

Vadu Rural Health Program



INDEPTH PopStats

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Presentation Agenda

- Introduction to INDEPTH PopStats
- Objective
- PopStats Process
- Requirements gathering
- PopStats Demonstration
- Challenges
- Future plans



Introduction

- The need to generate annual indicators of health and demography has become extremely important
- PopStats will help researchers and policymakers to have easy access critically needed information
- This project aims to create that access



Objective

INDEPTH PopStats aims to provide a user friendly, open source, web based platform for effective tabular and graphical presentation of basic health and demographic indicators (e.g. Crude Birth Rate, ASFR, TFR, Crude Death Rate, ASMR, CMR etc.) on annual

This will be comparable to STAT Compiler in DHS



Key Stakeholders

Discussion with key stakeholders

1. Financial and Technical Support from INDEPTH Secretariat
2. Vadu HDSS



Meeting with stakeholders in Accra on 28th Jun 2010



INDEPTH
POPSTATS

CENTRES

PROCESSES

USERS

Enter Data counts

Birth

Population

Death

Automated Application Process
using Demographic Formulae
Provided by INDEPTH Scientist

CBR

Age-sex
Distribution

CDR

ASFR

Pyramid

ASMR

TFR

CMR



Requirement

Age Group (Year)	Population		Death	
	No. of Male (Person Year)	No. of Female (Person Year)	No. of Male Death	No. Of Female Death
<1				
1-4				
5-9				
10-14				
15-19				
20-24				
25-29				
30-34				
35-39				
40-44				
45-49				
50-54				
55-59				
60-64				
65-69				
70-74				
75-79				
80-84				
85+				

Requirement Birth

Women's Age Group (Year)	No. of Women (Person Year)	Male Birth	Female Birth
15-19			
20-24			
25-29			
30-34			
35-39			
40-44			
45-49			



Demonstration



Challenges and Limitations

- Migration Report Generation
 - The biggest challenge is, each INDEPTH member centre is using different definition for collecting in-migration and out-migration data
- Age Specific Report
 - We can show only few centres or few years data reports at a time as we have 38 INDEPTH member centres and for each centre we need 7 age groups



References

- Stat Compiler
(<http://www.statcompiler.com/>)
- Matlab Demographic workbook
(http://www.icddrb.org/uploads/files/Matlab_RODE_Jul_09_V2.xls)



Acknowledgement

- INDEPTH Secretariat
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