



Miners and the Discovery of Mosquito Weaponry

RBM MSWG, August 2022



How it all began...

- In 2005, AngloGold Ashanti, the third largest gold mining company in the world identified malaria as the biggest public health threat to its operations in sub-Saharan Africa.
- The Mine Hospital in Obuasi recorded over 6,800 malaria cases per month out of which about 2,500 were mine workers
- An average of 3 working days taken off per each malaria bout translated into about 7,500 man shift lost per month = 60,000 work hours lost per month
- Slow work rate during recuperation resulted in loss of productivity
- Cost of malaria medication for the treatment of AGA workers was over US\$55,000 annually

Launching an Intervention

- In April 2006, the mine launched a comprehensive Integrated Malaria Control program.
- Malaria was a menace impacting negatively on workforce productivity, school attendance, academic performance and community development
- The program coverage area included over 50 neighboring communities/towns around the mine.
- The program was to protect everyone but more especially vulnerable sub-population such as children below 5 years and pregnant women
- The objective was to reduce malaria cases by 50% within the first two years

Program Composition

- Indoor Residual Spraying
- LLIN distribution
- Larval Source Management (LSM)
- Environmental Management
- Comprehensive Social and Behavioral Change Communication
- Diagnosis and treatment
- Robust M&E including entomological and epidemiological monitoring



Results – Part 1

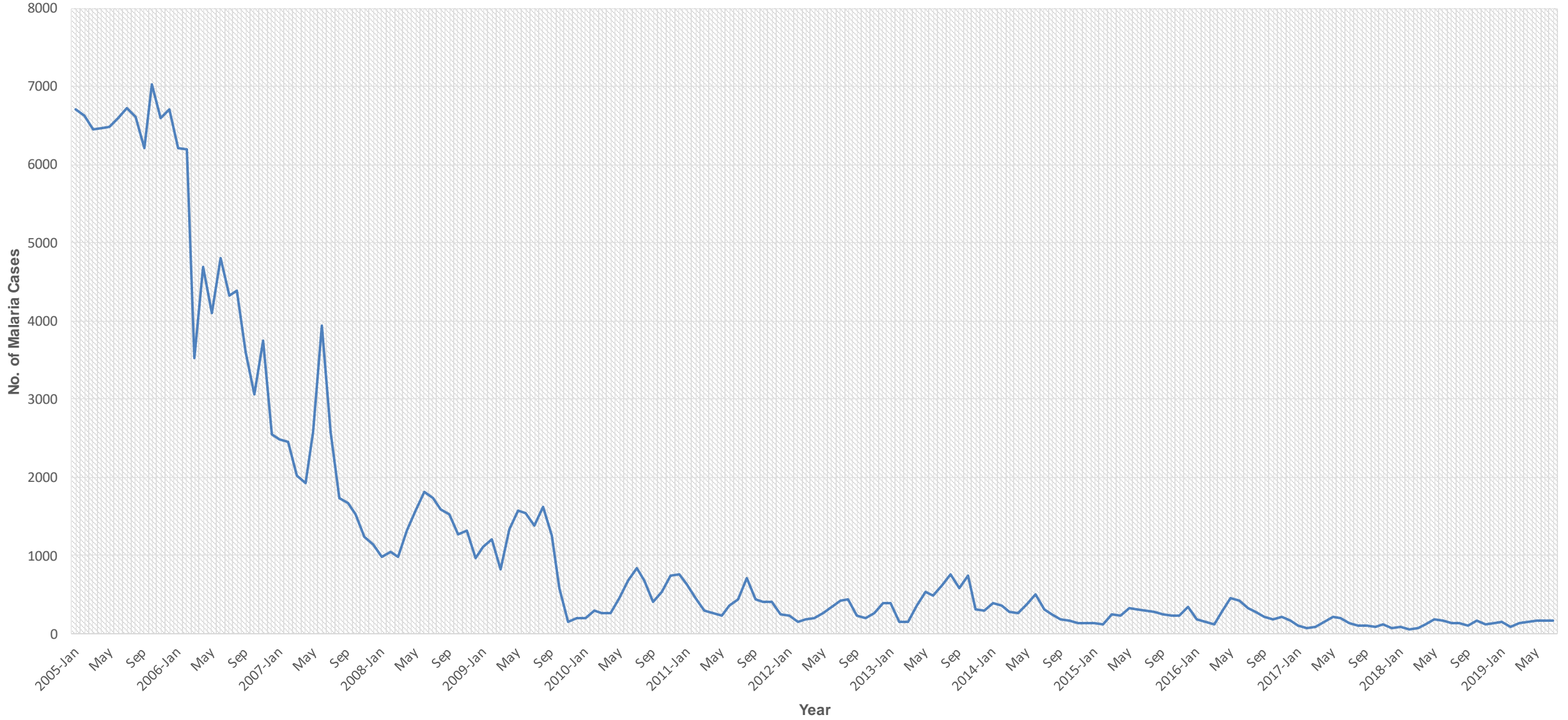
- At the end of initial 2 years, the program had reduced malaria cases by 74%
- School attendance had improved
- Workforce productivity had increased
- Workforce absenteeism due to malaria had significantly reduced



Impact of IRS on Malaria Cases in Obuasi AGAHF



Confirmed Cases of Malaria in Edwin Cade Memorial Hospital/AGAHF (2005-2019)



Program Recognition & Expansion

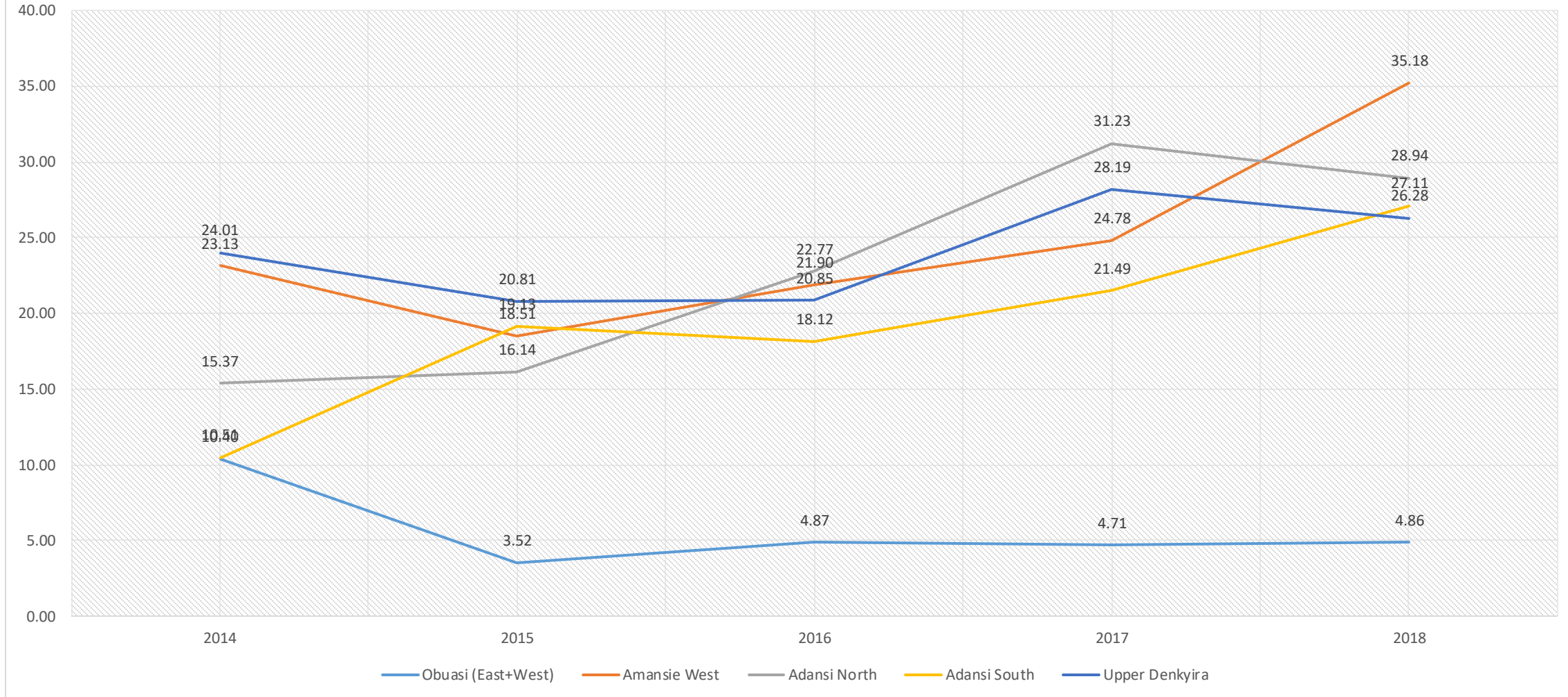
- In 2008, the program was officially recommended by the NMCP and Ghana CCM to be a PR to the Global Fund
- The program unit was then separated from the mine and registered as a limited by guarantee, not for profit organization – AngloGold Ashanti (Ghana) Malaria Control (AGAMal) with its own Board of Directors
- Program was extended to over 30 districts in Ghana in 2009
- Due to limited funding allocation, the program is currently operating in 16 districts in Ghana with funding support from GF & AngloGold Ashanti
- Rated as A1 by Global Fund performance letter by the end of December 2021

Impact of IRS – Comparing Obuasi with Neighboring Districts

Data from DHIMS



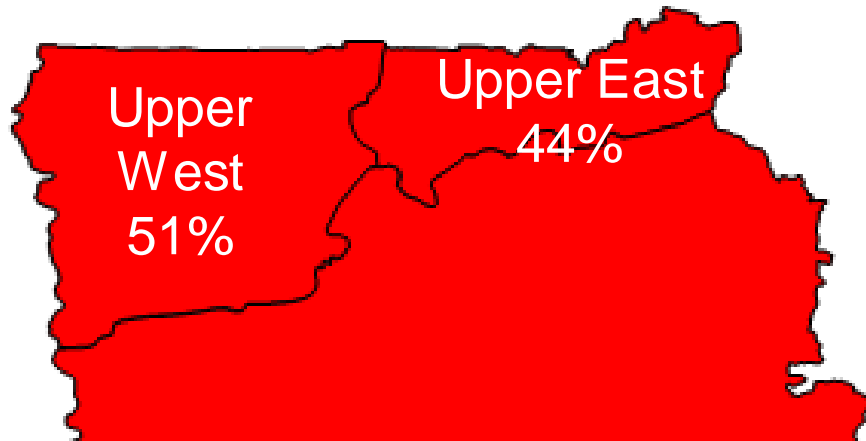
Percentage of OPD Malaria Cases 2014 - 2018



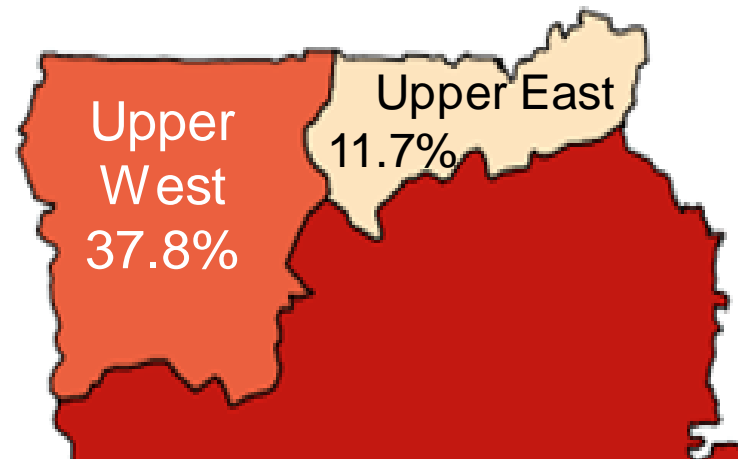
Source: DHIMS

Program Impact

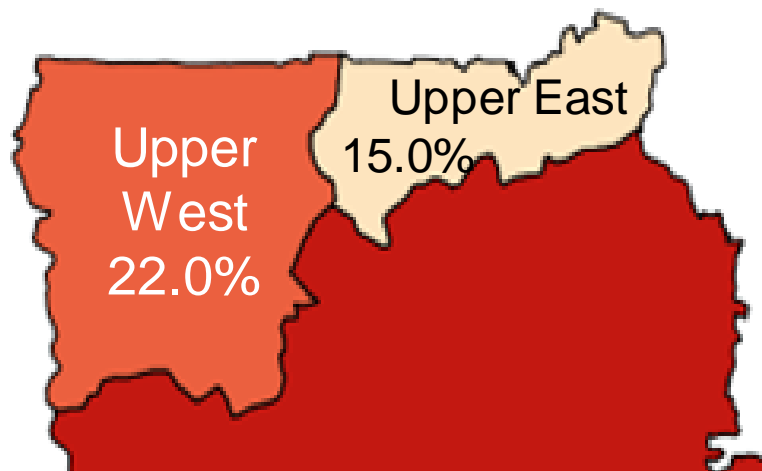
Parasite Prevalence in Children 6 - 59 Months in Upper East and West Regions of Ghana (2010 – 2016)



2010 - MICS



2014 - GDHS



2016 - MIS

Prevalence in Upper West as at 2019/2020 is 11%

Invest in Malaria Towards Elimination

- Malaria accounts for a greater number of OPD cases in sub-Saharan Africa (228M (95%) of global burden despite it being preventable and can be eliminated
- Malaria intervention as a CSR program, proves to be a winning investment for corporate world, employees, customers, and host communities. Employees and their families are healthier, resulting in increased productivity and decreases absenteeism, improves school attendance and academic performance leading to general development of our economies
- Since Malaria is a major health and economic burden for sub-Saharan Africa, investing in Malaria elimination intervention is recognized as important element of national poverty eradication intervention with huge benefits to both the social and business communities.

Invest in Malaria

- The company also saves money on health-care spending, it reduces the strain on the health care system
- The company gains a lot of both local and global recognition and media traction
- AngloGold Ashanti continues to invest in malaria and calls on all businesses, both local and those with international affiliates to invest in malaria intervention aiming towards elimination.

Conclusion

- It has been 16 years continuous investment by AngloGold Ashanti in malaria intervention and still counting. It has been beneficial
- AGAMal is recognized as a center of excellence with regards to malaria programing
 - Collaboration with both local and International Universities and Research Institutions
- AGAMal is ready to offer technical support to other companies in Africa and beyond who would like to establish a tailor-made malaria intervention program

Partnership for Malaria Elimination

Thank You

