

MESEBETSI SAMPLING AND ADMINISTRATIVE VARIABLES FILE: CODEBOOK

SYSDATA INFO: \ Mesebetsi Admin data.sav

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N of Cases: 50 949
 Total # of Defined Variable Elements: 63
 File Contains Case Data
 File Is Compatible with SPSS Releases Prior to 7.5

Variable Information:

Name	Position
RECNUM Household Record number Measurement level: Scale Format: F6 Column Width: Unknown Alignment: Right	1
ROSNUM Column number of person in HH Measurement level: Scale Format: F3 Column Width: Unknown Alignment: Right	2
RSI RSI indicator Measurement level: Scale Format: F3 Column Width: Unknown Alignment: Right	3
Value Label	
0 Not RSI	
1 RSI	
8 RSI chosen; HH and RSI questionnaires not completed	
9 Roster data valid; RSI questionnaire not completed	
EACODE District and EA number Measurement level: Scale Format: F8 Column Width: Unknown Alignment: Right	4
REPLIC Sample Replicate number Measurement level: Scale Format: F8.2 Column Width: Unknown Alignment: Right	5

STRATUM	Sampling stratum	6
	Measurement level: Scale	
	Format: F8.2 Column Width: Unknown Alignment: Right	
	Value Label	
	1.00 Urban small	
	2.00 Rural small	
	3.00 Urban Large	
	4.00 Rural Large	
	5.00 0-stratum	
RELWEIG2	Relative second stage estimation weight	7
	Measurement level: Scale	
	Format: F8.6 Column Width: Unknown Alignment: Right	
RELWEIG3	Relative third stage estimation weight	8
	Measurement level: Scale	
	Format: F8.6 Column Width: Unknown Alignment: Right	
EXPWEIG2	Expansion second stage estimation weight	9
	Measurement level: Scale	
	Format: F8.2 Column Width: Unknown Alignment: Right	
EXPWEIG3	Expansion third stage estimation weight	10
	Measurement level: Scale	
	Format: F8.2 Column Width: Unknown Alignment: Right	
EATYPE5	Enumeration area code	11
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
	Value Label	
	1 Urban formal	
	2 Urban informal	
	3 Commercial farms	
	4 Traditional rural	
	5 Other rural	
	6 Urban, 1996 0 or institutional EA	
	7 Rural, 1996 0 or institutional EA	
	99 Unknown or dummy	
RURBAN	Urban/ non-urban EA	12
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
	Value Label	
	1 Urban	
	2 Non-urban	

AI1 Province, District 13
 Measurement level: Scale
 Format: F3 Column Width: 4 Alignment: Right

Value	Label		
101	Bellville	252	Elliotdale
102	Goodwood	253	Engcobo
103	Cape	254	Flagstaff
104	Simonstown	255	Idutywa
105	Wynberg	256	Kentani
106	Mitchellsplain	257	Libode
107	Kuilsrivier	258	Lusikisiki
108	Paarl	259	Maluti
109	Stellenbosch	260	Mt Ayliff
111	Strand	261	Mt Fletcher
114	Caledon	262	Mt Frere
116	Heidelberg	263	Mqanduli
118	George	264	Ngqueleni
119	Knysna	265	Nqamakwe
120	Mosselbay	266	Port St Johns
124	Oudtshoorn	267	Qumbu
127	Montagu	268	Cofimvaba
128	Robertson	269	Tabankulu
130	Worcester	270	Tsolo
132	Malmesbury	271	Tsomo
133	Piketberg	272	Umtata
134	Vredenburg	273	Willowvale
136	Clanwilliam	274	Cala
137	Van Rhynsdorp	275	Lady Frere
139	Beaufortwest	276	Sterkspruit
203	Lady Grey	277	Umzimkulu
210	Maclear	301	Namakwaland
215	Queenstown	306	Prieska
217	Stutterheim	314	Richmond
219	East London	315	Gordonia
221	Albany	317	Barkley-West
224	Bathurst	319	Herbert
226	Fort Beaufort	321	Kimberley
227	Somerset East	323	Postmasburg
229	Cradock	325	Fraserburg
230	Middelburg	401	Boshof
237	Hankey	406	Odendaalsrus
238	Humansdorp	407	Virginia
240	Port Elizabeth	408	Welkom
241	Uitenhage	409	Bothaville
242	Mdantsane	410	Bultfontein
243	Zwelitsha	411	Heilbron
244	Hewu	415	Kroonstad
245	Keiskammahoek	416	Parys
246	Mpofu	417	Theunissen
247	Victoria East	418	Ventersburg
248	Middeldrift	421	Wesselsbron
249	Peddie	422	Bethlehem
250	Bizana	425	Frankfort
251	Butterworth	427	Lindley

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428	Reitz	550	Ingwavuma
429	Senekal	551	Simdlangentsha
430	Vrede	601	Huhudi
432	Clocolan	602	Kudumane
433	Dewetsdorp	603	Vryburg
435	Excelsior	604	Phokwani
443	Winburg	605	Mmabatho
444	Botshabelo	606	Madikwe
445	Bloemfontein	607	Lichtenburg
446	Smithfield	608	Delareyville
449	Zastron	609	Schweizer-Renecke
450	Sasolburg	610	Wolmaransstad
451	Thaba Nchu	612	Klerksdorp
452	Witsieshoek	613	Ventersdorp
501	Durban	614	Potchefstroom
502	Inanda	615	Mankwe
503	Pinetown	616	Rustenburg
504	Chatsworth	617	Brits
505	Camperdown	618	Ga Rankuwa
506	Richmond	619	Temba
507	Pietermaritzburg	701	Pretoria
508	Umzinto	702	Soshanguve
509	Ixopo	703	Wonderboom
510	Alfred	704	Johannesburg
511	Port Shepstone	705	Randburg
512	Mount Currie	706	Alberton
513	Underberg	707	Benoni
514	Polela	708	Boksburg
515	Impendle	709	Germiston
516	Kranskop	710	Kempton Park
517	Lions River	711	Brakpan
518	New Hanover	712	Heidelberg
519	Mooi River	714	Springs
520	Umvoti	715	Krugersdorp
521	Bergville	716	Oberholzer
522	Escourt	717	Randfontein
523	Klipriver	718	Roodepoort
525	Dannhauser	719	Westonaria
526	Dundee	721	Cullinan
528	Newcastle	722	Vereeniging
533	Vryheid	723	Vanderbijlpark
534	Eshowe	724	Soweto
535	Hlabisa	801	Amersfoort
536	Lower Umfolozi	802	Bethal
538	Mtunzini	803	Carolina
539	Ubombo	804	Ermelo
540	Lower Tugela	805	Piet Retief
541	Umbumbulu	806	Standerton
542	Umlazi	808	Wakkerstroom
543	Ndwendwe	809	Kriel
544	Mapumulo	810	Balfour
545	Nkandla	811	Hoefeldrif
546	Nqutu	812	Delmas
547	Msinga	814	Groblersdal
548	Mahlabathini	817	Witbank
549	Nongoma	818	Moutse

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819	Barberton	912	Hlanganani
821	Nelspruit	914	Mhala
822	Pelgrimsrust	915	Ritavi
824	Eerstehoek	916	Giyani
825	Nkomazi	918	Bolobedu
826	Nsikazi	919	Sekgosese
827	Mdutjana	920	Bochum
828	Mkobola	921	Mokerong
829	Mbibana	922	Seshego
830	Kwamhlanga	923	Thabamopo
831	Moretele	924	Nebo
902	Messina	925	Sekhukhuneland
904	Pietersburg	926	Naphuno
905	Soutpansberg	927	Mapulaneng
906	Potgietersrus	928	Dzanani
907	Waterberg	929	Mutali
908	Ellisras	930	Thohoyandou
909	Thabazimbi	931	Vuwani
911	Malamulela		

AI2	Enumeration Area	14
	Measurement level: Scale	
	Format: F4 Column Width: 5 Alignment: Right	
AI3	ID # of Household in EA	15
	Measurement level: Scale	
	Format: F3 Column Width: 3 Alignment: Right	
AS1	Interviewer	16
	Measurement level: Scale	
	Format: F3 Column Width: Unknown Alignment: Right	
AS2	Supervisor	17
	Measurement level: Scale	
	Format: F3 Column Width: Unknown Alignment: Right	
AS3	Did supervisor sit in on interview?	18
	Measurement level: Scale	
	Format: F1 Column Width: Unknown Alignment: Right	
	Value Label	
	1 Yes	
	2 No	
AS4	Re-interview carried out?	19
	Measurement level: Scale	
	Format: F1 Column Width: Unknown Alignment: Right	
	Value Label	
	1 Yes	
	2 No	

AS5	Editor	20
	Measurement level: Scale	
	Format: F3 Column Width: Unknown Alignment: Right	
AS6	Coder	21
	Measurement level: Scale	
	Format: F3 Column Width: Unknown Alignment: Right	
AS7	Data entry operator	22
	Measurement level: Scale	
	Format: F3 Column Width: Unknown Alignment: Right	
AR1	Total visits carried out	23
	Measurement level: Scale	
	Format: F1 Column Width: Unknown Alignment: Right	
AR2	Interview status	24
	Measurement level: Scale	
	Format: F2 Column Width: 3 Alignment: Right	
	For more information, see the Appendix at the end of this document.	

Value Label

- 1 Interview completed
- 2 Refusal converted
- 3 Partly completed
- 4 Status not determined
- 5 No usable information
- 6 Dwelling unit did not exist
- 7 Dwelling unit is vacant
- 8 Dwelling unit under construction
- 9 Not eligible
- 10 No contact
- 11 Refusal

AR4D	Interview 1 day	25
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR4M	Interview 1 month	26
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR5H	Start of interview (hour)	27
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR5M	Start of interview (minute)	28
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR6H	Stop of interview (hour)	29
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	

AR6M	Stop of interview (minute)	30
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR7D	Interview 2 day	31
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR7M	Interview 2 month	32
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR8H	Start of interview (hour)	33
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR8M	Start of interview (minute)	34
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR9H	Stop of interview (hour)	35
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR9M	Stop of interview (minute)	36
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR10D	Interview 3 day	37
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR10M	Interview 3 month	38
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR11H	Start of interview (hour)	39
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR11M	Start of interview (minute)	40
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR12H	Stop of interview (hour)	41
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR12M	Stop of interview (minute)	42
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR13D	Edited day	43
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	

AR13M	Edited month	44
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR14D	Coded day	45
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR14M	Coded month	46
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR15D	Data entry day	47
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AR15M	Data entry month	48
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AC1	Main respondent HH_Que	49
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AC2	Additional Respondent HH_Que	50
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AC3	Roster number of RSI	51
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AC4	Number of HH members (incl. visitors)	52
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	
AC5	Total # of HH questionnaires	53
	Measurement level: Scale	
	Format: F1 Column Width: Unknown Alignment: Right	
AC6	Number of this questionnaire	54
	Measurement level: Scale	
	Format: F1 Column Width: Unknown Alignment: Right	
AC7	Language of HH interview:	55
	Measurement level: Scale	
	Format: F2 Column Width: Unknown Alignment: Right	

Value Label

- 1 English
- 2 Afrikaans
- 3 Zulu
- 4 Xhosa
- 5 Tswana
- 6 N Sotho, Pedi

- 7 S Sotho
- 8 Ndebele
- 9 Tsonga, Shangaan
- 10 Venda
- 11 Swati
- 12 Other
- 13 Asian language

AC8 Language of RSI interview: 56
 Measurement level: Scale
 Format: F2 Column Width: Unknown Alignment: Right

Value Label

- 1 English
- 2 Afrikaans
- 3 Zulu
- 4 Xhosa
- 5 Tswana
- 6 N Sotho, Pedi
- 7 S Sotho
- 8 Ndebele
- 9 Tsonga, Shangaan
- 10 Venda
- 11 Swati
- 12 Other
- 13 Asian language

FPTE Total eligible 57
 Measurement level: Scale
 Format: F2 Column Width: Unknown Alignment: Right

FPSN Selection number from Grid 58
 Measurement level: Scale
 Format: F2 Column Width: Unknown Alignment: Right

FPCN Column number of selected person 59
 Measurement level: Scale
 Format: F2 Column Width: Unknown Alignment: Right

FPA Gender / sex 60
 Measurement level: Scale
 Format: F1 Column Width: Unknown Alignment: Right

Value Label

- 1 Men
- 2 Women

FPB Age at last birthday 61
 Measurement level: Scale
 Format: F2 Column Width: Unknown Alignment: Right

Value Label

- 99 Dont know

FPC Person is resident of the household, or a visitor? 62
Measurement level: Scale
Format: F1 Column Width: Unknown Alignment: Right

Value Label

- 1 Resident
- 2 Visitor

FPD Has person stayed four nights per week for past four weeks? 63
Measurement level: Scale
Format: F1 Column Width: Unknown Alignment: Right

Value Label

- 1 Yes
- 2 No, but in hospital, boarding school
- 3 No, other

Appendix: Mesebetsi Interview Status Categories and The measurement of Non-response

This memo describes how non-response and problems relating to the sampling frame and the execution of the survey may be reported. The framework is based on that put forward by Hidiroglou, Drew and Gray (1993) and is shown in figure 1.

The framework takes as its point of departure the study population as defined in the sampling frame, i.e. the study population. The difference between the study population and the theoretical population (i.e. the population one would like to study in ideal world) is not considered, except in the cases where the theoretical population is a sub-set of that represented in the sampling frame. Accordingly, the relation between the study population as represented by the sampling frame and the theoretical population should also be reported in addition to the measures presented here

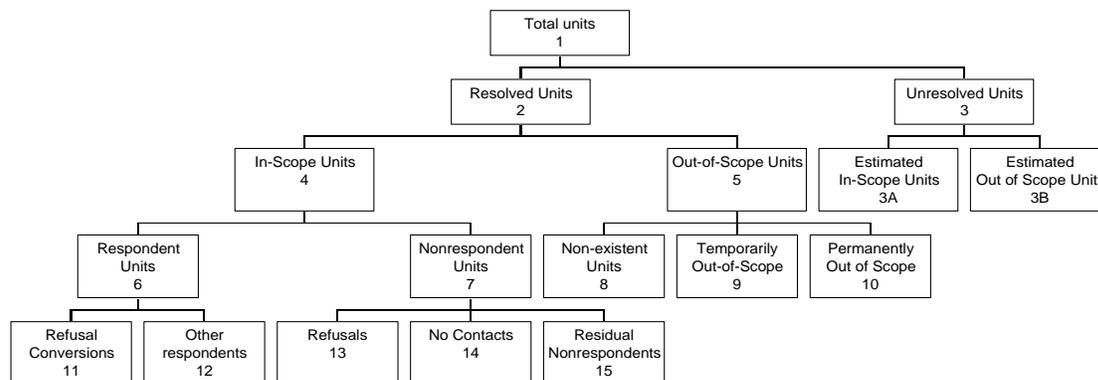


Figure 1: Components of response and non-response

The total units (1) are all those represented in the sample when the survey starts.

The resolved units (2) are the units whose status as belonging to the survey or not is clear at the end of the data collection.

The unresolved units (3) are those whose status is not clear at the end of the data collection phase. In a survey where households are selected from lists of dwellings, an unresolved unit would be one where no contacts could be made, and it could not be determined if somebody actually lived in the dwelling or not.

Within the category of resolved units In-scope (4) and Out-of-scope units (5) are distinguished.

The In-scope units (4) are those which properly belong to the survey.

The out of scope units (5) are those which do not belong to the survey, but who nevertheless were represented in the sample.

Among the Out-of Scope units, the non-existent units (8) are the units that are represented in the sample, but that turn out not to exist. In a survey of dwellings, a demolished house would give rise to non-existent units. Such units should be removed from the frame for later surveys.

The temporarily out-of-scope units (9) are those which at the survey is not to be included among the respondents but which at a later survey may be included. An example would be a temporarily vacant dwelling. Accordingly, such units should not be removed from the frame.

The permanently out of scope units (10) are those units that has been included in the frame without belonging there. A listed dwelling that is really a shop would be one case.

The In-scope Units (4) are broadly divided into those for which data have been collected, and those for which no data have been collected.

The respondent units (6) consists of the refusal conversions (11) and the other respondents (12).

The refusal conversions (11) are those units that have refused to answer initially, but who on a second or later visit (or other approach) supply information.

The other respondents (12) are the hopefully great majority in the survey which willingly supply answers at first contact for interview.

The non-respondents (7) are divided into several categories:

The refusals (13) are those who decline to be interviewed.

The no-contact group (14) consists of those where the status of the unit is clear (it exists and falls within the scope), but contact could not be made.

The residual non-respondents (15) are those for which no useful information could be obtained. That may be because a respondent has mental problems, he or she obviously gives misleading answers or similar.

The framework may be used both as an aid to the evaluation of the sampling frame, and for evaluation of the interviewing process itself. The following table shows the main computations possible, and their role in evaluation. One should note, however, that although some rates have been attributed to the field work, such as the refusal rate, it may also be related to sample design where surveys use the same respondents for several surveys or waves of the same survey.

Table 1: Computational framework

	Computation	Evaluates
Resolved rate	resolved units (2) / Total units(1)	Field work
In-Scope rate	In scope(4) / resolved(2)	Sample frame
Response rate	(6) / (Unresolved(3)+ In scope(4))	Field work
Refusal conversion rate	refusal conversions (11) / ((11)+refusals(13))	Field work
Non response rate	(Non respondents (7) + Unresolved(3)) / (Unresolved (3) + In scope(4))	Field work
Refusal rate	Refusals (13) / In scope(4)	Field work
No-contact rate	(No contact (14) +Unresolved (3)) / (Unresolved (3) + In scope(4))	Field work
Residual non-response rate	Other non reponse(15) / In scope (4)	Field work
Out-of-Scope rate	Out of scope (5) / Resolved (2)	Sample frame
Non-Existent rate	Non existent (8) / Resolved (2)	Sample frame
Temporarily Out-of-Scope rate	(9) / (2)	Sample frame
Permanently out-of scope rate	(10) / (2)	Sample frame

The following table shows how the framework may be operationalised in a specific survey, namely the FAFO/ SA Department of Labour labour force survey of South Africa.

Table 2: Use of non-response framework in the Mesebetsi

Code	Explanation	Type
1	Interview completed	6
2	Refusal converted	6
3	Interview partially completed	6
4	Status not determined (nobody at home, no neighbour information)	3

5	Other reasons for non-completion (unable to conduct interview because information given is clearly useless etc.)	15
<hr/>		
6	Dwelling unit did not exist/ was other type of estate	8
7	Dwelling unit is vacant	9
8	Dwelling under construction	8
9	Household consists of people not eligible for the survey (diplomats, missionaries, NGO-workers etc)	10
10	Household could not be contacted (minimum 3 tries)	14
11	Refusal	13

As will be noted, only some of the categories have direct correspondence to answer alternatives in the questionnaire. This is mainly because some categories are sums of others.

Reference:

Hidiroglou, M., J. Drew and G. Gray. 1993, The measurement of non-response in surveys. *Survey Methodology* 19: 81-94.