

Application of a set of maternal and newborn health indicators to monitor the implementation of the WHO Global Reproductive Health Strategy in Rosario, Argentina

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WHO Scholarship

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BACKGROUND

The 57th World Health Assembly adopted WHO Global Reproductive Health Strategy

- recognizes the crucial role of sexual and reproductive health (SRH) in achievement of international development goals and aims improve SRH**
- suggests actions to accelerate attainment Millennium Development Goals**

BACKGROUND

- A framework for implementing the Strategy was developed to provide guidance for countries.
- Selected one element of SRH: antenatal, delivery, postpartum, and newborn care.

OBJECTIVE

- **To assess the feasibility of the application of the indicators related to antenatal, delivery, postpartum, and newborn care within the WHO Global Reproductive Health Strategy Implementation Framework; and to monitor and evaluate the achievements and limitations of Municipal Maternal and Neonatal Health Programme in Rosario.**

MONITORING AND EVALUATION

Measure how well a programme is working:

- whether planned activities are being carried out**
- how well programme activities are performed**
- extent to which changes occurs**
- the change that has occurred and extent change attributable programme intervention**

INDICATORS

- Useful assessing needs, monitoring and evaluating programme implementation and impact
- Two types of indicators:
 - Examine outcomes or impact, following implementation interventions
 - Examine aspects ongoing programmes (input/process/output)

DATA SOURCES

- **Programme-based data:**
 - Programme sources: administrative records, client records, Department of Statistics.
 - On-site collection: observation, client-provider interaction, client satisfaction interviews, mystery client surveys.
- **Population-based data:**
 - Vital Registration System, Census, household surveys such as Demographic and Health Surveys (DHS), Reproductive Health Surveys (RHS).

APPLICATION OF THE FRAMEWORK IN ROSARIO

- **Health System in Rosario:**
 - Private Health System
 - Public Health System: Municipal and Provincial
- **The Municipal Health Programme in Rosario
three health care levels:**
 - Primary care level: Municipal Health Centres
 - Secondary care level: two maternities and one hospital
 - Tertiary care level: two hospitals

APPLICATION OF THE FRAMEWORK IN ROSARIO

- **The Secretariat Public Health Municipality Rosario has Central Department Statistics, conformed by:**
 - **Departments Statistics Hospital/Facilities.**
 - **Department of Statistics Primary Care Level.**

MATERNAL AND NEWBORN INDICATORS

- 12 input/process/output indicators: e.g.: percentage of pregnant women counselled and tested for HIV, caesarean sections as percentage of all live births.
- 9 outcome/impact indicators: e.g. Maternal mortality ratio, rate of congenital syphilis.

METHODOLOGY

- **Maternal and newborn health indicators proposed by WHO Global RH Strategy Implementation Framework and the methods to calculate the results were described.**
- **A list of possible data sources was established in a predetermined order according ease to access of the source.**

METHODOLOGY

- Data numerator and denominator will be searched using first data source. If not possible, next data source (predetermined order) will be examined.
- Feasibility to obtain indicators will be scored (characterize indicators)
 - Both data obtained: 2
 - Only data numerator: 1
 - Only data denominator: 1
 - None data obtained: 0

METHODOLOGY

Feasibility to obtain indicators

Indicator	Score	Numerator	Denominator	Value
Indicator 1		n= Notes:	N= Notes:	
Indicator 2		n= Notes:	N= Notes:	
Indicator 3		n= Notes:	N= Notes:	
Indicator 4		n= Notes:	N= Notes:	

EXPECTED OUTCOMES

- In relation to maternal and newborn indicators proposed WHO Global RH Strategy Implementation Framework and Maternal-Child Health Programme Municipality Rosario:
 - indicators for which data can be obtained from available data sources
 - relative easiness of obtaining information (easy/moderately difficult/difficult)
 - indicators for which data can not be obtained from available data sources

EXPECTED OUTCOMES

- **We will be able to know which indicators are available to monitor and evaluate the Maternal-Child Health (MCH) Programme of the Municipality of Rosario.**
- **We will evaluate feasibility and usefulness of these indicators to be applied to MCH Programme in different settings with similar level of health statistics.**



THANK YOU