

South Africa - AHRI.Core Dataset:Pregnancies.2023

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Identification

SURVEY ID NUMBER

AHRI.RD01-04.CoreDataset.Pregnancies.2023

TITLE

AHRI.Core Dataset:Pregnancies.2023

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

One row per pregnancy, giving start and end date, outcome, details of Antenatal clinic attendance etc Pregnancy information is collected in two ways. In principle, when a woman is first registered a PGH - Pregnancy History form is administered to gather information on all her previous pregnancies. At subsequent visits any new pregnancies are recorded on a PON - Pregnancy Outcome Notification form. In practice the mechanism for deciding if a woman has completed a PGH form is imperfect and has been flawed, so that many women have in fact completed 2+ PGH forms. Pregnancies recorded via PGH or PON are distinguishable in the dataset using variable Source

KIND OF DATA

Pregnancies

UNIT OF ANALYSIS

Individual

Version

VERSION DESCRIPTION

v1.0.0

Scope

TOPICS

Topic	Vocabulary	URI
Pregnancies	Africa Health Research Institute	Link

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Kobus Herbst	AHRI
Mark Siedner	AHRI/MGH
Willem Hanekom	AHRI

PRODUCERS

Name
Africa Health Research Institute

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name
Mpukunyoni community for their participation in the Population Intervention Programme

Data Collection

DATES OF DATA COLLECTION

Start	End
2000-01-01	2023-08-02

Access policy

ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository(<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

CITATION REQUIREMENTS

Herbst, K., Siedner, M., & Hanekom, W. (2023). AHRI.Core Dataset:Pregnancies.2023 [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/AHRI.RD01-04.COREDATASET.PREGNANCIES.2023>

Metadata production

DDI DOCUMENT ID

DDI.RD01-04.CoreDataset.Pregnancies.2023

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
RD01-04 ACDIS Pregnancies	102204	28

Data file: RD01-04 ACDIS Pregnancies

Cases: 102204

Variables: 28

Variables

ID	Name	Label	Question
V29	PIntId	Unique Pregnancy Id	
V30	WomanId	Id of pregnant woman i.e. the mother	
V31	LMP	Date of Last Menstrual Period or pregnancy start	
V32	DDate	Date of Delivery	
V33	ANCVisitCount	Total number of ANC visits during the pregnancy	
V34	GestMonthsAt1stANCVisit	Time of the first ANC Visit in gestational months	
V35	FirstRecordedDate	Date of Visit when pregnancy was first recorded	
V36	FirstANCDate	Date of first ANC visit	
V37	FirstANCSetting	Setting of first Antenatal Clinic visit	
V38	FirstANCRPLType	Type of first ANC Location	
V39	FirstANCLocation	Label associated with code in previous variable	
V40	LastRecordedName	Last Recorded Name	
V41	FirstANCCareProvider	Care Provider at First ANC	
V42	Outcome	Outcome of pregnancy	
V43	LCnt	Live birth count in this delivery	
V44	SCnt	Stillbirth count this delivery	
V45	DeliverySetting	Setting of Delivery	
V46	DeliverySettingType	Type of DeliverySetting	
V47	RPLType	Type of Delivery Location	
V48	DeliveryLocation	Location of Pregnancy End Event	
V49	CareProvider	Care Provider at delivery	
V50	MotherAge	Mother's age	
V51	MotherDoB	Mother's date of Birth	
V52	Source	Source of Info on the pregnancy	
V53	EarliestWSODate	Date of woman's earliest Women Status Observation	
V54	EarliestSODate	Date of woman's earliest Member Status Observation	
V55	HasMH	Has a maternal history	
V56	BirthOrder	Birth Order	

Total: 28

PINTID: Unique Pregnancy Id**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Invalid: 0 Minimum: 12 Maximum: 111362 Mean: 55616.879 Standard deviation: 32592.616

Type: Continuous Decimal: 0 Width: 12 Range: 12 - 111362 Format: Numeric

WOMANID: Id of pregnant woman i.e. the mother**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Invalid: 0 Minimum: 14 Maximum: 271613 Mean: 77799.432 Standard deviation: 58305.452

Type: Continuous Decimal: 0 Width: 12 Range: 14 - 271613 Format: Numeric

LMP: Date of Last Menstrual Period or pregnancy start**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Minimum: 1794-01-01 Maximum: 2022-09-07

Type: Discrete Width: 11 Range: - Format: character

DDATE: Date of Delivery**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Minimum: 1793-01-01 Maximum: 2023-07-19

Type: Discrete Width: 11 Range: - Format: character

ANCVISITCOUNT: Total number of ANC visits during the pregnancy**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 255 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
90	SpecialQuery

92	Deprecated
93	Refused
94	Query
95	Default
96	Other
97	Not Applicable
98	Don't know
99	Missing

GESTMONTHSAT1STANCVISIT: Time of the first ANC Visit in gestational months

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0 Minimum: 0 Maximum: 99 Mean: 29.451 Standard deviation: 41.577
 Type: Continuous Decimal: 0 Width: 12 Range: 0 - 99 Format: Numeric

FIRSTRECORDEDDATE: Date of Visit when pregnancy was first recorded

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Minimum: 1795-01-01 Maximum: 2023-08-02
 Type: Discrete Width: 11 Range: - Format: character

FIRSTANCDATE: Date of first ANC visit

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 21750 Minimum: 1791-01-01 Maximum: 2023-05-26
 Type: Discrete Width: 11 Range: - Format: character

FIRSTANCSETTING: Setting of first Antenatal Clinic visit

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102200 Invalid: 4
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

Value	Category	Cases	
1	Own Home	3	0%
2	Working Place	0	0%
10	Hospital (not further specified)	11	0%
11	Governmental (public) Hospital	1087	1.1%
12	Private Hospital	143	0.1%
20	Fixed Clinic (not further specified)	470	0.5%
21	Governmental (public) Fixed Clinic	19295	18.9%
22	Private Clinic	93	0.1%
30	Africa Centre Counselling Centre	2	0%
31	Mobile Clinic	300	0.3%
32	GP Surgery	143	0.1%
33	Traditional Healer?s Place	0	0%
40	Primary School (not further specified)	0	0%
41	Governmental (public) Primary School	9	0%
42	Private Primary School	0	0%
50	Secondary School (not further specified)	0	0%
51	Governmental (public) Secondary School	0	0%
52	Private Secondary School	0	0%
60	Tertiary Educational Institution	0	0%
66	Other Educational Facility	0	0%
86	Other Homestead	0	0%
94	_query	0	0%
95	_default	0	0%
96	_other	7	0%
97	_non applicable	80456	78.7%
98	_don't know	177	0.2%
99	_missing	4	0%
Sysmiss		4	

FIRSTANCRPLTYPE: Type of first ANC Location

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0
 Type: Discrete Width: 1 Range: - Format: character

FIRSTANCLOCATION: Label associated with code in previous variable**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 89631 Invalid: 12573

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Sub-Saharan Africa (elsewhere)	0	0%
2	Bounded Structure	559	0.6%
3	Durban Health Region	488	0.5%
4	Dukuduku Forest	45	0.1%
5	Demographic Surveillance Area	85	0.1%
6	Eastern Cape	5	0%
7	Empangeni Area	453	0.5%
8	Eshowe / Nkandla Health District	38	0%
9	Fixed Clinic	2509	2.8%
10	Free State	4	0%
11	Gauteng	256	0.3%
12	Hlabisa District (elsewhere)	6	0%
13	Hluhluwe	41	0%
14	Hlabisa Tribal Area	18	0%
15	Hospital	1053	1.2%
16	Jozini / Empangeni Region (elsewhere)	27	0%
17	KwaZulu-Natal (elsewhere)	4	0%
18	Ladysmith Health Region	8	0%
19	Lower Umfolozi (elsewhere)	58	0.1%
20	Mdletshe Tribal Area	4	0%
21	Mpumalanga	15	0%
22	Mpukunyoni Tribal Area (not further specified)	2	0%
23	Mtubatuba	44	0%
24	Mtuba vicinity	2	0%
25	Mozambique	1	0%
26	Newcastle Health Region	37	0%
27	Nongoma Area	58	0.1%
28	Ngotshe Area	1	0%
29	Northern Sector	39	0%
30	North-West RSA	1	0%

31	Outside Sub-Saharan Africa	0	0%
32	Port Shepstone / Kokstadt Health Region	2	0%
33	Pietermaritzburg Health Region	20	0%
34	Pongola Area	16	0%
35	Primary School	1	0%
36	Richards Bay Area	199	0.2%
37	RPL	367	0.4%
38	Republic South Africa (elsewhere)	0	0%
39	St. Lucia	10	0%
40	Secondary School	2	0%
41	Swaziland	1	0%
42	Ulundi HealthRegion	43	0%
43	Ubombo / Ngwavuma Health District	84	0.1%
44	Unknown	82885	92.5%
45	Western Cape	5	0%
46	Elsewhere	1	0%
47	Hlabisa District (outside MTA)	1	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	3	0%
97	Non applicable	1	0%
98	Don't know	128	0.1%
99	Missing	1	0%
Sysmiss		12573	

LASTRECORDEDNAME: Last Recorded Name

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 17077 Invalid: 0
 Type: Discrete Width: 50 Range: - Format: character

FIRSTANCCAREPROVIDER: Care Provider at First ANC

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102200 Invalid: 4
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 255 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	_none	13	0%
10	Medical Professional	55	0.1%
11	Medical Doctor	129	0.1%
12	Specialised Medical Doctor	58	0.1%
13	General Practitioner	50	0%
15	Nurse / Midwife	18800	18.4%
20	Traditional Healer	9	0%
30	Counsellor	0	0%
31	Physician	0	0%
32	Pharmacist	0	0%
33	Laboratory Worker	0	0%
66	Other Health Professional	7	0%
70	Community Health Worker	1	0%
71	Family Member	8	0%
72	Self	5	0%
80	Neighbour	11	0%
93	_refused	2	0%
94	_query	0	0%
95	_default	2439	2.4%
96	_other	3	0%
97	_non applicable	80457	78.7%
98	_don't know	148	0.1%
99	_missing	5	0%
255	_deprecated	0	0%
Sysmiss		4	

OUTCOME: Outcome of pregnancy

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0
 Type: Discrete Width: 1 Range: - Format: character

LCNT: Live birth count in this delivery**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 98278 Invalid: 3926
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 4 Format: Numeric

SCNT: Stillbirth count this delivery**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 98278 Invalid: 3926
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 9 Format: Numeric

DELIVERYSETTING: Setting of Delivery**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 100243 Invalid: 1961
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Own Home	5642	5.6%
2	Working Place	0	0%
10	Hospital (not further specified)	251	0.3%
11	Governmental (public) Hospital	34613	34.5%
12	Private Hospital	1463	1.5%
20	Fixed Clinic (not further specified)	161	0.2%
21	Governmental (public) Fixed Clinic	16330	16.3%
22	Private Clinic	230	0.2%
30	Africa Centre Counselling Centre	2	0%
31	Mobile Clinic	108	0.1%
32	GP Surgery	432	0.4%
33	Traditional Healer?s Place	4	0%
40	Primary School (not further specified)	1	0%
41	Governmental (public) Primary School	21	0%
42	Private Primary School	4	0%
50	Secondary School (not further specified)	0	0%

51	Governmental (public) Secondary School	1	0%
52	Private Secondary School	1	0%
60	Tertiary Educational Institution	1	0%
66	Other Educational Facility	1	0%
86	Other Homestead	113	0.1%
94	_query	1	0%
95	_default	20805	20.8%
96	_other	86	0.1%
97	_non applicable	144	0.1%
98	_don't know	15861	15.8%
99	_missing	3967	4%
Sysmiss		1961	

DELIVERYSETTINGTYPE: Type of DeliverySetting

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

RPLTYPE: Type of Delivery Location

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0
Type: Discrete Width: 1 Range: - Format: character

DELIVERYLOCATION: Location of Pregnancy End Event

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 92642 Invalid: 0
Type: Discrete Width: 3 Range: - Format: character

CAREPROVIDER: Care Provider at delivery

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 100243 Invalid: 1961
Type: Discrete Decimal: 0 Width: 12 Range: 0 - 255 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	_none	56	0.1%
10	Medical Professional	769	0.8%
11	Medical Doctor	4374	4.4%
12	Specialised Medical Doctor	405	0.4%
13	General Practitioner	211	0.2%
15	Nurse / Midwife	47596	47.5%
20	Traditional Healer	84	0.1%
30	Counsellor	2	0%
31	Physician	0	0%
32	Pharmacist	0	0%
33	Laboratory Worker	0	0%
66	Other Health Professional	62	0.1%
70	Community Health Worker	16	0%
71	Family Member	4004	4%
72	Self	1315	1.3%
80	Neighbour	474	0.5%
93	_refused	26	0%
94	_query	0	0%
95	_default	36262	36.2%
96	_other	126	0.1%
97	_non applicable	6	0%
98	_don't know	459	0.5%
99	_missing	3994	4%
255	_deprecated	2	0%
Sysmiss		1961	

MOTHERAGE: Mother's age

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0 Minimum: 2 Maximum: 999 Mean: 24.944 Standard deviation: 16
 Type: Continuous Decimal: 0 Width: 12 Range: 2 - 999 Format: Numeric

MOTHERDOB: Mother's date of Birth**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Minimum: 1917-07-01 Maximum: 2010-08-11
 Type: Discrete Width: 11 Range: - Format: character

SOURCE: Source of Info on the pregnancy**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

EARLIESTWSODATE: Date of woman's earliest Women Status Observation**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 99062 Minimum: 2000-01-07 Maximum: 2023-07-27
 Type: Discrete Width: 11 Range: - Format: character

EARLIESTSODATE: Date of woman's earliest Member Status Observation**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102202 Minimum: 2000-01-07 Maximum: 2023-07-27
 Type: Discrete Width: 11 Range: - Format: character

HASMH: Has a maternal history**Data file: RD01-04 ACDIS Pregnancies****Overview**

Valid: 102204 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	99062	96.9%
2	No	3142	3.1%
90	SpecialQuery	0	0%

92	Deprecated	0	0%
93	Refused	0	0%
94	Query	0	0%
95	Default	0	0%
96	Other	0	0%
97	Not Applicable	0	0%
98	Don't know	0	0%
99	Missing	0	0%

BIRTHORDER: Birth Order

Data file: RD01-04 ACDIS Pregnancies

Overview

Valid: 102204 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 15 Format: Numeric

Download related resources

Technical documents

DDI:Pregnancies

Title	DDI:Pregnancies
Author(s)	Sweetness H Dube
Date	21/08/2023
Country	South Africa
Language	English
Publisher(s)	Sweetness H Dube
Filename	RD01-04.CoreDataset.Pregnancies.2023.pdf
