



VITAL STATISTICS ANALYSIS

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QUESTIONS

- Compare core topics recommended by the P&R with topics covered in the country's registration forms. Explain what are the differences.
- Identify the major obstacles for achieving complete coverage of vital events registration and for compiling VS based on CR data.
- What efforts have been carried out for assessing quality?
- Outline five strategies that should be adopted to achieve completeness and improve data quality.

LIVEBIRTHS:

- **EVENT - all captured and registered**
 - Date of occurrence
 - Date of registrations
 - Place of occurrence
 - Place of Registration
 - Type of Birth
 - Attendant at Birth
 - Sex of newborn
 - Weight at birth

LIVEBIRTHS: PARENTS

- MOTHER OF NEWBORN

- Date of Birth
- Marital Status
- Place of Usual Residence
- Place of Birth
- Children born alive to mother
- Foetal deaths to mother in her lifetime
- Date of last previous birth
- Date of marriage if married

Not Captured

- Educational Attainment
- How long living in this location

- Father of Newborn - Optional if not married

- Date of birth

Not Captured

- Marital Status
- Place of usual residence
- Educational Attainment

DEATHS

- Event
 - Date of Occurrence
 - Date of Registration
 - Place of occurrence
 - Place of registration
 - Cause of death
 - Name of certifier (Usually a signature)

DEATHS

- Deceased
 - Date of Birth
 - Sex
 - Place of usual residence
 - Marital Status
 - Place of Usual residence of Mother (Under 1 Year Old)
- Foetal deaths
 - Father
 - No information capture

DEATHS

- Foetal Deaths (Birth certificate completed)
 - Date of occurrence (delivery)
 - Date of registration
 - Place of occurrence
 - Place of registration
 - Sex of foetus

Mother

- Date of Birth
- Children born alive
- Place of usual residence

Not Sure or No

- Foetal deaths in lifetime
- Date of last previous live birth
- Date of marriage if married

MARRIAGES

EVENT

- Date of occurrence
- Date of registration
- Place of occurrence
- Place of registration

Bride & Groom

- Date of birth - Age
- Place of usual residence

No information currently captured relative to Divorces

OBSTACLES

Mentioned in previous presentation

- Deaths
 - Registrars -method of payment, frequency of deaths
 - Coding - one individual with variety of tasks
 - cause of death data incomplete
- Births
 - No major obstacles
- Marriages
 - No major obstacles
- Needs Department commitment to collect and compile

QUALITY ASSESSMENT

Major area for improvement - Not formerly done

- More faith in Civil registry system than in surveys and censuses due to small size and reliability of processes
- Continuous interaction with health department
 - Review of rates and counts
- No assessment of Registrars office (marriages)
 - however, small country equals to big gossip. All marriages in country are known.

STRATEGIES FOR IMPROVEMENT

- Familiarity with registration processes
 - Actual registration form
 - Assessment of techniques and technologies
- Training of ministry of health staff
 - Increase number of persons trained in various areas
 - Coding
 - Data collection and compilation
- Computerization of processes
 - Registration of births and deaths
 - Electronic documentation of civil processes - marriages and divorces
- Assumption of tasks/increased involvement
 - Processing of data
 - Calculation of rates
- Establishment of inter-agency committee
- Develop and implement quality assessment procedures/practices