

South Africa

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AHRI.Core Dataset:Pregnancies.2023

Study Documentation

August 21, 2023

Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	DDI.RD01-04.CoreDataset.Pregnancies.2023

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AHRI.Core Dataset:Pregnancies.2023

Overview

Identification	AHRI.RD01-04.CoreDataset.Pregnancies.2023
Version	v1.0.0
Abstract	
<p>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</p>	
Kind of Data	Pregnancies
Unit of Analysis	Individual

Topics	Pregnancies
Time Period(s)	2000-2023
Countries	South Africa

Producers & Sponsors

Primary Investigator(s)	Kobus Herbst, AHRI Mark Siedner, AHRI/MGH Willem Hanekom, AHRI
Other Producer(s)	Africa Health Research Institute (AHRI)
Other Acknowledgment(s)	Mpukunyoni community for their participation in the Population Intervention Programme

Data Collection

Data Collection Dates	start 2000-01-01 end 2023-08-02
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Accessibility

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>

Files Description

Dataset contains 1 file(s)

RD01-04 ACDIS Pregnancies	
# Cases	102204
# Variable(s)	28

Variables List

Dataset contains 28 variable(s)

File RD01-04 ACDIS Pregnancies							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PIntId	Unique Pregnancy Id	continuous	numeric-12.0	102204	0	-
2	WomanId	Id of pregnant woman i.e. the mother	continuous	numeric-12.0	102204	0	-
3	LMP	Date of Last Menstrual Period or pregnancy start	discrete	character-11	102204	-	-
4	DDate	Date of Delivery	discrete	character-11	102204	-	-
5	ANCVisit..	Total number of ANC visits during the pregnancy	discrete	numeric-12.0	102204	0	-
6	GestMont ..	Time of the first ANC Visit in gestational months	continuous	numeric-12.0	102204	0	-
7	FirstRec ..	Date of Visit when pregnancy was first recorded	discrete	character-11	102204	-	-
8	FirstANC ..	Date of first ANC visit	discrete	character-11	21750	-	-
9	FirstANC ..	Setting of first Antenatal Clinic visit	discrete	numeric-12.0	102200	4	-
10	FirstANC ..	Type of first ANC Location	discrete	character-1	102204	0	-
11	FirstANC ..	Label associated with code in previous variable	discrete	numeric-12.0	89631	12573	-
12	LastReco ..	Last Recorded Name	discrete	character-50	17077	0	-
13	FirstANC ..	Care Provider at First ANC	discrete	numeric-12.0	102200	4	-
14	Outcome	Outcome of pregnancy	discrete	character-1	102204	0	-
15	LCnt	Live birth count in this delivery	discrete	numeric-12.0	98278	3926	-
16	SCnt	Stillbirth count this delivery	discrete	numeric-12.0	98278	3926	-
17	Delivery ..	Setting of Delivery	discrete	numeric-12.0	100243	1961	-
18	Delivery ..	Type of DeliverySetting	discrete	character-1	102204	0	-
19	RPLType	Type of Delivery Location	discrete	character-1	102204	0	-
20	Delivery ..	Location of Pregnancy End Event	discrete	character-3	92642	0	-
21	CareProv ..	Care Provider at delivery	discrete	numeric-12.0	100243	1961	-
22	MotherAge	Mother's age	continuous	numeric-12.0	102204	0	-
23	MotherDoB	Mother's date of Birth	discrete	character-11	102204	-	-
24	Source	Source of Info on the pregnancy	discrete	character-2	102204	0	-
25	Earliest ..	Date of woman's earliest Women Status Observation	discrete	character-11	99062	-	-
26	Earliest ..	Date of woman's earliest Member Status Observation	discrete	character-11	102202	-	-
27	HasMH	Has a maternal history	discrete	numeric-12.0	102204	0	-
28	BirthOrder	Birth Order	discrete	numeric-12.0	102204	0	-

Variables Description

Dataset contains 28 variable(s)

File : RD01-04 ACDIS Pregnancies

PIntId: Unique Pregnancy Id

Information [Type= continuous] [Format=numeric] [Range= 12-111362] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-] [Mean=55616.879 /-] [StdDev=32592.616 /-]

WomanId: Id of pregnant woman i.e. the mother

Information [Type= continuous] [Format=numeric] [Range= 14-271613] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-] [Mean=77799.432 /-] [StdDev=58305.452 /-]

LMP: Date of Last Menstrual Period or pregnancy start

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-]

DDate: Date of Delivery

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-]

ANCVisitCount: Total number of ANC visits during the pregnancy

Information [Type= discrete] [Format=numeric] [Range= 0-255] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
90	SpecialQuery		
92	Deprecated		
93	Refused		
94	Query		
95	Default		
96	Other		
97	Not Applicable		
98	Don't know		
99	Missing		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

GestMonthsAt1stANCVisit: Time of the first ANC Visit in gestational months

Information [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-] [Mean=29.451 /-] [StdDev=41.577 /-]

FirstRecordedDate: Date of Visit when pregnancy was first recorded

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-]

FirstANCDate: Date of first ANC visit

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=21750 /-]

FirstANCSetting: Setting of first Antenatal Clinic visit

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=102200 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
1	Own Home	3	0.0%

File : RD01-04 ACDIS Pregnancies

FirstANCSetting: Setting of first Antenatal Clinic visit

Value	Label	Cases	Percentage
2	Working Place	0	
10	Hospital (not further specified)	11	0.0%
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	0.0%
31	Mobile Clinic	300	0.3%
32	GP Surgery	143	0.1%
33	Traditional Healer's Place	0	
40	Primary School (not further specified)	0	
41	Governmental (public) Primary School	9	0.0%
42	Private Primary School	0	
50	Secondary School (not further specified)	0	
51	Governmental (public) Secondary School	0	
52	Private Secondary School	0	
60	Tertiary Educational Institution	0	
66	Other Educational Facility	0	
86	Other Homestead	0	
94	_query	0	
95	_default	0	
96	_other	7	0.0%
97	_non applicable	80456	78.7%
98	_don't know	177	0.2%
99	_missing	4	0.0%
Sysmiss		4	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

FirstANCRPLType: Type of first ANC Location

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-]

FirstANCLocation: Label associated with code in previous variable

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=89631 /-] [Invalid=12573 /-]

Value	Label	Cases	Percentage
1	Sub-Saharan Africa (elsewhere)	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	0.0%
7	Empangeni Area	453	0.5%

File : RD01-04 ACDIS Pregnancies

FirstANCLocation: Label associated with code in previous variable

Value	Label	Cases	Percentage
8	Eshowe / Nkandla Health District	38	0.0%
9	Fixed Clinic	2509	2.8%
10	Free State	4	0.0%
11	Gauteng	256	0.3%
12	Hlabisa District (elsewhere)	6	0.0%
13	Hluhluwe	41	0.0%
14	Hlabisa Tribal Area	18	0.0%
15	Hospital	1053	1.2%
16	Jozini / Empangeni Region (elsewhere)	27	0.0%
17	KwaZulu-Natal (elsewhere)	4	0.0%
18	Ladysmith Health Region	8	0.0%
19	Lower Umfolozi (elsewhere)	58	0.1%
20	Mdletshe Tribal Area	4	0.0%
21	Mpumalanga	15	0.0%
22	Mpukunyoni Tribal Area (not further specified)	2	0.0%
23	Mtubatuba	44	0.0%
24	Mtuba vicinity	2	0.0%
25	Mozambique	1	0.0%
26	Newcastle Health Region	37	0.0%
27	Nongoma Area	58	0.1%
28	Ngotshe Area	1	0.0%
29	Northern Sector	39	0.0%
30	North-West RSA	1	0.0%
31	Outside Sub-Saharan Africa	0	
32	Port Shepstone / Kokstadt Health Region	2	0.0%
33	Pietermaritzburg Health Region	20	0.0%
34	Pongola Area	16	0.0%
35	Primary School	1	0.0%
36	Richards Bay Area	199	0.2%
37	RPL	367	0.4%
38	Republic South Africa (elsewhere)	0	
39	St. Lucia	10	0.0%
40	Secondary School	2	0.0%
41	Swaziland	1	0.0%
42	Ulundi HealthRegion	43	0.0%
43	Ubombo / Ngwavuma Health District	84	0.1%
44	Unknown	82885	92.5%
45	Western Cape	5	0.0%
46	Elsewhere	1	0.0%
47	Hlabisa District (outside MTA)	1	0.0%
93	Refused	0	
94	Query	0	
95	Default	0	

File : RD01-04 ACDIS Pregnancies

FirstANCLocation: Label associated with code in previous variable

Value	Label	Cases	Percentage
96	Other	3	0.0%
97	Non applicable	1	0.0%
98	Don't know	128	0.1%
99	Missing	1	0.0%
Sysmiss		12573	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

LastRecordedName: Last Recorded Name

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=17077 /-] [Invalid=0 /-]

FirstANCCareProvider: Care Provider at First ANC

Information	[Type= discrete] [Format=numeric] [Range= 0-255] [Missing=*]
Statistics [NW/ W]	[Valid=102200 /-] [Invalid=4 /-]

Value	Label	Cases	Percentage
0	_none	13	0.0%
10	Medical Professional	55	0.1%
11	Medical Doctor	129	0.1%
12	Specialised Medical Doctor	58	0.1%
13	General Practitioner	50	0.0%
15	Nurse / Midwife	18800	18.4%
20	Traditional Healer	9	0.0%
30	Counsellor	0	
31	Physician	0	
32	Pharmacist	0	
33	Laboratory Worker	0	
66	Other Health Professional	7	0.0%
70	Community Health Worker	1	0.0%
71	Family Member	8	0.0%
72	Self	5	0.0%
80	Neighbour	11	0.0%
93	_refused	2	0.0%
94	_query	0	
95	_default	2439	2.4%
96	_other	3	0.0%
97	_non applicable	80457	78.7%
98	_don't know	148	0.1%
99	_missing	5	0.0%
255	_deprecated	0	
Sysmiss		4	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Outcome: Outcome of pregnancy

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=102204 /-] [Invalid=0 /-]

File : RD01-04 ACDIS Pregnancies

LCnt: Live birth count in this delivery

Information [Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]

Statistics [NW/ W] [Valid=98278 /-] [Invalid=3926 /-]

SCnt: Stillbirth count this delivery

Information [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]

Statistics [NW/ W] [Valid=98278 /-] [Invalid=3926 /-]

DeliverySetting: Setting of Delivery

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=100243 /-] [Invalid=1961 /-]

Value	Label	Cases	Percentage
1	Own Home	5642	5.6%
2	Working Place	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	0.0%
31	Mobile Clinic	108	0.1%
32	GP Surgery	432	0.4%
33	Traditional Healer's Place	4	0.0%
40	Primary School (not further specified)	1	0.0%
41	Governmental (public) Primary School	21	0.0%
42	Private Primary School	4	0.0%
50	Secondary School (not further specified)	0	
51	Governmental (public) Secondary School	1	0.0%
52	Private Secondary School	1	0.0%
60	Tertiary Educational Institution	1	0.0%
66	Other Educational Facility	1	0.0%
86	Other Homestead	113	0.1%
94	_query	1	0.0%
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	4.0%
Sysmiss		1961	

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DeliverySettingType: Type of DeliverySetting

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-]

File : RD01-04 ACDIS Pregnancies

RPLType: Type of Delivery Location

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-]

DeliveryLocation: Location of Pregnancy End Event

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=92642 /-] [Invalid=0 /-]

CareProvider: Care Provider at delivery

Information [Type= discrete] [Format=numeric] [Range= 0-255] [Missing=*]

Statistics [NW/ W] [Valid=100243 /-] [Invalid=1961 /-]

Value	Label	Cases	Percentage
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	0.0%
31	Physician	0	
32	Pharmacist	0	
33	Laboratory Worker	0	
66	Other Health Professional	62	0.1%
70	Community Health Worker	16	0.0%
71	Family Member	4004	4.0%
72	Self	1315	1.3%
80	Neighbour	474	0.5%
93	_refused	26	0.0%
94	_query	0	
95	_default	36262	36.2%
96	_other	126	0.1%
97	_non applicable	6	0.0%
98	_don't know	459	0.5%
99	_missing	3994	4.0%
255	_deprecated	2	0.0%
Sysmiss		1961	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

MotherAge: Mother's age

Information [Type= continuous] [Format=numeric] [Range= 2-999] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-] [Invalid=0 /-] [Mean=24.944 /-] [StdDev=16 /-]

MotherDoB: Mother's date of Birth

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=102204 /-]

File : RD01-04 ACDIS Pregnancies

Source: Source of Info on the pregnancy

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=102204 /-] [Invalid=0 /-]

EarliestWSODate: Date of woman's earliest Women Status Observation

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=99062 /-]

EarliestSODate: Date of woman's earliest Member Status Observation

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=102202 /-]

HasMH: Has a maternal history

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=102204 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	99062	96.9%
2	No	3142	3.1%
90	SpecialQuery	0	
92	Deprecated	0	
93	Refused	0	
94	Query	0	
95	Default	0	
96	Other	0	
97	Not Applicable	0	
98	Don't know	0	
99	Missing	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

BirthOrder: Birth Order

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=102204 /-] [Invalid=0 /-]