

# DODOWA HDSS

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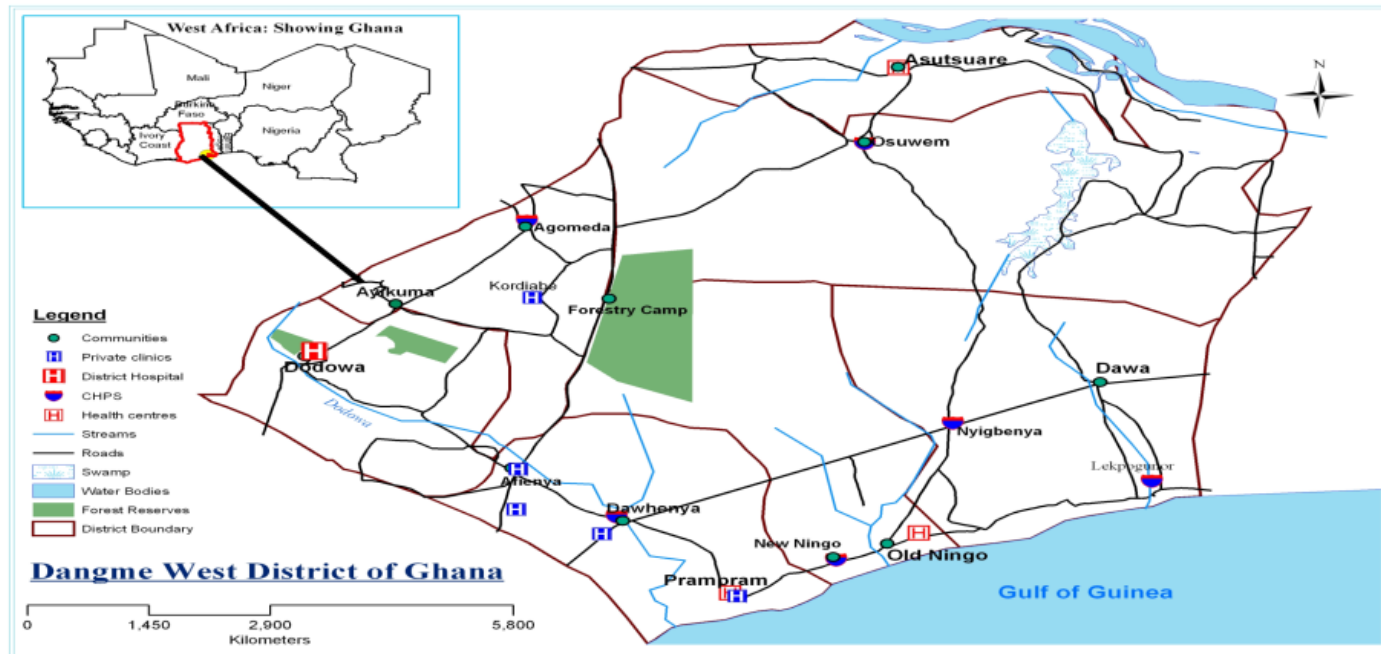
RICHARD AFEDI NAGAI

# MAP AND POPULATION

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- Start: 2005, ?; 2014 for 382 communities
- Population: 121, 943
- Density: 76.75/km<sup>2</sup>
- Distance to Accra: 38.4Km
- Economic activities: Agriculture
- Surveillance area: 1,528.9sq km
- Female Headed household: 40.1%
- Fertility: 3 (2014)

# MAP AND POPULATION



# DATA

## Required and optional data for Fertility Analysis

Required and optional data for Fertility Analysis				
	input			
RESIDENCY	IndividualId	required	✓	
	LocationId	required	✓	
	HouseholdId	required	✓	
	Compound	required	✓	
	DoB	required	✓	
	Sex	required	✓	
	Date of Entry	required	✓	
	Type of Entry	required	✓	
	Date of Exit	required	✓	
	Type of Exit	required	✓	
	MotherID	required	✓	
	Marital status at Entry (for women)	optional	x	
	Parity at Entry (for women)	optional	x	
BIRTH	IndividualId		✓	
	Date of Birth		✓	
	Rank	optional	x	

MARRIAGE	IndividualId		✓
	MarriageDate	optional	✓
	MarriageType	optional	✓
	other usefull information	optional	x
OTHER	IndividualId		✓
	Level of education	optional	✓
	Occupation of Head of HH	optional	x
	Education of Head of HH	optional	✓
	Economical level of HH	optional	✓

# PUBLICATION

- 2014: “Evaluation of a universal long-lasting insecticidal net (LLIN) distribution campaign in Ghana: cost effectiveness of distribution and hang-up activities” *Malaria Journal* 2014, **13**:71 doi:10.1186/1475-2875-13-71 ~ Lucy Smith Paintain<sup>1\*</sup>, **Elizabeth Awini**<sup>2</sup>, **Sheila Addei**<sup>2</sup>, **Vida Kukula**<sup>2</sup>, Christian Nikoi<sup>2</sup>, **Doris Sarpong**<sup>2</sup>, **Alfred Kwesi Manyeh**<sup>2</sup>, ~~Daniel Yayemain<sup>3</sup>, Etienne Rusamira<sup>3</sup>, Josephine Agborson<sup>3</sup>, Aba Baffoe-Wilmot<sup>4</sup>, Constance Bart-Plange<sup>4</sup>, Anirban Chatterjee<sup>3</sup>, **Margaret Gyapong**<sup>2</sup> and Lindsay Mangham-Jefferies<sup>5</sup>~~
- 2014: “Responsibility for the views expressed and for any errors of fact or judgment rests with **Margaret Gyapong**, Edward Kamau, Robinah Najjemba, and Olumide Ogundahunsi” *WHO Library Cataloguing-in-Publication Data: Implementation research toolkit*.
- 2014: “Willingness to Pay for Faecal Compost by Farmers in Southern Ghana” *Journal of Economics and Sustainable Development* Vol.5, No.2, 2014. ~ **Enoch Oti Agyekum**, Kwasi Ohene-Yankyera, Benard Keraita, Simon Cudjoe Fialor, Robert C Abaidoo.
- 2013: “Impact of treating young children with antimalarials with or without antibiotics on mobility:” *International Health Volume* 5. ~ Margaret A Chinbuah, Martin Adjuik, Frank Cobelens, Kwadwo A Koram, Mercy Abbey, **Margaret Gyapong**, Piet A Kager, John O Gyapong.
- 2013: “Profile: The Dodowa HDSS ” *International journal of epidemiology* Volume 42 Issue 6. ~ **Margaret Gyapong**, **Doris Sarpong**, **Elizabeth Awini**, **Alfred K Manyeh**, Desmond Tei, **Gabriel Odonkor**, **Irene A Agyepong**, Precious Mattah, Peter Wontuo, **Mary Attaa Pooma**, John O Gyapong, Fred N Binka.

# PUBLICATION

- 2013: “Assessment of the adherence of community health workers to dosing and referral guidelines for the management of fever in children under 5 years: a study in Dangme West District, Ghana” *International health Volume 5 Issue 2 Pages 148-156*. ~ Margaret A Chinbuah, Mercy Abbey, Piet A Kager, **Margaret Gyapong**, Justice Nonvignon, Philipina Ashitey, Jonas Akpakli, Shirley-Ann A Appiatse, David Kubi, John O Gyapong.
- 2013: “Free tuberculosis diagnosis and treatment are not enough: patient cost evidence from three continents” *International Journal of Tuberculosis and Lung Disease Volume 17 Issue 3 Pages 381-387*. ~ V Mauch, F Bonsu, **M Gyapong**, **E Awini**, P Suarez, B Marcelino, RE Melgen, K Lonroth, NV Nhung, NB Hoa, E Klinkenberg.
- 2012: “Is home management of fevers a cost-effective way of reducing under-five mortality in Africa? The case of a rural Ghanaian District” *Tropical Medicine International Health 2012; 17(8): Pages 951-957*. ~ Justice Nonvignon, **Margaret Gyapong**, Mercy Abbey, **Elizabeth Awini**, John O. Gyapong, Moses Aikins.
- 2012: “Illness meanings and experiences for pre-ulcer and ulcer condition of Buruli ulcer in the Ga-West and Ga-South Municipalities of Ghana.” *BMC Public Health 2012; 12:Pages 264*. ~ Mercy M Ackumey, **Margaret Gyapong**, Matilda Pappoe, Cynthia Kwakye-Maclean, Mitchell G Weiss.
- 2012: “Socio Cultural determinants of timely and delayed treatment off Buruli Ulcer. Implications for disease control.” *Infectious Diseases of Poverty; 1:6*. Mercy M Ackumey, **Margaret Gyapong**, Cynthia Kwakye-Maclean, Mitchell G Weiss.

# PUBLICATION

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- 2012: “Impact of Community Management of Fever (Using Antimalarials with or without Antibiotics) on Childhood Mortality: A cluster-Randomized Controlled Trial in Ghana.” *Am. J. Trop. Med. Hyg.*, 87 Supplement 5 PP. ~ Margaret A. Chinbuah, Piet A. Kager, Mercy Abbey, **Margaret Gyapong, Elizabeth Awini**, Justice Nonvignon, Martin Adjuik, Moses Aikins, Franco Pagnoni, John O. Gyapong.
- INDEPTH Adolescent Transition to Adulthood study (IHTAS), 2014

# SOME INTERESTING RESULTS

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- 64.5% of adolescents had their first sex without protection (*INDEPTH Adolescent Transition to Adulthood study (IHTAS), 2014*)
- Adolescents expressed a strong need for parents to pay a little more attention to them (*INDEPTH Adolescent Transition to Adulthood study (IHTAS), 2014*)
- The prevalence of alcohol intake is 37.5% with mean age of first time alcohol consumption being 16years (*INDEPTH Adolescent Transition to Adulthood study (IHTAS), 2014*)