



Gilgel Gibe HDSS

Adolescent Fertility Analysis workshop
GHANA ACCRA
MAY 2, 2016

Presenter

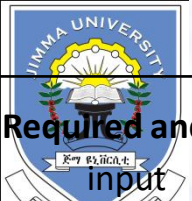
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The site and its context

- Established in Sep. 2005
- Located 260 km from AA and 55 km to east of Jimma Town
- Comprises 11 kebeles (3 small towns & 8 rural kebeles)
- Pop_n 62,979 (F=51%, Rural=67%) residing in 12,776 geo-referenced HH
- Economical activities : subsistence agriculture
- Total Fertility rate : 5.1 (2013)

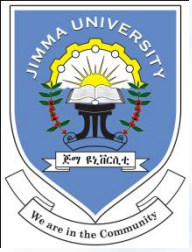


Required and optional data for Fertility Analysis

input			
RESIDENCY	IndividualId	required	✓
	LocationId	required	✓
	HouseholdId	required	✓
	Compound	required	x
	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 (birth order)	optional	✓

Data

MARRIAGE	IndividualId		✓
	MarriageDate	optional	✓
	MarriageType	optional	x
	other usefull information	optional	✓
DIVORCE	IndividualId		✓
	DivorceDate	optional	✓
	DivorceType	optional	X
	other usefull information	optional	X
WIDOW	IndividualId		✓
	WidowDate	optional	✓
	WidowType	optional	X
	other usefull information	optional	X
OTHER	IndividualId		✓
	level of education	optional	✓
	economical level of HH	optional	x
	occupation of Head of HH	optional	✓
	education of Head of HH	optional	✓
	living arrangement	optional	x
	other usefull information	optional	222



Publication from the site

- No publication related to adolescent fertility
- Others on MCH
 - Yohannes Dibaba, Mesganaw Fantahun & Michelle J. Hindin, Effects of maternal Pregnancy intention, depressive symptoms and social support on risk of low birth Weight: A prospective study from southwestern Ethiopia, PLoS ONE,2014, 9(5):
 - [Kruk ME](#)¹, [Paczkowski MM](#), [Tegegn A](#), [Tessema F](#), [Hadley C](#), [Asefa M](#), [Galea S](#). Women's preferences for obstetric care in rural Ethiopia: a population-based discrete choice experiment in a region with low rates of facility delivery. [J Epidemiol Community Health](#). 2010 Nov;64(11):984-8. doi: 10.1136/jech.2009.087973.
 - Amare Deribew, [Fasil Tessema](#), Belaineh Girma. Determinants of under five mortality in Gilgel Gibe Field Research Center, South West Ethiopia. *Ethiopian Journal of Health Dev.*, 2007; 21(2)
 - Dube et al.: Determinants of infant mortality in community of Gilgel Gibe Field Research Center, Southwest Ethiopia: a matched case control study. *BMC Public Health* 2013 13:401



IDEAS for Analysis

- Trends in adolescent fertility
- Rural-urban difference in adolescent fertility



Thank you!