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

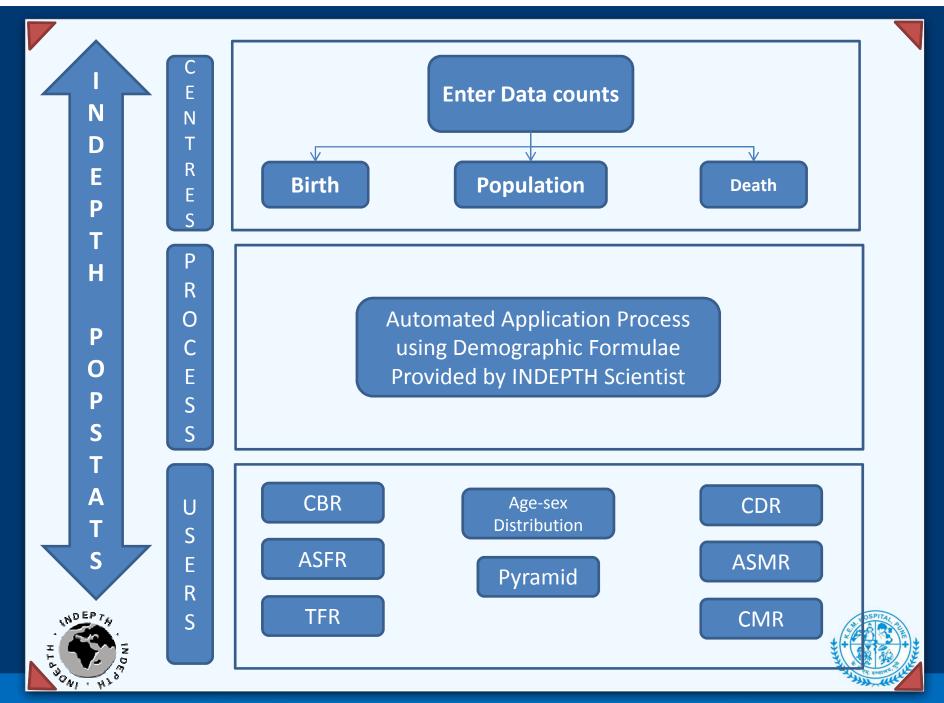
- 1. Financial and Technical Support from INDEPTH Secretariat
- 2. Vadu HDSS





Meeting with stakeholders in Accra on 28th Jun 2010





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





Future Plan

- In-migration and out-migration data presentation
- Users manual for INDEPTH member centres
- Automatic reminder E-mail to INDEPTH member centres to submit data counts
- Age group wise reports generation
- Report download facility in excel and PDF / JPEG
- INDEPTH PopStats interfaces to pull data counts from iSHARE repository or iSHARE repository pushes data counts into INDEPTH Popstats
- Orientation of INDEPTH member centre data managers to use INDEPTH PopStats





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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