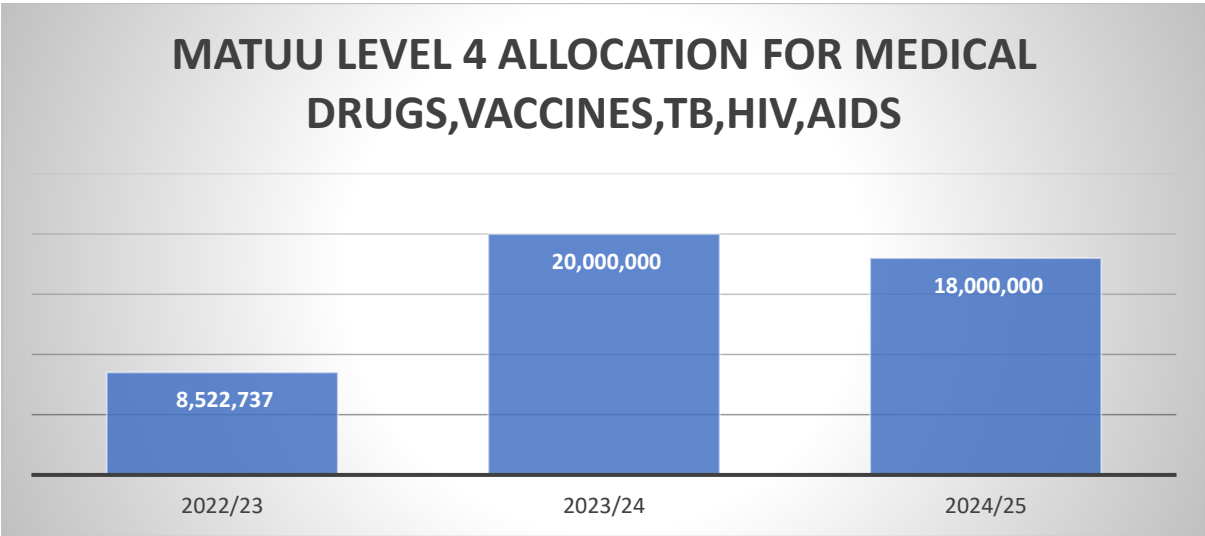
- **Machakos Level 5 Facility:** Significant increase of Ksh 8,795,798 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 2,393,908 in FY 2024/25 compared to FY 2023/24.



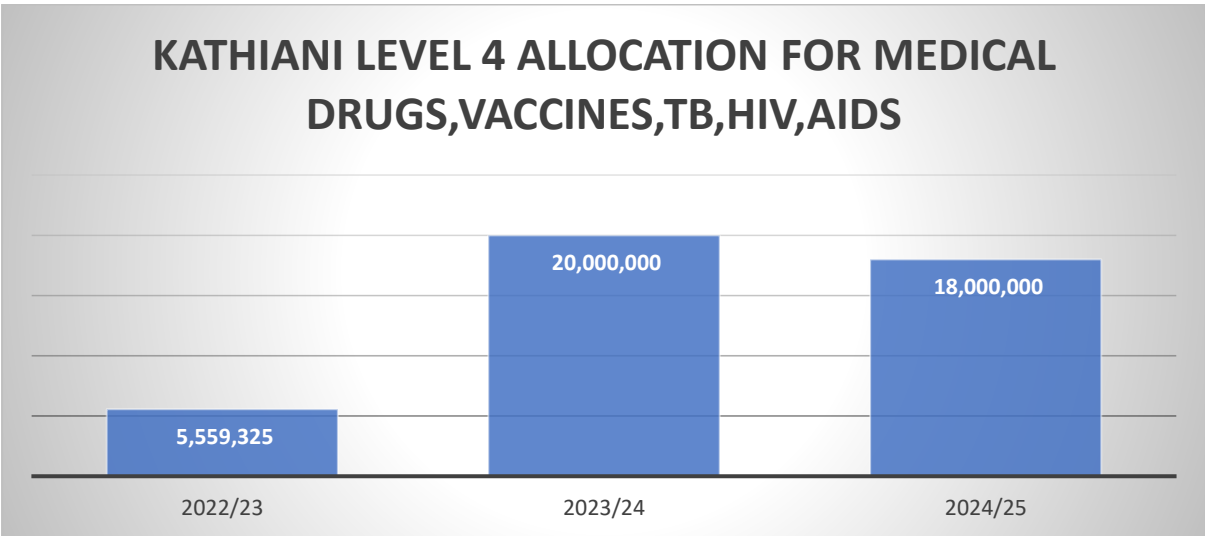
- **Kangundo Level 4 Facility:** Significant increase of Ksh 11,342,785 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 2,000,000 in FY 2024/25 compared to FY 2023/24.



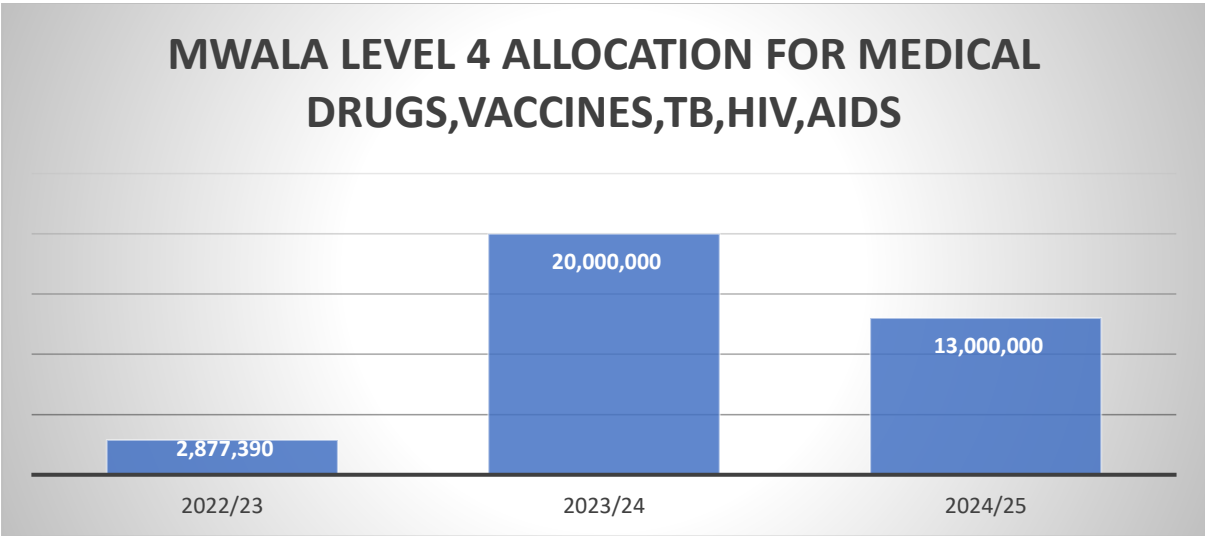
- **Matuu Level 4 Facility:** Significant increase of Ksh 11,477,263 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 2,000,000 in FY 2024/25 compared to FY 2023/24.



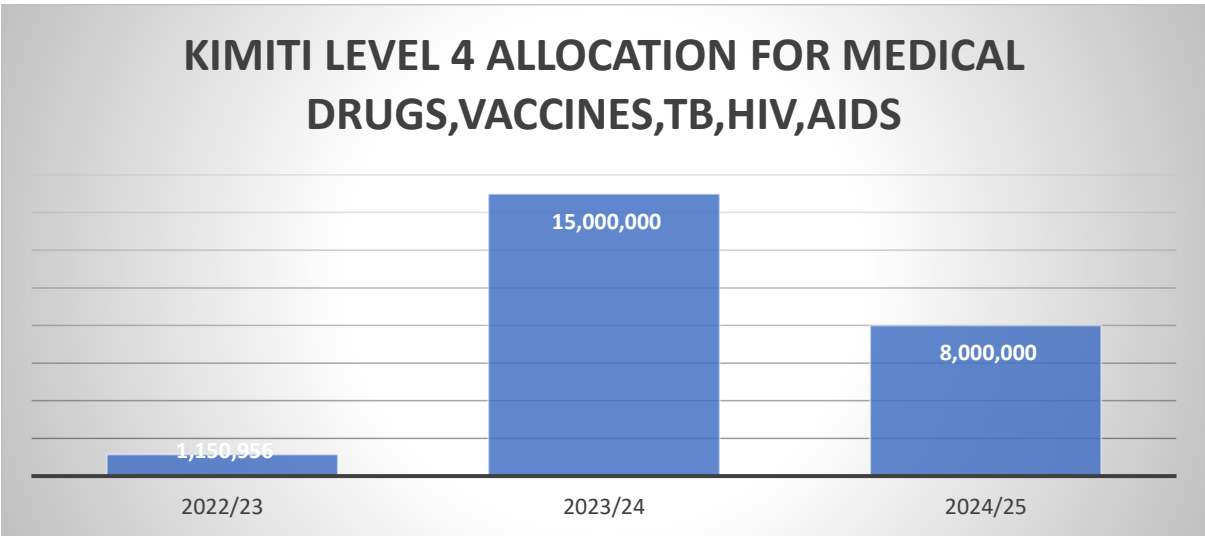
- **Kathiani Level 4 Facility:** Significant increase of Ksh 14,440,675 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 2,000,000 in FY 2024/25 compared to FY 2023/24.



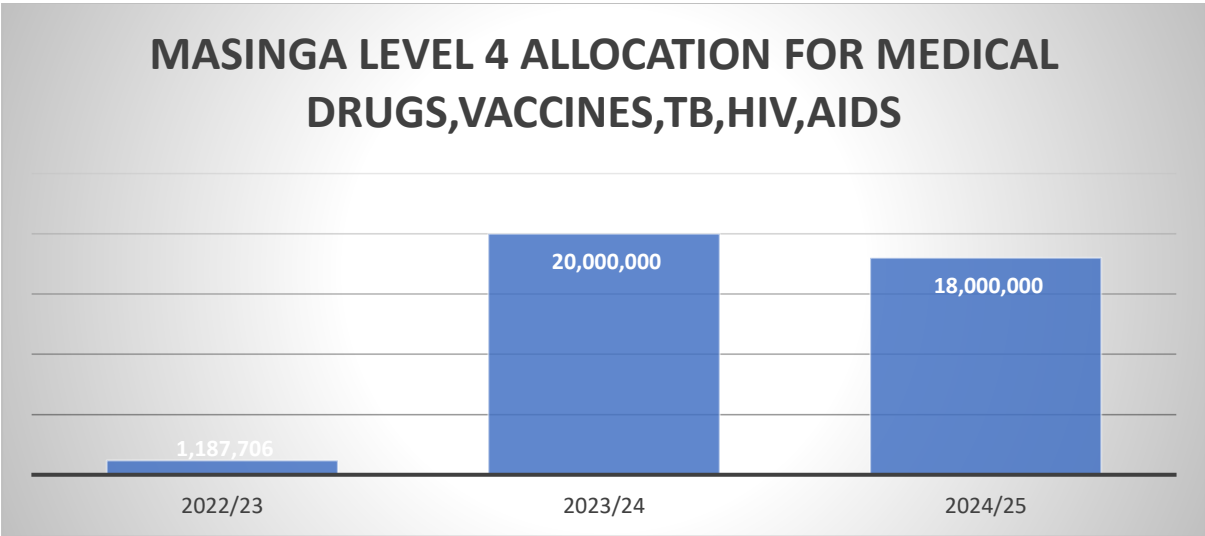
- **Mwala Level 4 Facility:** Significant increase of Ksh 17,122,610 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 7,000,000 in FY 2024/25 compared to FY 2023/24.



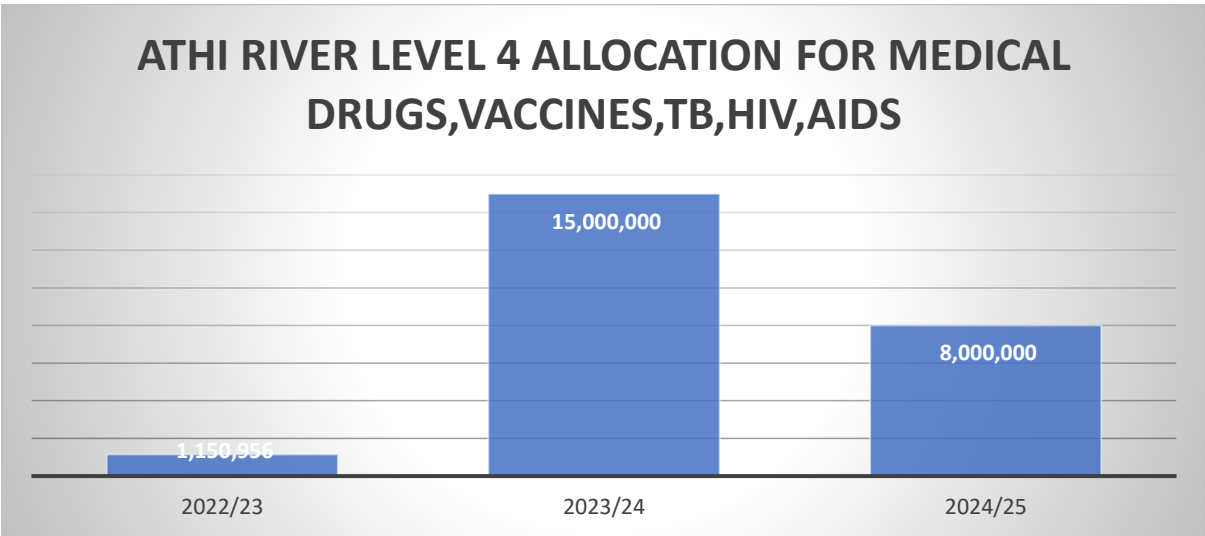
- **Kimiti Level 4 Facility:** Significant increase of Ksh 13,849,044 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 7,000,000 in FY 2024/25 compared to FY 2023/24.



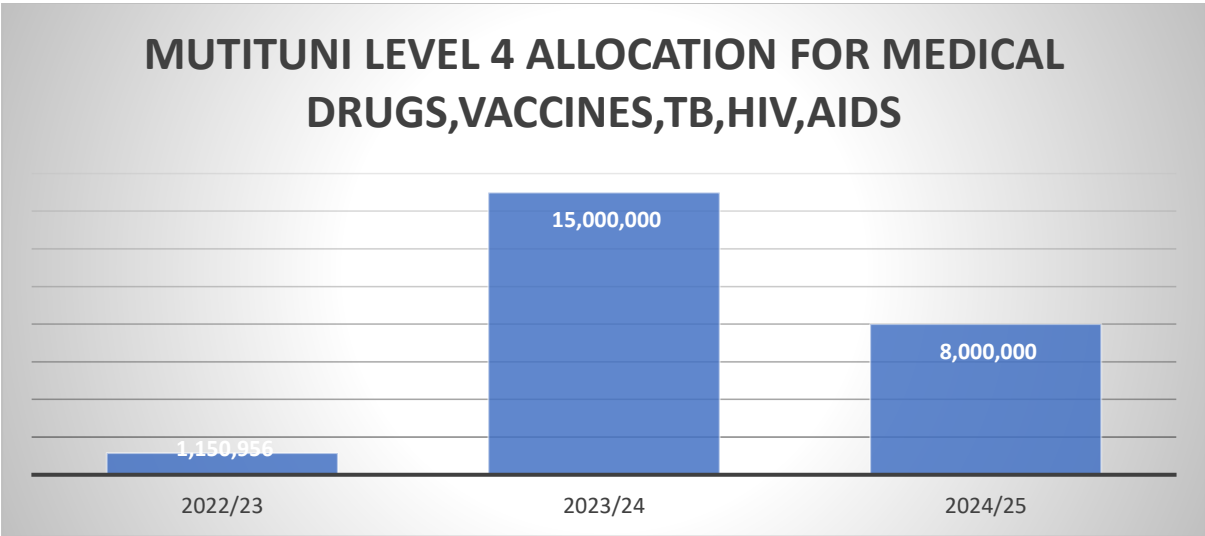
- **Masinga Level 4 Facility:** Significant increase of Ksh 18,812,294 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 2,000,000 in FY 2024/25 compared to FY 2023/24.



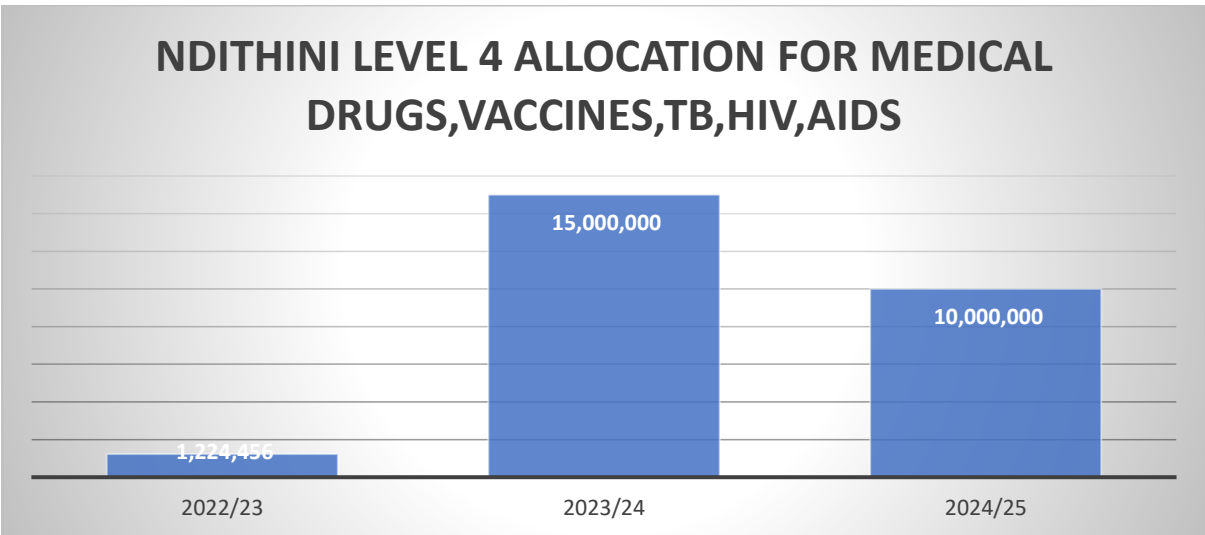
- **Athi River Level 4 Facility:** Significant increase of Ksh 13,849,044 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 7,000,000 in FY 2024/25 compared to FY 2023/24.



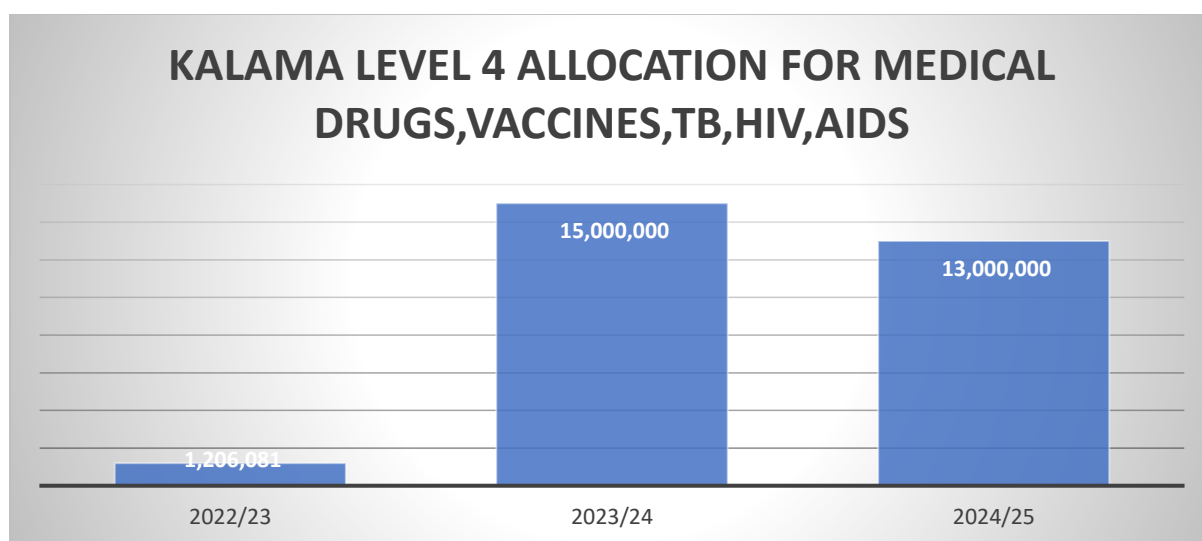
- **Mutituni Level 4 Facility:** Significant increase of Ksh 13,849,044 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 7,000,000 in FY 2024/25 compared to FY 2023/24.



- **Ndithini Level 4 Facility:** Significant increase of Ksh 13,775,544 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 5,000,000 in FY 2024/25 compared to FY 2023/24.



- **Kalama Level 4 Facility:** Significant increase of Ksh 13,793,919 towards supplies of medical drugs, vaccines, TB, HIV, AIDS when comparing FY 2022/23 and FY 2023/24 budget allocation. Decline of Ksh 2,000,000 in FY 2024/25 compared to FY 2023/24.



## Recommendations

To address the issues identified in the study, the following recommendations are proposed:

1. Department of Finance and Department of Health at the executive level and Budget and Appropriation Committees as well Health Committee at County Assembly should establish accessible channels for citizens to provide feedback on healthcare services and budgetary needs, ensuring their voices are heard and considered in budget allocations.
2. There are significant increases towards budget allocation between financial year 2022/23 and 2023/24 as well as significant decreases in budget allocation between the financial year 2023/24 and 2024/25. It is prudent for the county government to provide justification on decrease and increase of budget allocation towards supplies of medical drugs, vaccines, TB, HIV, AIDS.



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## **Conclusion**

The study highlights the need for improved transparency and justification in the budget allocations for medical supplies in Machakos County. By implementing the recommended strategies, involving communities, strengthening institutional processes, and enhancing CSO involvement, the county can ensure better health outcomes and more responsible use of public funds.