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# Selected development indicators

**2010**

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**List of abbreviations**

EC	Eastern Cape
FS	Free State
GP	Gauteng
KZN	KwaZulu-Natal
LP	Limpopo
MP	Mpumalanga
NC	Northern Cape
NW	North West
RSA	South Africa
WC	Western Cape

## **1. Introduction and methodology**

### **1.1 Background**

The execution of the General Household Survey (GHS) in 2009 was preceded by extensive stakeholder consultation. The main objective of the consultation was to align the questionnaire and survey process more with user needs and adjust the questionnaire accordingly. The process yielded the following results:

- Specific linkages were established between the monitoring and evaluation indicators of each government department and the GHS questionnaire.
- It was found that in some instances the GHS was the only or main source of this information, but in other cases the various departments use the GHS information to verify their information from administrative records and/or other sources.
- Questions were modified and/or added where necessary.
- The users expressed a need for an earlier release of the indicator information to enable them to more effectively report on their activities.
- Several departments indicated that they did not have staff capable of analysing the GHS data and engaging consultants for this purpose was not always possible as a result of funding constraints.

It was therefore decided to develop a new GHS release specifically aimed at reporting on the various development indicators measured and/or verified by means of this particular survey instrument. The first report was released in early May 2010 as a discussion document. The current report is the second in the series and summarises the data for each province and the country as a whole as measured by GHS 2010.

### **1.2 Methodology and fieldwork**

A multi-stage, stratified random sample was drawn using probability-proportional-to-size principles. First-level stratification was based on province and second-tier stratification on district council. Field staff employed and trained by Stats SA visited all the sampled dwelling units in each of the nine provinces. During the first phase of the survey, sampled dwelling units were visited and informed about the coming survey as part of the publicity campaign. The actual interviews took place four weeks later. A total of 33 022 sampled households was visited across the country and 25 635 (including multiple households) were successfully interviewed during face-to-face interviews.

Two hundred and thirty-three enumerators (233) and 62 supervisors and coordinators participated in the survey across all nine provinces. An additional 46 quality assurers were responsible for monitoring and ensuring questionnaire quality. National training took place over a period of four days and provincial training was done one week later in 9 provinces for 5 days. Thereafter district training was executed in 40 localities for a period of six days.

For a more detailed discussion on sampling and fieldwork please refer to the Technical notes as described in Section 3.

### **1.3 Data revisions**

The questionnaires were scanned and processed. Editing and imputation was done using a combination of manual and automated editing procedures. Details about this process can be found in the GHS 2010 report (P0318). Section 4 describes the methods used to calculate each indicator value. When calculating percentages, missing values were discarded from the denominator unless otherwise stated.

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**Mr Pali Lehohla**

**Statistician-General: Statistics South Africa**

## 2. Indicator tables

### 2.1 Agriculture

Table 2.1: Agriculture

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
% of households who engaged in agricultural activities during the past 12 months	2,9	34,3	13,6	19,2	25,6	19,1	8,5	32,4	54,1	22,0
% of households involved in:										
1 = Livestock production	0,9	22,6	8,0	4,8	12,6	8,9	5,8	11,4	22,3	10,9
2 = Poultry production	0,5	23,1	5,6	5,5	16,2	8,5	0,5	12,9	16,1	9,7
3 = Grains and food crops	0,2	21,0	0,8	5,6	10,8	1,9	0,5	14,2	33,1	9,5
4 = Industrial crops	0,1	0,0	0,1	0,0	0,2	0,1	0,0	0,0	0,0	0,1
5 = Fruit and vegetable production	2,0	6,8	3,3	8,6	6,5	6,7	2,1	16,5	15,8	6,6
6 = Fodder, grazing/pasture or grass for animals	0,1	0,2	0,2	0,3	0,1	0,3	0,0	0,1	0,2	0,1
7 = Fish farming/aquaculture	0,0	0,0	0,0	0,0	0,1	0,0	0,0	0,0	0,1	0,0
8 = Forestry	0,1	0,0	0,1	0,0	0,0	0,0	0,0	0,1	0,0	0,0
9 = Game farming	0,0	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,2	0,0
10 = Other	0,1	0,2	0,0	0,0	0,0	0,0	0,0	0,9	0,4	0,1

**Table 2.1: Agriculture (concluded)**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
% of households involved in different crop planting activities: 1 = Farm land (communal or private)	0,6	3,0	1,3	0,6	3,6	1,1	0,0	2,5	6,4	2,1
2 = Backyard garden	1,7	22,1	3,2	12,5	11,2	6,6	2,0	18,7	35,1	11,6
3 = School garden	0,1	0,4	0,0	0,0	0,0	0,0	0,1	0,1	0,1	0,1
4 = Communal garden	0,1	0,2	0,0	0,0	0,4	0,1	0,0	0,5	0,2	0,2
5 = On verges of roads and unused public/ municipal land	0,1	0,0	0,0	0,0	0,0	0,0	0,0	0,2	0,0	0,0
6 = Other	0,1	0,0	0,0	0,1	0,0	0,1	0,0	0,0	0,1	0,0
% of households who produce crops on 1 or more hectares	0,1	1,3	0,5	0,2	0,8	0,4	0,0	0,5	1,7	0,6
% of households who own the land on which they produce crops	73,6	34,4	94,9	90,8	42,3	87,8	88,4	82,6	90,1	65,9
% of households who sell most of the agricultural produce they produce	16,2	1,6	12,3	4,9	2,9	7,6	3,2	0,4	0,9	2,6
% of households involved in agriculture who received support from DOA during the past 12 months	5,0	27,5	15,6	7,0	24,7	10,2	1,4	2,4	3,1	13,2
% of households classified as: Food access adequate	81,3	79,8	74,0	76,4	73,1	66,7	82,4	79,7	79,4	78,1
Food access inadequate	11,7	10,9	14,2	15,2	15,0	23,0	12,9	12,4	13,4	13,8
Food access severely inadequate	7,0	9,4	11,8	8,4	11,9	10,4	4,7	7,9	7,3	8,1



**2.2 Education**

**Table 2.2: Education**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
Gross enrolment in ECD expressed as a % of the official age-group concerned (0–4)	38,8	32,1	21,0	33,2	24,6	26,5	41,5	28,3	29,2	31,8
Age-specific Enrolment Ratio (ASER) Primary	1,00	0,99	0,99	0,99	0,99	0,98	0,99	0,99	0,99	0,99
All	0,93	0,94	0,94	0,95	0,94	0,93	0,96	0,96	0,97	0,95
Repetition rate (RR) Grd 10	6,6	13,5	15,6	25,4	14,7	27,1	18,4	17,0	32,7	19,6
Repetition rate (RR) Grd 11	9,0	10,9	24,6	19,3	13,4	22,8	10,9	26,6	32,7	18,1
Repetition rate (RR) Grd 12	4,5	12,6	4,8	4,6	4,3	9,0	13,5	14,2	17,1	10,5
#s Enrolled (16–18) in any institution N ('000)	197	415	52	155	613	168	436	211	408	2 655
% of 16-18-year-olds who attend any institution	73,6	81,8	79,6	83,9	80,5	79,2	85,1	85,2	92,0	82,9
% of children with special needs aged 7–15 NOT enrolled in educational institutions	0,9	7,6	6,6	3,6	10,2	5,1	6,7	3,9	7,2	6,5
% of learners in public schools that do not pay school fees	41,4	74,7	61,7	80,4	51,7	54,8	43,0	54,4	93,5	62,0
% of learners in schools receiving social grants	36,7	56,4	58,0	52,7	52,0	52,1	34,9	52,3	50,1	48,6

**Table 2.2: Education (concluded)**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
% of learners in schools who walk for more than 30 minutes to the nearest school of its kind	1,7	17,0	2,4	8,1	27,7	11,1	4,5	10,5	15,7	15,2
% of learners in public schools benefiting from free scholar transport	2,5	3,6	1,1	0,3	0,4	1,1	1,0	3,4	0,3	1,4
% of learners in public <sup>1</sup> schools benefiting from the nutrition programme	53,0	73,7	85,3	64,4	64,2	66,5	42,9	72,2	85,0	66,1
% of learners attending school who reported incidents of corporal punishment	4,2	23,3	17,5	15,8	21,1	21,7	6,9	6,2	8,6	14,4
Adult literacy rates (persons 20 years and older with less than Grade 7 as highest level of education)	10,5	26,2	29,5	21,8	21,8	27,1	9,6	23,4	27,8	19,3

<sup>1</sup> Question on public and private school

**2.3 Environmental indicators**

**Table 2.3: Environmental related indicators**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
# of households using borehole water N ('000)	3	8	16	23	72	55	47	36	121	381
# of households using wood/coal for cooking N ('000)	18	372	36	53	569	140	64	298	653	2 203
% of households whose refuse is removed by a local authority or co.	85,6	39,6	59,8	73,4	44,7	41,4	88,2	35,4	11,6	57,7
% of households who collect waste for recycling	12,2	3,4	3,0	2,4	4,9	2,5	4,8	1,2	1,7	4,5
% of households who sell waste for recycling	9,2	81,1	81,0	77,9	18,7	83,0	21,6	62,7	91,2	31,4
% of households who feel that they are experiencing problem with: Littering	23,3	29,6	23,7	33,4	31,8	25,5	30,0	49,1	30,9	30,8
Water pollution	9,5	12,0	15,6	10,6	19,6	10,0	14,6	17,2	4,3	13,3
Air pollution	11,3	8,1	22,1	15,9	15,0	17,6	22,5	26,9	17,1	17,1
Land degradation	10,9	23,7	27,3	29,0	16,3	33,0	23,4	50,8	25,4	24,0
Excessive noise pollution	13,6	8,5	16,0	15,7	12,6	18,7	20,5	21,9	21,6	16,5
% of households who have used during past 12 months : Pesticides in dwelling	31,7	42,9	54,2	34,1	48,2	48,1	31,5	44,1	46,8	40,3
Pesticides in garden	10,9	9,1	14,0	9,5	9,7	17,9	16,9	8,2	10,0	11,8
Herbicides/weed killers	9,2	4,6	5,6	5,4	3,3	9,0	13,1	5,7	5,2	7,3
% of households who during past 12 months reduced: Water used	70,1	63,5	66,2	63,0	64,1	75,3	59,7	46,9	45,5	61,3
Electricity used	74,6	71,6	68,0	64,3	70,4	85,2	65,8	60,0	49,5	67,5
Noise	13,5	8,4	16,0	15,7	12,6	18,6	20,3	21,8	21,5	16,4
Waste product production	63,8	64,3	58,5	50,6	55,1	77,1	48,6	51,4	37,4	54,8

**2.4 Health/MRC/Health Systems Trust**

**Table 2.4: Indicators related to health**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
% of orphans aged 7–18 years attending educational institutions	88,2	91,7	93,4	93,7	92,9	91,5	93,8	94,8	96,0	93,0
# of people caring for a household member due to frailty, old age, disability or ill-health N ('000)	62	70	13	38	126	37	93	29	81	549
% of people 20 years and older with no schooling	2,1	8,5	10,9	5,9	8,1	10,2	2,9	11,3	13,4	7,0
% of persons with medical aid coverage	24,4	12,1	13,6	16,8	15,7	14,7	26,5	14,6	8,6	17,6
% of households for which the usual place of consultation is a public facility	50,8	79,7	74,7	64,6	77,0	71,8	63,0	73,8	88,0	70,6

**2.5 Human settlement**

**Table 2.5: Housing related indicators**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
% of households who live in an RDP or state-subsidised house	20,9	15,6	25,8	32,6	14,2	21,5	18,6	21,4	17,4	18,9
% of households receiving a housing subsidy from the state	9,4	9,1	13,2	20,7	6,2	11,8	8,8	10,4	10,3	9,7
% of households living in informal dwellings/tents/caravans	17,0	7,4	8,5	13,2	7,2	18,8	21,5	10,0	3,8	13,0
% of households who state that the condition of the walls of their state provided/subsidised housing is weak/very weak	30,2	24,9	23,0	17,9	20,9	12,4	10,5	10,1	11,3	17,2
% of households who state that the condition of the roof of their state provided/subsidised housing is weak/very weak	30,2	32,2	23,2	17,1	18,9	15,2	10,6	10,1	12,9	17,9
% of households who pay rent for a state provided/RDP house	19,9	13,2	8,4	9,5	15,0	8,8	13,5	8,4	8,1	12,6
% of households who fully own their dwellings	45,0	71,3	61,3	59,3	64,8	65,1	40,1	73,3	80,7	58,9
% of households with at least one person on a housing demand database/waiting list	11,1	11,9	11,7	10,1	11,8	13,4	14,5	15,6	15,1	13,0
Average time household members have been on the housing database/waiting list	37,7	54,6	60,9	61,8	60,6	64,4	29,6	59,9	58,0	48,3
0-3 years										
4-6 years	26,3	20,7	16,8	16,2	17,0	18,6	17,9	17,4	19,0	18,9
7-9 years	19,2	16,3	12,5	12,3	14,2	10,0	21,7	14,6	20,9	17,5
More than 9 years	16,8	8,4	9,8	9,6	8,1	7,0	30,8	8,2	2,2	15,3

**2.6 Social development**

**Table 2.6: Social development indicators**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
# who received visits from community care workers at least once in the past year N ('000)	15	45	6	16	174	13	48	30	39	385
# of persons who received services for victims of domestic violence at least once in the past year N ('000)	0	13	0	1	3	1	8	1	2	31
# of persons who received social work services for drug abuse at least once in the past year N ('000)	7	26	2	5	43	9	40	14	15	160
# of persons who received child protection services at least once in the past year N ('000)	4	11	1	2	39	3	4	2	4	71
# of persons who received correctional services at least once in the past year N ('000)	1	11	0	1	9	3	5	1	1	32
% of people 60 years and older who received services from community care workers	1,4	1,1	0,1	0,4	1,6	0,2	0,6	1,3	1,5	1,0
% of persons 60 years and older who are disabled (UN definition)	20,1	18,7	30,3	29,9	28,0	23,5	15,0	18,9	19,4	21,3
% of persons 60 years and older who are severely disabled	14,4	13,8	19,0	19,5	15,2	14,1	7,1	12,9	12,0	13,0
% of people 60 years and older who received old-age grant	46,5	79,5	74,8	68,3	74,5	72,0	46,4	70,4	86,2	66,2
% of people 60 years and older who received social grants	47,9	81,8	76,9	71,2	76,0	74,0	47,7	73,4	87,1	68,0
# of persons 60 years and older N ('000)	489	607	102	218	738	295	805	215	376	3 844
# of households with at least one person 60 years and older N ('000)	388	520	84	188	630	238	641	187	334	3 210
% of households with persons 60 years and older with: Food access adequate	81,3	79,8	74,0	76,4	73,1	66,7	82,4	79,7	79,4	78,1
Food access inadequate	11,7	10,9	14,2	15,2	15,0	23,0	12,9	12,4	13,4	13,8
Food access severely inadequate	7,0	9,4	11,8	8,4	11,9	10,4	4,7	7,9	7,3	8,1

**Table 2.6: Social development indicators (continued)**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
% of individuals with reported HIV/AIDS who received community care	10,0	15,7	32,2	22,1	15,8	14,8	15,4	17,9	26,7	16,8
# of households that received at least one service from SDD N ('000)	24	52	8	21	93	21	75	32	36	362
# of persons per household that received at least one service from SDD N ('000)	1 508	1 729	312	865	2 619	961	3 609	983	1 357	13 942
No beneficiary										
One-two beneficiaries	24	46	7	20	72	20	67	30	30	317
Households with three or more beneficiaries	0	6	0	0	21	1	8	3	6	45
# of households with children younger than 18 years where the household received at least one service N ('000)	10	18	2	4	28	6	13	8	13	101
# of households with at least one person 60 years and older where the household received at least one service from SDD N ('000)	14	29	5	12	73	13	45	25	30	245

**Table 2.6: Social development indicators (concluded)**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
<b># of households classified as N ('000):</b>										
Food access adequate	1 245	1 420	236	677	1 983	654	3 035	809	1 106	<b>11 165</b>
Food access inadequate	180	194	45	135	408	226	475	126	187	<b>1 974</b>
Food access severely inadequate	107	166	38	74	322	102	173	80	101	<b>1 165</b>
<b># of households classified as poor using household monthly expenditure of below R2 500 as the cut-off N ('000)</b>	746	1 413	238	622	2 093	727	2 020	788	1 228	<b>9 876</b>
<b># of households classified as poor using household monthly expenditure of below R2 500 as the cut-off and who have children aged 7–18 N ('000)</b>	303	699	114	302	1 014	342	699	403	732	<b>4 635</b>
<b>% of poor households with children aged 7–18 who do not spend money on school fees</b>	50,84	74,56	58,83	78,66	52,3	61,61	49,45	51,05	93,04	<b>64,03</b>



**2.7 Transport**

**Table 2.7: Indicators related to transport**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
# of passenger trips made per month with each public transport mode N ('000): Mibus/taxi	4 527	5 175	479	2 917	12 159	3 284	17 329	3 621	3 286	52 776
	1 592	798	44	413	1 359	893	2 881	2 186	881	11 044
	2 209	206	4	4	885	72	3 147	5	22	6 548
% of the household's income spent on transport per month 1–10%	65,9	50,6	56,4	57,6	44,4	54,9	44,1	49,5	51,0	49,7
	18,2	24,1	18,8	21,1	24,5	19,1	24,2	23,6	22,2	22,8
	6,4	9,9	13,0	8,3	12,0	10,0	11,1	10,4	9,2	10,3
30% or more	9,5	15,4	11,8	13,0	19,2	16,1	20,6	16,5	17,6	17,2
	12,0	20,1	4,8	13,3	29,0	15,4	16,4	15,4	19,1	19,3
	35,0	21,8	12,2	19,6	37,7	28,2	43,5	34,4	41,0	35,2
% of learners travelling for longer than 30 minutes to an education institution										
% of workers travelling for longer than 30 minutes to their place of work										

**2.8 Water and sanitation**

**Table 2.8: Water and sanitation**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
# of households with water supply infrastructure of RDP standard or higher N ('000)	1 468	1 121	302	848	2 038	823	3 508	841	1 013	11 963
# of households with water supply infrastructure less than RDP standard N ('000)	65	659	18	37	674	159	175	174	380	2 341
# of households with no water supply infrastructure N ('000)	19	465	24	33	422	99	112	128	228	1 530
# of households receiving free basic water N ('000)	728	387	90	216	729	153	1 404	93	393	4 192
# of poor households receiving free basic water N ('000)	321	332	70	158	516	120	789	69	362	2 737
% of poor households receiving free basic water	44,2	24,1	29,8	26,1	25,1	17,0	40,7	9,0	30,7	28,5
Consumer perception index of water quality N ('000)										
# Safe to drink	1 514	1 413	278	831	2 391	914	3 610	850	1 288	13 085
# Clear	1 501	1 385	270	810	2 436	908	3 600	840	1 293	13 044
# Good in taste	1 489	1 343	271	818	2 455	886	3 589	837	1 220	12 908
#Free from bad smells	1 498	1 482	280	824	2 465	916	3 568	871	1 303	13 208
# of consumers who experienced interruptions of 48 hours or more at a time N ('000)	31	449	74	134	628	209	233	507	573	2 839
# of WSAs whose consumers have experienced a cumulative interruption of more than 15 days for the financial year N ('000)	15	322	35	75	339	136	235	460	429	2 046

**Table 2.8: Water and sanitation (concluded)**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
# of households with access to a functioning basic sanitation facility (strategic framework) N ('000)	1 446	1 067	253	658	1 901	634	3 250	533	1 446	10 312
% households with access to a functioning basic sanitation facility (strategic framework) N ('000)	96,3	61,6	82,5	81,2	73,0	66,2	90,9	54,4	96,3	74,6
# of households with substandard toilet facility N ('000)	55	667	54	153	703	324	325	448	55	3 514
% of households with substandard toilet facility	3,7	38,4	17,5	18,9	27,0	33,8	9,1	45,7	3,7	25,4
# of households using bucket toilets N ('000)	26	15	*	36	10	*	17	*	*	110
# of households with no sanitation facility N ('000)	19	276	18	13	148	41	27	65	120	728
# of poor households receiving free basic sewerage and sanitation N ('000)	280	205	77	157	331	105	603	136	88	1 981
% of poor households receiving free basic sewerage and sanitation	40,8	15,6	35,7	29,6	17,1	15,4	34,0	18,2	7,5	21,9

\* Sample too small to accurately estimate values below 10 000

**Table 2.9: Basic household and population data used for benchmarking the GHS 2010**

Indicators	WC	EC	NC	FS	KZN	NW	GP	MP	LP	RSA
# of persons N ('000)	5 468	6 656	1 154	2 919	10 551	3 479	10 754	3 639	5 250	<b>49 869</b>
# of households N ('000)	1 532	1 781	320	885	2 712	982	3 684	1 015	1 394	<b>14 304</b>

### 3. Technical notes

#### 3.1 Target population

The target population of the survey consists of all private households in all nine provinces of South Africa and residents in workers' hostels. The survey does not cover other collective living quarters such as students' hostels, old-age homes, hospitals, prisons and military barracks, and is therefore only representative of non-institutionalised and non-military persons or households in South Africa.

#### 3.2 Sample design

The sample design for the GHS 2008 was based on a master sample (MS) that was originally designed for the Quarterly Labour Force Survey (QLFS) and was used for the first time for the GHS in 2008. This master sample is shared by the Quarterly Labour Force Survey (QLFS), General Household Survey (GHS), Living Conditions Survey (LCS), Domestic Tourism Survey (DTS) and the Income and Expenditure Survey (IES).

The master sample used a two-stage, stratified design with probability-proportional-to-size (PPS) sampling of PSUs from within strata, and systematic sampling of dwelling units (DUs) from the sampled primary sampling units (PSUs). A self-weighting design at provincial level was used and MS stratification was divided into two levels. Primary stratification was defined by metropolitan and non-metropolitan geographic area type. During secondary stratification, the Census 2001 data were summarised at PSU level. The following variables were used for secondary stratification; household size, education, occupancy status, gender, industry and income.

Census enumeration areas (EAs) as delineated for Census 2001 formed the basis of the PSUs. The following additional rules were used:

- Where possible, PSU sizes were kept between 100 and 500 dwelling units (DUs);
- EAs with fewer than 25 DUs were excluded;
- EAs with between 26 and 99 DUs were pooled to form larger PSUs and the criteria used was 'same settlement type';
- Virtual splits were applied to large PSUs: 500 to 999 split into two; 1 000 to 1 499 split into three; and 1 500 plus split into four PSUs; and
- Informal PSUs were segmented.

A Randomised Probability Proportional to Size (RPPS) systematic sample of PSUs was drawn in each stratum, with the measure of size being the number (#) of households in the PSU. Altogether approximately 3 080 PSUs were selected. In each selected PSU a systematic sample of dwelling units was drawn. The number of DUs selected per PSU varies from PSU to PSU and depends on the Inverse Sampling Ratios (ISR) of each PSU.

#### 3.3 Allocating sample sizes to strata<sup>2</sup>

The randomised PPS systematic sampling method is described below. This procedure was applied independently within each design stratum.

Let  $N$  be the total # of PSUs in the stratum, and the # of PSUs to be selected from the stratum is denoted by  $n$ . Also, let  $x_i$  denote the size measure of the PSU  $i$  within the stratum, where  $i = 1, 2, 3, \dots, N$ . Then, the method for selecting the sample of  $n$  PSUs with the Randomised PPS systematic sampling method can be described as follows:

##### Step 1: Randomise the PSUs within the stratum

The list of  $N$  PSUs within the stratum can be randomised by generating uniform random between 0 and 1, and then by sorting the  $N$  PSUs in ascending or descending order of these random #s. Once the PSUs have been randomised, we can generate permanent sequence #s for the PSUs.

<sup>2</sup> Source: Sample Selection and Rotation for the Redesigned South African Labour Force Survey by G. Hussain Choudhry, 2007.

**Step 2: Define normalised measures of size for the PSUs**

We denote by  $x_i$  the measure of size (MOS) of PSU  $i$  within the design stratum. Then, the measure

of size for the stratum is given by  $X = \sum_{i=1}^N x_i$ . We define the normalised size measure  $p_i$  of PSU  $i$  as

$p_i = x_i / X$ ;  $i = 1, 2, 3, \dots, N$ , where  $N$  is the total # of PSUs in the design stratum. Then,  $p_i$  is

the relative size of the PSU  $i$  in the stratum, and  $\sum_{i=1}^N p_i = 1$  for all strata. It should be noted that the value of  $n \times p_i$ , which is the selection probability of PSU  $i$  must be less than one.

**Step 3: Obtain inverse sampling rates (ISRs)**

Let  $R$  be the stratum inverse sampling rate (ISR). The stratum ISR is the same as the corresponding provincial ISR because of the proportional allocation within the province. It should also be noted that the proportional allocation within the province also results in a self-weighting design.

Then, the PSU inverse sampling rates (ISRs) are obtained as follows:

First, define  $N$  real #s  $Z_i = n \times p_i \times R$ ;  $i = 1, 2, 3, \dots, N$ . It is easy to verify that  $\sum_{i=1}^N Z_i = n \times R$ .

Next, round the  $N$  real #s  $Z_i$ ;  $i = 1, 2, 3, \dots, N$  to integer values  $R_i$ ;  $i = 1, 2, 3, \dots, N$  such that each  $R_i$  is as close as possible to the corresponding  $Z_i$  value and the  $R_i$  values add up to  $n \times R$  within the stratum. In other words, the sum of the absolute differences between the  $R_i$  and the corresponding  $Z_i$  values is minimised subject to the constraint that the  $R_i$  values add up to  $n \times R$  within the stratum.

Drew, Choudhry and Gray (1978) provide a simple algorithm to obtain the integer  $R_i$  values as follows:

Let " $d$ " be the difference between the value  $n \times R$  and the sum  $S = \sum_{i=1}^N [Z_i]$ , where  $[ ]$  is the integer function, then  $R_i$  values can be obtained by rounding up the " $d$ "  $Z_i$  values with the largest fraction parts, and by rounding down the remaining  $(N - d)$  of them. It should be noted that the integer sizes  $R_i$ ;  $i = 1, 2, 3, \dots, N$  are also the PSU inverse sampling rates (ISRs) for systematic sampling of dwelling units.

**Step 4: Obtain cumulative ISR values**

We denote by  $C_i$ ;  $i = 1, 2, 3, \dots, N$  the cumulative ISRs of the PSUs within the stratum. It should be noted that the PSUs within the stratum have been sorted according to the sequence #s that were assigned after the randomisation. Then, the cumulative ISRs are defined as follows:

$$C_1 = R_1,$$

$$C_j = C_{(j-1)} + R_j; \quad j = 2, 3, \dots, N.$$

It should be noted that the value  $C_N$  will be equal to  $n \times R$ , which is also the total # of systematic samples of dwelling units that can be selected from the stratum.

**Step 5: Generate an integer random #  $r$  between 1 and  $R$ , and compute**

**$n$  integers  $r_1, r_2, \dots, r_n$  as follows:**

$$r_1 = r$$

$$r_2 = r_1 + R$$

$$r_3 = r_2 + R$$

.

.

$$r_i = r_{(i-1)} + R$$

.

.

$$r_n = r_{(n-1)} + R.$$

**Step 6: Select  $n$  PSUs out of the  $N$  PSUs in the stratum with the labels (sequence #s)**

**#  $i_1, i_2, \dots, i_n$  such that:**

$$C_{i_1-1} < r_1 \leq C_{i_1}$$

$$C_{i_2-1} < r_2 \leq C_{i_2}$$

.

.

$$C_{i_n-1} < r_n \leq C_{i_n}.$$

Then, the  $n$  PSUs with the labels  $i_1, i_2, \dots, i_n$  would get selected with probabilities proportional to size, and the selection probability of the PSU  $i$  will be given by  $\frac{R_i}{R}$ .

### 3.4 Weighting<sup>3</sup>

The sampling weights for the data collected from the sampled households were constructed so that the responses could be properly expanded to represent the entire civilian population of South Africa. The design weights, which are the inverse sampling rate (ISR) for the province, are assigned to each of the households in a province. These were adjusted for four factors: Informal PSUs, Growth PSUs, Sample Stabilisation, and Non-responding Units.

Mid-year population estimates produced by the Demographic Analysis division were used for benchmarking. The final survey weights were constructed using regression estimation to calibrate to national level population estimates cross-classified by 5-year age groups, gender and race, and provincial population estimates by broad age groups. The 5-year age groups are: 0–4, 5–9, 10–14, 55–59, 60–64, and 65 and over. The provincial level age groups are 0–14, 15–34, 35–64, and 65 years and over. The calibrated weights were constructed such that all persons in a household would have the same final weight.

The Statistics Canada software StatMx was used for constructing calibration weights. The population controls at national and provincial level were used for the cells defined by cross-classification of Age by Gender by Race. Records for which the age, population group or sex had item non-response could not be weighted and were therefore excluded from the dataset. No imputation was done to retain these records.

<sup>3</sup> Source: Sampling and Weighting System for the Redesigned South African Labour Force Survey, by G. Hussain Choudhry, 2007

### 3.5 Sampling and the interpretation of the data

Caution must be exercised when interpreting the results of the GHS at low levels of disaggregation. The sample and reporting are based on the provincial boundaries as defined in December/January 2006. These new boundaries resulted in minor changes to the boundaries of some provinces, especially Gauteng, North West, Mpumalanga/Limpopo and Eastern and Western Cape. In previous reports the sample was based on the provincial boundaries as defined in 2001, and there will therefore be slight comparative differences in terms of provincial boundary definitions.

### 3.6 Definitions of terms

#### *Household*

A household is defined as a person, or group of persons, who occupy a common dwelling unit (or part of it) for **at least four nights in a week** on average during the past four weeks prior to the survey interview. Basically, **they live together and share resources as a unit**. Other explanatory phrases can be 'eating from the same pot' and 'cook and eat together'.

Persons who occupy the same dwelling unit but do not share food or other essentials, are regarded as separate households. For example, people who share a dwelling unit, but buy food separately, and generally provide for themselves separately, are regarded as separate households within the same dwelling unit.

Conversely, a household may occupy more than one structure. If persons on a plot, stand or yard eat together, but sleep in separate structures (e.g. a room at the back of the house for single young male members of a family), all these persons should be regarded as one household.

#### *Multiple households*

Multiple households occur when two or more households live in one sampled dwelling unit. If there are two or more households in the selected dwelling unit and they do not share resources, all households are to be interviewed. The whole dwelling unit has been given one chance of selection and all households located there were interviewed using separate questionnaires.

#### *Household head/Acting household head*

The head of the household is the person identified by the household as the head of that household and must (by definition of 'household') be a member of the household. If there is difficulty in identifying the head, the head must be selected in order of precedence as the person who:

- Owns the household accommodation.
- Is responsible for the rent of the household accommodation.
- Has the household accommodation as an allowance (entitlement), etc.
- Has the household accommodation by virtue of some relationship to the owner, lessee, etc. who is not in the household.
- Makes the most decisions in the household.

If two or more persons have equal claim to be head of the household, or if people state that they are joint heads or that the household has no head, then denote the eldest as the head.

#### *Formal dwellings*

Include a house on a separate stand, a flat or apartment in a block of flats, a townhouse, a room in a backyard, and a room or flatlet on a shared property.

#### *Informal dwellings*

Refer to shacks or shanties in informal settlements or in backyards.

#### *Piped water in dwelling or on site*

Includes piped water inside the household's own dwelling or in their yard. It excludes water from a neighbour's tap or a public tap that is not on site.

#### *Electricity for cooking, heating and/or lighting*

Refers to electricity from the public supplier.



***UN disability***

Concentrating and remembering are grouped together as one category. If an individual has 'Some difficulty' with two or more of the 6 categories then they are disabled. If an individual has 'A lot of difficulty' or is 'Unable to do' for one or more category they are classified as disabled.

***Severe disability***

If an individual has 'A lot of difficulty' or is 'Unable to do' for one or more category they are classified as severely disabled.

***Poor household***

Poor households have been defined households who spend less than R2 500 per month.

***Water of RDP standard or higher***

'Piped water in dwelling or in yard' and 'Water from a neighbour's tap or public/communal tap' are also included provided that the distance is less than 200 metres.

***Functioning basic sanitation facility***

Flush toilet connected to a public sewerage system or septic tank or a pit latrine with ventilation pipe.

**3.7 Specific departmental indicators and question linkages**

**Table 3.1: Agriculture**

<b>Indicator</b>	<b>Annual reporting level</b>	<b>Questions in the GHS</b>	<b>GHS relative to other sources</b>	<b>Definitions and/or formulas</b>
Percentage of households involved in agricultural production activities	National and provincial	4.10	Main source	# of households option 1 in Q4.10/total number of # of households who responded*100
Percentage of households involved in different agricultural production sectors	National and provincial	4.11	Main source	# of households for each option in Q4.11/total # of households who responded *100
Percentage of households involved in different crop planting activities	National and provincial	4.15	Main source	# of households for each option in Q4.15/total # of households who responded *100
Percentage of households who produce crops on 1 or more hectares	National and provincial	4.16	Main source	# of households who produce crops option 3 to 6 in Q4.16/total # of households who responded *100
Percentage of households who own the land on which they produce crops	National and provincial	4.17	Main source	# of households who produce crops option 1 in Q4.17/total # of households who produce crops*100
Percentage of households who sell most of the agricultural produce they produce	National and provincial	4.12	Main source	# of households who chose option 2 in Q4.12/total # of households who produce crops*100
Percentage of households involved in agriculture who received support from DOA during the past 12 months	National and provincial	4.14	Main source	# of households who chose option 1 in Q4.10/total # of households who produce crops*100
Percentage of households classified as: Food access adequate Food access inadequate Food access severely inadequate	National and provincial	4.1–4.3	Main source	Adequate: one or no 'Yes' responses for the first part of Q4.1–Q4.3 Inadequate: 2–3 'Yes' responses for any of Q4.1–Q4.3 Severely inadequate: 4–6 'Yes' responses for any of Q4.1–Q4.3

**Table 3.2: Education**

Indicator	Annual reporting level	Questions in the GHS	GHS relative to other sources	Definitions and/or formulas
Gross enrolment in early childhood development programmes, including public, private, and community programmes, expressed as a percentage of the official age-group concerned.	UNESCO	1.14, 1.7	Validation Data confrontation	Age 0–4 years; Number who responded 'Yes' in Q1.7
Age-specific Enrolment Ratio (ASER)	National Provincial UNESCO	1.23, D	Main source	# (persons aged 7–13 attending educational institutions)/ # persons aged 7–13 # (persons aged 7–18 attending educational institutions)/ # persons aged 7–18
Repetition rates (Grades 10–12)	National Provincial UNESCO	1.23, 1.24	Validation Data confrontation	# who attend Grd 10 to Grd 12 and repeating /(# who attend Grd 10 to Grd 12)*100
Drop-out rate	National Provincial	1.6, C, D, 1.12	Validation Data confrontation	To be done in the 2010 report
Enrolment for 16–18-year-olds	National Provincial	1.23, 1.14	Validation Data confrontation	# aged 16–18 who are enrolled in any institution # who attend any institution/(# 16–18 years old) *100
Percentage of children with special needs aged 7–15 not enrolled in educational institutions	National Provincial	1.12, 1.13, 1.34a	Main source	(# of persons aged 7-15 with disabilities <sup>4</sup> not enrolled)/#aged 7-15 yrs with disabilities)*100
Percentage of learners in public schools that do not pay school fees	National Provincial	1.19	Validation Data confrontation	# persons attend public school who do not pay school fees/# of persons attending public schools*100
Percentage of learners in schools receiving social grants	National Provincial	1.15, 1.36a, 1.36b	Main source Data confrontation	# persons attending school who receive any grant/# of persons who attend school and answered the question*100

<sup>4</sup> Un definition of disabilities

**Table 3.2: Education (concluded)**

Indicator	Annual reporting level	Questions in the GHS	GHS relative to other sources	Definitions and/or formulas
Percentage of learners who walk for more than 30 minutes to the nearest school	National Provincial	1.17a, 1.18a	Main source	# learners who walk for 30 minutes or more to attend the nearest school/ # of persons attending schools*100
Percentage of learners in public schools benefiting from free scholar transport	National Provincial	1.16	Validation source	# learners who chose option 6 in Q1.17a/ # of persons attending public schools*100
Percentage of learners in public <sup>5</sup> schools benefiting from the nutrition programme	National Provincial	1.25	Validation source	# persons options 2–4 in Q1.25/# of persons attending Grd 0–Grd 7*100
% of reported incidents of corporal punishment	National Provincial	1.26b	Main source	# persons options 1 in Q1.26a/# of persons attending school (option 2 in Q1.14)
Adult literacy rates	National Provincial	D,1.6	Validation source	# persons options with highest education less than Grd 7/# of persons 20 years and older

<sup>5</sup> Question on public and private school

**Table 3.3: Environmental affairs**

<b>Indicator</b>	<b>Annual reporting level</b>	<b>Questions in the GHS</b>	<b>GHS relative to other sources</b>	<b>Definitions and/or formulas</b>
# of households using borehole water	National and provincial	3.13	Supply data towards its calculation	# of households options 3 and 8 for Q3.13
# of households using wood or coal for cooking	National and provincial	3.34	Main source	# households option 5, 6 for Q3.34
Percentage of households whose refuse or rubbish is removed by a local authority or private company	National and provincial	3.35	Main source	# of households options 1–2 in Q3.35/# of households who answered the question*100
Percentage of households who collect waste for recycling	National and provincial	3.37a	Main source	# of households option 1 in Q3.37a/# of households who answered the question*100
Percentage of households who sell waste for recycling	National and provincial	3.38	Main source	# of households option 1 in Q3.38/# of households who answered the question*100
Percentage of households who feel that they are experiencing pollution by categories	National and provincial	3.39 Option 1	Main source	# of households who answered 'Yes' for selected options in Q3.39/# of households who answered the question*100
Percentage of households who have used pesticides and herbicides in and around their dwellings during the past twelve months	National and provincial	3.40	Main source	# of households to which the question applies who answered 'Yes' in Q3.40/# of households who answered the question*100
Percentage of households who deliberately reduce their impact on the environment	National and provincial	3.41	Main source	# of households to which the question applies who answered 'Yes' in Q3.41/# of households who answered the question*100

**Table 3.4: Health, MRC, Health Systems Trust related indicators**

<b>Indicator</b>	<b>Annual reporting level</b>	<b>Questions in the GHS</b>	<b>GHS relative to other sources</b>	<b>Definitions and/or formulas</b>
% of orphans aged 7–18 years attending educational institutions	National and provincial	1.3a, 1.4a, 1.12, D	Main source	# of children aged 7–18 years who lost one or both of their biological parents attending school/ # of children aged 7–18 who lost one or both of their biological parents*100
# of people caring for a household member due to frailty, old age, disability or ill health	National and provincial	1.29	Only source	# of persons with 'Yes' for options 2–4 in Q1.29a
% of people 20 years and older with no schooling	National and provincial	D, 1.6	Main source	# of persons 20 years and older with no schooling/# of persons 20 years and older*100
% of persons with medical aid coverage	National and provincial	1.28	Main source	# of persons who responded 'Yes' in Q1.28/# of persons who responded to the question*100
% of households for which the usual place of consultation is a public facility	National and provincial	3.51	Descriptive/ interpretive One of the sources	# of persons who responded 'Yes' to options 1–3 in Q3.51/# of persons who responded to the question*100

**Table 3.5: Human settlement**

<b>Indicator</b>	<b>Annual reporting level</b>	<b>Questions in the GHS</b>	<b>GHS relative to other sources</b>	<b>Definitions and/or formulas</b>
Percentage of households who live in an RDP or state subsidised house	National and provincial	3.10a	Main source	# of households who replied 'Yes' in Q3.10a/# of households who answered the question*100
Percentage of households receiving a housing subsidy from the state	National and provincial	3.11	Validation source	# of households whose response is 'Yes' in Q3.11/# of households who answered the question*100
Percentage of households who state that the condition of the walls of their state provided/ subsidised housing is weak/very weak	National and provincial	3.4, 3.10a	Validation source	# of households with a 'Yes' answer in Q3.10a and response 1–2 in Q3.4/# of households 'Yes' in Q3.10a
Percentage of households who state that the condition of the roof of their state provided/ subsidised housing is weak/very weak	National and provincial	3.4, 3.10a	Validation source	# of households 'Yes' in Q3.10a and response 1–2 in Q3.4/# of households 'Yes' in Q3.10a
Percentage of households who pay rent for a state provided/ RDP house.	National and provincial	3.6, 3.10a	Main source	# of households 'Yes' in Q3.10a and option 1 in Q3.6/# of households 'Yes' in Q3.10a
Percentage of households who fully own their dwellings	National and provincial	3.6	Main source	# of households options 2–4 in Q3.6/# of households who answered the question*100
Percentage of households with at least one person on a housing demand database/ waiting list	National and provincial	3.12a	Validation source	# of households option 'Yes' in Q3.12a/# of households who answered the question*100
Average time household members have been on the housing database/waiting list: 0–3 years 4–6 years More than 6 years	National and provincial	3.12c	Validation source	Average # of years on database for different individuals in household/# of households who answered the question*100

**Table 3.6: Social development**

Indicator	Annual reporting level	Questions in the GHS	GHS relative to other sources	Definitions and/or formulas
# receiving visits from community care workers	National and provincial	1.39	Descriptive/interpretive Validation	-
# of persons receiving services for victims of domestic violence	National and provincial	1.39	Descriptive/interpretive Validation	-
# of persons who received social work services for drug abuse	National and provincial	1.39	Descriptive/interpretive Validation	-
# of persons receiving child protection services	National and provincial	1.39	Descriptive/interpretive Validation	-
# of persons receiving correctional services	National and provincial	1.39	Descriptive/interpretive Validation	-
% of people 60 years and older who received services from community care workers	National and provincial	D, 1.39	Only source	# of persons aged 60 years and older who received services from community care workers/# of persons who are 60 years and older *100
% of persons 60 years and older that are disabled	National and provincial	D, 1.34a	Only source	# of persons aged 60 years and older who are disabled UN definition/# of persons who answered the question *100
% of persons 60 years and older that are severely disabled	National and provincial	D, 1.34b	Only source	# of persons aged 60 years and older who are severely disabled/# of persons who answered the question *100
% of people 60 years and older who received old-age grant	National and provincial	D, 1.36b	Only source	# of persons aged 60 years and older who received an old-age grant/# of persons who answered the question *100
% of people 60 years and older who received social grants	National and provincial	D, 1.36a	Only source	# of persons aged 60 years and older who received a social grant/# of persons who answered the question *100
% of households with persons 60 years and older with: Food access adequate Food access inadequate Food access severely inadequate	National and provincial	D, 4.1, 4.2, 4.3	Descriptive/interpretive Validation	# of persons aged 60 years and older in each category//# of persons who answered the question *100



**Table 3.6: Social development (concluded)**

<b>Annual reporting level</b>	<b>Questions in the GHS</b>	<b>GHS relative to other sources</b>	<b>GHS relative to other sources</b>	<b>Definitions and/or formulas</b>
% of individuals with reported HIV/AIDS who received community care	National and provincial	D, 1.39, 1.32a	Validation; reported HIV in questionnaire will be lower	# of persons with HIV/AIDS who received services from community care workers/# of persons who answered the question *100
# of households that received at least one service from SDD	National and provincial	D, 1.39	Main source	-
# of persons per household that received at least one service from SDD: None Households with one–two beneficiaries Households with three or more beneficiaries	National and provincial	1.39	Validation	-
# of households with children younger than 18 years where the household received at least one service	National and provincial	D, 1.39	Inputs towards indicator calculation	-
# of households with at least one person 60 years and older where the household received at least one service from SDD	National and provincial	D, 1.39	Main source	# of households with at least one person 60 years and older and where at least one person received at least one service from SDD
# of households classified as: Food access adequate Food access inadequate Food access severely inadequate	National and provincial	4.1–4.3	Inputs towards indicator calculation	-
# of households classified as poor using household monthly expenditure of below R2 500 as the cut-off	National and provincial	4.20	-	-
# of households classified as poor using household monthly expenditure of below R2 500 as the cut-off and who have children aged 7–18	National and provincial	4.20	-	-
% of poor households with children aged 7–18 who do not spend money on school fees	National and provincial	D, 1.19, 4.20	Main source	# of households with children aged 7–18 and monthly expenditure below R2 500 who did not spend any money on school fees for at least one of their children/# of households that are poor and have children aged 7–18 years

**Table 3.7: Transport**

Indicator	Annual reporting level	Questions in the GHS	GHS relative to other sources	Definitions and/or formulas
# of passenger trips made per month with each public transport mode: Minibus/taxi Bus Train	National and provincial	3.48	Validation	-
% of the household's income spent on transport per month: 1-10% 11-20% 21-30% 30% or more	National and provincial	3.48–3.50, 1.42	Main source	Only calculated for households with valid income and expenditure on transport data
% of learners travelling for longer than 30 minutes to an educational institution	National and provincial	1.17b	Main source	Only calculated for individuals attending educational institutions who provided a response to the question on time taken. Missing values were excluded from the denominator
% of workers travelling for longer than 30 minutes to their place of work	National and provincial	1.44	Main source	Only calculated for individuals working and who provided a response to the question on time taken. Missing values were excluded from the denominator

**Table 3.8: Water and sanitation**

Indicator	Annual reporting level	Questions in the GHS	GHS relative to other sources	Definitions and/or formulas
# of households with water supply infrastructure of RDP standard or higher	National and provincial	3.13, 3.14	Validation and data confrontation	On or above RDP is piped water in dwelling or yard or borehole in the yard (options 1,2&3) or tap less than 200 meters from yard (options 5,6&8) and option 1 Q3.14; all others are below.
# of households with water supply infrastructure less than RDP standard	National and provincial	3.13, 3.14	Validation and data confrontation	On or above RDP is piped water in dwelling or yard or borehole in the yard (options 1,2&3) or tap less than 200 meters from yard (options 5,6&8) and option 1 Q3.14; all others are below.
# of households with no water supply infrastructure	National and provincial	3.13	Validation and data confrontation	'No water supply' is options 3, 4, 7-13.
# of households receiving free basic water	National and provincial	3.20	Validation and data confrontation	# of households option 'Yes' in Q3.20
# of poor households receiving free basic water	National and provincial	3.20, 4.20	Supply data towards its calculation	# of households with monthly expenditure lower than R2 500 who said 'Yes' in Q3.20
% of poor households receiving free basic water	National and provincial	3.20, 4.20	Validation and data confrontation	# of households with monthly expenditure lower than R2 500 who said 'Yes' in Q3.20/Number of households in above category with a response for Q3.20
Consumer perception index of water quality: # Safe to drink # Clear # Good in taste # Free from bad smells	National and provincial	3.15	Validation and data confrontation	# of households option 'Yes' in Q3.15/# of households who answered the question*100
# of consumers who experienced water supply interruptions of 48 hours or more at a time	National and provincial	3.22	Validation and data confrontation	# of households option 'Yes' in Q3.22/# of households who answered the question*100
# of consumers who have experienced a cumulative interruption of more than 15 days for the financial year	National and provincial	3.23	Supply data towards its calculation	# of households option 'Yes' in Q3.23/# of households who answered the question*100

**Table 3.8: Water and sanitation (concluded)**

<b>Indicator</b>	<b>Annual reporting level</b>	<b>Questions in the GHS</b>	<b>GHS relative to other sources</b>	<b>Definitions and/or formulas</b>
# of households with access to a functioning basic sanitation facility (strategic framework)	National and provincial	3.24–3.27	Main source	'Basic facility' is defined as options 1, 2, and 4 Q3.24
% households with access to a functioning basic sanitation facility (strategic framework)	National and provincial	3.24–3.27	Main source	# of households with basic facilities/# of households*100
# of households with substandard toilet facility	National and provincial	3.24–3.27	Main source	'Substandard' is defined as options 3, 5, 6, 7, 8 in Q3.24
% of households with substandard toilet facility	National and provincial	3.24–3.27	Main source	# of households with substandard facilities/# of households*100
# of households using bucket toilets	National and provincial	3.24, 3.26, 3.27	Main source	-
# of households with no sanitation facility	National and provincial	3.24	Main source	# of households who chose option 7 (none)
# of poor households receiving free basic sewerage and sanitation	National and provincial	3.24–3.25	Supply data towards its calculation	Poor households are households who spend less than R2 500 per month
% of poor households receiving free basic sewerage and sanitation	National and provincial	3.20, 3.24, 3.25	Supply data towards its calculation	# of poor households who are connected to the sewerage system and answered 'Yes' to 3.25/# of households who answered the question*100