

# South Africa - Migration Health Follow-up Study II (MHFUS II)

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## Overview

### Identification

ID NUMBER  
AHPU.ZA011.MHFUS.2017

### Overview

#### ABSTRACT

The study seeks to better understand relationships between migration, urbanisation, and health in a transition setting through following-up migrants who leave the Agincourt study area in rural Mpumalanga, usually to access employment. The project draws on the long-standing repository of personal and household data collected through the Agincourt Health and Demographic Surveillance System (HDSS). The research is designed to show how migration and urbanisation changes risk factors for health conditions and access to treatment, and to establish whether barriers to care are created by migration. One part of the study enrolls a sample of current residents of the rural origin sub-district population into a new longitudinal cohort, designed to be representative of the population of over 18 year-olds and indicative (with stratification in sampling) of the experience of both migrants and non-migrants. This companion part of the study sample makes use of the existing HDSS to (a) analyze key phenomena on the entire population with the statistical power and richness of the full HDSS and (b) link the HDSS historical data to the sample longitudinal data described above. Thus, we are requesting the data modules that contain key socio-demographic measures from 1992 - 2016. These data will additionally support Becca Wang's related dissertation research that examines migrants' social ties with their origin community in Agincourt, a valuable companion study to the MHFUS itself.

#### UNITS OF ANALYSIS

Individual- or household-level (depending on the census module)

Anonymized ID-but linkable across dataset and to the MHFUS sample-is OK

### Coverage

#### GEOGRAPHIC COVERAGE

Agincourt HDSS population.

### Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Dr. Michael White	
Becca Wang	
Mark Collinson	
Carren Ginsburg	

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# Sampling

## Sampling Procedure

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The HDSS census data modules will supply historical background data on sampled individuals, their households, and communities to facilitate analyses. Part of these analyses will include cross-referencing individual- and household-level characteristics collected from the MHFUS II baseline survey with the HDSS historical data. Details of Wang's planned analyses are provided in Appendix 1. In addition, we will use the full HDSS to (a) provide methodological analyses of sample representativeness and the determinants of non-response and attrition (b) full census-level background analysis of the study population, with particular reference to permanent and temporary migration by age and sex; and (c) event history analyses of how life cycle and duration process, e.g. migration, are shaped by individual, household and village characteristics.

We recognise that under Mark Collinson and Carren Ginsburg's leadership there are other analyses underway in this theme and we will ensure that they are included in analytic plans to ensure that another is not working on the same question.

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2017	2017	P1

### Time Periods

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2017	2017	N/A

# Data Processing

No content available

# Data Appraisal

No content available

# File Description



# Variable List

## Temporary\_Migration

Content

Cases 43100

Variable(s) 62

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V1	Year	Year	discrete	numeric	
V2	Id_Anon	Id_Anon	discrete	character	
V3	TMID_Anon	TMID_Anon	discrete	character	
V4	Respondent	Respondent	discrete	character	
V5	RespondentId_Anon	RespondentId_Anon	discrete	character	
V6	Duration	Duration	discrete	numeric	
V7	Place1	Place1	discrete	character	
V8	Town1	Town1	discrete	character	
V9	Province1	Province1	discrete	character	
V10	Country1	Country1	discrete	character	
V11	Place2	Place2	discrete	character	
V12	Town2	Town2	discrete	character	
V13	Province2	Province2	discrete	character	
V14	Country2	Country2	discrete	character	
V15	Place3	Place3	discrete	character	
V16	Town3	Town3	discrete	character	
V17	Province3	Province3	discrete	character	
V18	Country3	Country3	discrete	character	
V19	Place3Plus	Place3Plus	discrete	character	
V20	Reason1	Reason1	discrete	character	
V21	Reason2	Reason2	discrete	character	
V22	ReasonSpecified	ReasonSpecified	discrete	character	
V23	JobFound	JobFound	discrete	character	
V24	WorkType	WorkType	discrete	numeric	
V25	ReturnPattern	ReturnPattern	discrete	character	
V26	PatternSpecified	PatternSpecified	discrete	character	
V27	PrevVisitDate	PrevVisitDate	discrete	numeric	

ID	Name	Label	Type	Format	Question
V28	PrevCommDate	PrevCommDate	discrete	numeric	
V29	CommMode	CommMode	discrete	character	
V30	CommModeSpecified	CommModeSpecified	discrete	character	
V31	Remittance	Remittance	discrete	character	
V32	RemitMoney	RemitMoney	discrete	character	
V33	RemitClothes	RemitClothes	discrete	numeric	
V34	RemitFood	RemitFood	discrete	numeric	
V35	RemitOther	RemitOther	discrete	numeric	
V36	RemitOtherSpec	RemitOtherSpec	discrete	character	
V37	ItemsBought	ItemsBought	discrete	character	
V38	ItemsSpec	ItemsSpec	discrete	character	
V39	MoneyGivenTo	MoneyGivenTo	discrete	numeric	
V40	MSHouse	MSHouse	discrete	numeric	
V41	MSCattle	MSCattle	discrete	numeric	
V42	MSFood	MSFood	discrete	numeric	
V43	MSClothes	MSClothes	discrete	numeric	
V44	MSTrade	MSTrade	discrete	numeric	
V45	MSElectricity	MSElectricity	discrete	numeric	
V46	MSComms	MSComms	discrete	numeric	
V47	MSTransport	MSTransport	discrete	numeric	
V48	MSHealth	MSHealth	discrete	numeric	
V49	MSSchool	MSSchool	discrete	numeric	
V50	MSOther	MSOther	discrete	numeric	
V51	MSOtherSpec	MSOtherSpec	discrete	character	
V52	RemitAmount	RemitAmount	discrete	numeric	
V53	RemitAvg	RemitAvg	discrete	numeric	
V54	LMChildrenO	LMChildrenO	discrete	numeric	
V55	LMChildrenW	LMChildrenW	discrete	numeric	
V56	LMChildCare	LMChildCare	discrete	numeric	
V57	LMPartnerReturn	LMPartnerReturn	discrete	numeric	
V58	LMPartnerVisit	LMPartnerVisit	discrete	numeric	
V59	LMOther	LMOther	discrete	numeric	
V60	LMOtherSpec	LMOtherSpec	discrete	character	
V61	ChildrenRemain	ChildrenRemain	discrete	character	
V62	Comments	Comments	discrete	character	

## UnionEpisodesX

Content

Cases 53400

Variable(s) 10

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V63	RankUnion	RankUnion	discrete	numeric	
V64	RespondentId	RespondentId	discrete	numeric	
V65	RespondentId_Anon	RespondentId_Anon	discrete	character	
V66	PartnerID	PartnerID	discrete	numeric	
V67	PartnerId_Anon	PartnerId_Anon	discrete	character	
V68	InitiatingUEventType	InitiatingUEventType	discrete	character	
V69	TerminatingUEventType	TerminatingUEventType	discrete	character	
V70	UnionStatus	UnionStatus	discrete	character	
V71	Union_StartDate	Union_StartDate	discrete	character	
V72	Union_EndDate	Union_EndDate	discrete	character	



## Year (Year)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43100
Format: numeric	Invalid: 0
Decimals: 0	
Range: 2002-2012	

## Id\_Anon (Id\_Anon)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43100
Format: character	Invalid: 0
Width: 5	

## TMID\_Anon (TMID\_Anon)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43100
Format: character	Invalid: 0
Width: 5	

## Respondent (Respondent)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43100
Format: character	Invalid: 0
Width: 1	

## RespondentId\_Anon (RespondentId\_Anon)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 29712
Format: character	Invalid: 0
Width: 5	

## Duration (Duration)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 41105
Format: numeric	Invalid: 1995
Decimals: 0	
Range: 0-245	

## Place1 (Place1)

## File: Temporary\_Migration

**Overview**

Type: Discrete

Format: character

Width: 255

Valid cases: 43092

## Town1 (Town1)

## File: Temporary\_Migration

**Overview**

Type: Discrete

Format: character

Width: 28

Valid cases: 43095

Invalid: 0

## Province1 (Province1)

## File: Temporary\_Migration

**Overview**

Type: Discrete

Format: character

Width: 13

Valid cases: 43099

Invalid: 0

## Country1 (Country1)

## File: Temporary\_Migration

**Overview**

Type: Discrete

Format: character

Width: 2

Valid cases: 43098

Invalid: 0

## Place2 (Place2)

## File: Temporary\_Migration

**Overview**

Type: Discrete

Format: character

Width: 19

Valid cases: 16180

Invalid: 0

## Town2 (Town2)

## File: Temporary\_Migration

**Overview**

Type: Discrete

Format: character

Width: 19

Valid cases: 16353

Invalid: 0

## Province2 (Province2)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 28633
Format: character	Invalid: 0
Width: 2	

## Country2 (Country2)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 28633
Format: character	Invalid: 0
Width: 2	

## Place3 (Place3)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 16048
Format: character	Invalid: 0
Width: 14	

## Town3 (Town3)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 16014
Format: character	Invalid: 0
Width: 13	

## Province3 (Province3)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 27891
Format: character	Invalid: 0
Width: 2	

## Country3 (Country3)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 27897
Format: character	Invalid: 0
Width: 2	



## Place3Plus (Place3Plus)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 43099
Format: character	Invalid: 0
Width: 2	

## Reason1 (Reason1)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 43039
Format: character	Invalid: 0
Width: 2	

## Reason2 (Reason2)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 13496
Format: character	Invalid: 0
Width: 2	

## ReasonSpecified (ReasonSpecified)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 8817
Format: character	Invalid: 0
Width: 97	

## JobFound (JobFound)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 522
Format: character	Invalid: 0
Width: 1	

## WorkType (WorkType)

### File: Temporary\_Migration

#### Overview

Type: Discrete	Valid cases: 32786
Format: numeric	Invalid: 10314
Decimals: 0	
Range: 0-36	

## ReturnPattern (ReturnPattern)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43097
Format: character	Invalid: 0
Width: 2	

## PatternSpecified (PatternSpecified)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 9968
Format: character	Invalid: 0
Width: 100	

## PrevVisitDate (PrevVisitDate)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43096
Format: numeric	Invalid: 4
Decimals: 0	
Range: -36522-114257	

## PrevCommDate (PrevCommDate)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43099
Format: numeric	Invalid: 1
Decimals: 0	
Range: -36522-219455	

## CommMode (CommMode)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 43099
Format: character	Invalid: 0
Width: 5	

## CommModeSpecified (CommModeSpecified)

## File: Temporary\_Migration

**Overview**

Type: Discrete	Valid cases: 11906
Format: character	Invalid: 0
Width: 73	

## Remittance (Remittance)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 43097  
Invalid: 0

## RemitMoney (RemitMoney)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 3  
Invalid: 0

## RemitClothes (RemitClothes)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## RemitFood (RemitFood)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## RemitOther (RemitOther)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## RemitOtherSpec (RemitOtherSpec)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: character  
Width: 35

Valid cases: 52  
Invalid: 0

## ItemsBought (ItemsBought)

File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 43094  
 Invalid: 0

## ItemsSpec (ItemsSpec)

File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: character  
 Width: 99

Valid cases: 4114  
 Invalid: 0

## MoneyGivenTo (MoneyGivenTo)

File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0  
 Range: 100016-602073

Valid cases: 12706  
 Invalid: 30394

## MSHouse (MSHouse)

File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0  
 Range: 441188-552109

Valid cases: 2  
 Invalid: 43098

## MSCattle (MSCattle)

File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## MSFood (MSFood)

File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## MSClothes (MSClothes)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSTrade (MSTrade)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSElectricity (MSElectricity)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSComms (MSComms)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSTransport (MSTransport)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSHealth (MSHealth)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSSchool (MSSchool)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSOther (MSOther)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0

Valid cases: 0  
Invalid: 43100

## MSOtherSpec (MSOtherSpec)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: character  
Width: 69

Valid cases: 295  
Invalid: 0

## RemitAmount (RemitAmount)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0  
Range: 0-150200

Valid cases: 17561  
Invalid: 25539

## RemitAvg (RemitAvg)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0  
Range: -9000-1444000

Valid cases: 17269  
Invalid: 25831

## LMChildrenO (LMChildrenO)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: numeric  
Decimals: 0  
Range: 8400-8400

Valid cases: 1  
Invalid: 43099

## LMChildrenW (LMChildrenW)

## File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## LMChildCare (LMChildCare)

## File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## LMPartnerReturn (LMPartnerReturn)

## File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## LMPartnerVisit (LMPartnerVisit)

## File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## LMOther (LMOther)

## File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: numeric  
 Decimals: 0

Valid cases: 0  
 Invalid: 43100

## LMOtherSpec (LMOtherSpec)

## File: Temporary\_Migration

**Overview**

Type: Discrete  
 Format: character  
 Width: 255

Valid cases: 1144

## ChildrenRemain (ChildrenRemain)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 43095  
Invalid: 0

## Comments (Comments)

### File: Temporary\_Migration

#### Overview

Type: Discrete  
Format: character  
Width: 255

Valid cases: 163



## RankUnion (RankUnion)

File: UnionEpisodesX

**Overview**

Type: Discrete	Valid cases: 53400
Format: numeric	Invalid: 0
Decimals: 0	
Range: 1-1	

## RespondentId (RespondentId)

File: UnionEpisodesX

**Overview**

Type: Discrete	Valid cases: 53400
Format: numeric	Invalid: 0
Decimals: 0	
Range: 100010-654703	

## RespondentId\_Anon (RespondentId\_Anon)

File: UnionEpisodesX

**Overview**

Type: Discrete	Valid cases: 53400
Format: character	Invalid: 0
Width: 5	

## PartnerID (PartnerID)

File: UnionEpisodesX

**Overview**

Type: Discrete	Valid cases: 47354
Format: numeric	Invalid: 6046
Decimals: 0	
Range: 1-654703	

## PartnerId\_Anon (PartnerId\_Anon)

File: UnionEpisodesX

**Overview**

Type: Discrete	Valid cases: 47354
Format: character	Invalid: 0
Width: 5	

## InitiatingUEEventType (InitiatingUEEventType)

File: UnionEpisodesX

**Overview**

Type: Discrete	Valid cases: 53400
Format: character	Invalid: 0
Width: 1	

## TerminatingUEEventType (TerminatingUEEventType)

File: UnionEpisodesX

**Overview**

Type: Discrete

Format: character

Width: 1

Valid cases: 53400

Invalid: 0

## UnionStatus (UnionStatus)

File: UnionEpisodesX

**Overview**

Type: Discrete

Format: character

Width: 14

Valid cases: 53400

Invalid: 0

## Union\_StartDate (Union\_StartDate)

File: UnionEpisodesX

**Overview**

Type: Discrete

Format: character

Width: 10

Valid cases: 53400

Invalid: 0

## Union\_EndDate (Union\_EndDate)

File: UnionEpisodesX

**Overview**

Type: Discrete

Format: character

Width: 10

Valid cases: 53400

Invalid: 0

# Documentation

## Questionnaires

### Migration Health Follow-up Study II (MHFUS II) Data Request

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Title Migration Health Follow-up Study II (MHFUS II) Data Request  
Author(s) Dr. Michael White,Becca Wang,Mark Collinson,Carren Ginsburg  
Date 30/04/2018  
Country South Africa  
Language English  
Filename Agincourt\_Data\_Request\_Follow\_Up\_Nov\_22.docx

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