

Rwanda - Health Administrative Data Progress Assessment

**Ministry of Health(MoH) in collaboration with the National Institute of Statistics of
Rwanda(NISR)**

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Overview

Identification

ID NUMBER
RWA-NISR-RHADPA-2016-V1.2

Version

VERSION DESCRIPTION
Version 1.1 Edited anonymized dataset for public use

PRODUCTION DATE
2017-05-01

Overview

ABSTRACT

The importance of administrative statistics is much worth as it offers a good opportunity to get data at a cheaper cost compared to Censuses and sample surveys. Administrative statistics are also very essential to calculate some important demographic measures for instance health administrative statistics such as crude birth rate, general fertility rate, Age specific fertility rate, total fertility rate, gross reproduction rate, net reproduction rate, crude death rates, marriage and divorce rates,...under the condition that they are complete and accurate.

KIND OF DATA

Administrative records data [adm]

UNITS OF ANALYSIS

The Development of Health Administrative Data Progress Assessment focused on women and children as units of analysis

Scope

NOTES

The administrative systems collected data on Crude birth rate (CBR), General fertility rate (GFR), Age specific Fertility rate (ASFR), Total fertility rate (TFR) and Gross reproduction rate (GRR).

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

This assessment targeted children and children

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
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Name	Affiliation
Ministry of Health(MoH) in collaboration with the National Institute of Statistics of Rwanda(NISR)	

OTHER PRODUCER(S)

Name	Affiliation	Role
National Identification Agency	Government of Rwanda	Technical partner

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Local Government	Ministry of Local Governance	Mobilisation
Ministry of education	MINEDUC	Mobilisation
Ministry of Justice	MINIJUST	legal requirements

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning	Metadata producer

DATE OF METADATA PRODUCTION

2017-05-01

DDI DOCUMENT VERSION

Version 1.0 (June 2017)

DDI DOCUMENT ID

ddi-rwa-nisr-rhadpa-2017-V1.0

Sampling

No content available

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2015	2016	N/A

Time Periods

Start	End	Cycle
2015	2016	N/A

Data Collection Mode

Other [oth]

Data Collection Notes

This assessment used a Civil Registration and Vital Statistics Systems (CRVS), a web based application system for recording vital events in order to boost quality and coverage in data capture and management of vital statistics, as well as the Health Management Information System (HMIS).

Data Collectors

Name	Abbreviation	Affiliation
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning

Data Processing

Data Editing

For the calculation of fertility indicators, two sources of administrative statistics(HMIS and CRVS) were used. The Health Management Information System (HMIS) has collected the aggregated number of births in 2015 and 2016. For the corresponding years, the Civil Registration and Vital Statistics system (CRVS) has collected the number of births by the age of their mothers at the time of birth. To calculate fertility indicators like ASFR, TFR, and GRR, we need the number of births tabulated according to age of their mothers at birth.

Since the number of births registered in HMIS is close to expectation vis-à-vis the expected annual birth, fertility indicators were computed using HMIS data and these data have been imputed following the births distribution by age of the mothers (15-49) from the CRVS assuming that the same distribution of births according to the age of their mothers applies

Data Appraisal

Other forms of Data Appraisal

A combination of sources of data namely Health Management Information System (HMIS) and Civil Registration and Vital Statistics web based application (CRVS) is very useful for quality data. The 4th Rwanda Population and Housing Census conducted in 2012 and Rwanda Demographic and Health Survey (RDHS) conducted in 2014/15 were also used to benchmark on expectations and achievements for now.

File Description

Variable List

RWA-NISR-RHADPA-data-file

Content

Cases 0

Variable(s) 8

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V1	Province		discrete	character	
V2	District		discrete	character	
V3	Hospital		discrete	character	
V4	Sector		discrete	character	
V5	HealthFacility	Health Facility	discrete	character	
V6	HFdeliveries2016	HF deliveries2016	contin	numeric	
V7	Homedeliveries2016	Home deliveries 2016	contin	numeric	
V8	Total		contin	numeric	

(Province)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Discrete
 Format: character
 Width: 11

Valid cases: 0
 Invalid: 0

(District)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Discrete
 Format: character
 Width: 19

Valid cases: 0
 Invalid: 0

(Hospital)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Discrete
 Format: character
 Width: 26

Valid cases: 0
 Invalid: 0

(Sector)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Discrete
 Format: character
 Width: 30

Valid cases: 0
 Invalid: 0

Health Facility (HealthFacility)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Discrete
 Format: character
 Width: 31

Valid cases: 0
 Invalid: 0

HF deliveries2016 (HFdeliveries2016)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Continuous
 Format: numeric
 Width: 6
 Decimals: 0
 Range: 0-328419

Valid cases: 0
 Invalid: 0

Home deliveries 2016 (Homedeliveries2016)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-10365

Valid cases: 0
Invalid: 0

(Total)

File: RWA-NISR-RHADPA-data-file

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-338784

Valid cases: 0
Invalid: 0

Documentation

Reports

Health Administrative Data Progress Assessment

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