

# South Africa - Employers and Self Employed Series 2001-2013

**Andrew Kerr**

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## Identification

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### SURVEY ID NUMBER

zaf-datafirst-ess-2001-2013-v1.3

### TITLE

Employers and Self Employed Series 2001-2013

### ABBREVIATION OR ACRONYM

ESS 2001-2013

### COUNTRY

Name
South Africa

### STUDY TYPE

Enterprise/Establishment Survey [en]

### SERIES INFORMATION

Kerr, Andrew. Employers and Self Employed Series 2001-2013 [dataset]. Version 1.3. Cape Town: DataFirst [producer], 2015. Cape Town: DataFirst [distributor], 2015. DOI: <https://doi.org/10.25828/ag88-2j21>

### ABSTRACT

The Surveys of Employers and Self-Employed (SESE) are a set of surveys undertaken by Statistics South Africa in September 2001, September 2005, September 2009 and September 2013. These are surveys of non-VAT registered businesses in South Africa. The primary aim of these surveys is to obtain estimates of the size of value added in the informal sector for the compilation of the national accounts. Because no business register exists for businesses that are not registered for VAT, these businesses must be identified in another way. Stats SA identified non-VAT registered businesses through the Labour Force Surveys (in 2001 and 2005) and the Quarterly Labour Force Survey (in 2009 and 2013). Individuals who were surveyed in the (Q)LFSs and found to be running unregistered businesses were then targeted for enumeration in the SESE. The SESEs asked many detailed questions about the business run by the owner and enabled Stats SA to obtain value added in each unregistered business and thus an estimate for the whole unregistered economy.

A stacked cross-sectional dataset - the Employers and Self-employed Series (ESS) - has been created by DataFirst from these four surveys and released publicly via the DataFirst web portal.

### KIND OF DATA

Sample survey data

### UNIT OF ANALYSIS

Establishments

## Version

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### VERSION DESCRIPTION

v1.3: Edited, anonymised data for public distribution

### VERSION DATE

2015-02-10

### VERSION NOTES

Version 1.3 is the first release of the survey and the first version received by DataFirst.

## Scope

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### NOTES

Statistics South Africa's Survey of Employers and Self Employed collected background data on small businesses and their

operations, including their premises, the establishment of the business and start-up finance. Data was also collected on business production and the workforce, expenditure, capital and transport.

## KEYWORDS

Keyword
Small Businesses
Self-employed
Informal Sector

## Coverage

## GEOGRAPHIC COVERAGE

The survey had national coverage.

## GEOGRAPHIC UNIT

The lowest level of geographic aggregation for the data is Province.

## UNIVERSE

The survey covered all non VAT-registered businesses in South Africa

## Producers and sponsors

## PRIMARY INVESTIGATORS

Name	Affiliation
Andrew Kerr	DataFirst

## PRODUCERS

Name	Abbreviation	Role
Statistics South Africa	StatsSA	Producer of the original SESE datasets

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Research Project on Employment, Income Distribution and Inclusive Growth	REDI	Funder

## Data Collection

## DATES OF DATA COLLECTION

Start	End
2001	2013

## DATA COLLECTION MODE

Face-to-face [f2f]

## Access policy

## CONTACTS

Name	Email	URL
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DataFirst Support	support@data1st.org	support.data1st.org
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## ACCESS CONDITIONS

Public use files, available to all

## CITATION REQUIREMENTS

Kerr, Andrew. Employers and Self Employed Series 2001-2013 [dataset]. Version 1.3. Cape Town: DataFirst [producer], 2015. Cape Town: DataFirst [distributor], 2015. DOI: <https://doi.org/10.25828/ag88-2j21>

## ACCESS AUTHORITY

Name	Affiliation	Email	URL
DataFirst	University of Cape Town	support@data1st.org	support.data1st.org

## Metadata production

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## PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Metadata producer

## DATE OF METADATA PRODUCTION

2020-04-15

## DDI DOCUMENT VERSION

Version 3

**Data Description**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>ess-2001-2013-v1.3</b>	0	133



**Data file: ess-2001-2013-v1.3**

Cases:	0
Variables:	133

**Variables**

ID	Name	Label	Question
V1	uqnr	household id variable, as in original data	
V2	personnr	Person number	
V3	weight	Stats SA person weight	
V4	busnumber	Business number of the owner	
V5	year	Year of survey	
V6	gender	Owner's Gender	
V7	popgroup	Owner's Population Group	
V8	location	Firm's location	
V9	paylocation	Do you pay for the location for business purposes	
V10	recordtype	Type of record keeping	
V11	expseparate	Are business expenditures recorded separately from hh expenditures?	
V12	license	Does bus.have permits or licenses	
V13	incometax	Is bus. registered for income tax? (2005+2009 only)	
V14	uif	Is bus. registered for UIF?	
V15	monthoperate	No. of months firm operated in last year	
V16	whynooperate	Main reason the business did not operate in some months?	
V17	firmage	Age of the firm	
V18	startreason	Main reason you started the business?	
V19	singleowner	single owner?	
V20	partnersinhh	Partners in your households?	
V21	numhhpartners	No. of partners in the household	
V22	partnersinothhh	Partners outside your hh?	
V23	numothpartners	No. of partners outside the household	
V24	emppaid1yr	No. of paid employees 1 year ago	
V25	empunpaid1yr	No. of unpaid employees 1 year ago	
V26	emppaid	No. of paid employees in last 7 days	
V27	empunpaid	No. of unpaid employees in last 7 days	
V28	empunpft	No. of full time unpaid employees	
V29	emppft	No. of full time paid employees	
V30	empunpt	No. of part-time unpaid employees	
V31	empppt	No. of part-time paid employees	
V32	emppmale	No. of paid male workers	
V33	emppfemale	No. of paid female workers	
V34	empunpmale	No. of unpaid male workers	
V35	empunpfemale	No. of unpaid female workers	
V36	emppblack	No. of black paid employees	
V37	empunpblack	No. of black unpaid employees	
V38	emppcoloured	No. of coloured paid employees	

ID	Name	Label	Question
V39	empunpcoloured	No. of coloured unpaid employees	
V40	empindian	No. of Indian paid employees	
V41	empunpindian	No. of Indian unpaid employees	
V42	emppwhite	No. of white paid employees	
V43	empunpwhite	No. of white unpaid employees	
V44	suppliescost	Amt spent on supplies in last month	
V45	wages	Amt spent on wages in last month	
V46	inkind	Amt spent on in kind payments in last month	
V47	trans	Amt spent on transport refunds in last month	
V48	otherlabcost	Amt spent on other labour costs in last month	
V49	rawmatamt	Amt spent on raw materials in last month	
V50	elec	Amt spent on electricity in last month	
V51	water	Amt spent on water in last month	
V52	fuel	Amt spent on fuel in last month	
V53	spares	Amt spent on spares in last month	
V54	rentprem	Amt spent on renting premises in last month	
V55	rentequip	Amt spent on renting equipment in last month	
V56	office	Amt spent on office supplies in last month	
V57	transport	Amt spent on transport of raw mat in last month	
V58	repairs	Amt spent on repairs in last month	
V59	busservices	Amt spent on business services in last month	
V60	insmort	Amt spent on insurance and mortgage in last month	
V61	protection	Amt spent on protection agencies in last month	
V62	other	Amt spent on other in last month	
V63	wagesown	Own salary (2009, 2013 only)	
V64	inkindown	Own payment in kind (2009, 2013 only)	
V65	transown	Own transport pay (2009, 2013 only)	
V66	otherown	Own other remuneration (2009, 2013 only)	
V67	sales	Gross income from sales in the last calendar month	
V68	otherinc	Other income not from sales in last calendar month	
V69	profit	Net income/profit in last calendar month	
V70	avgprofit	Average profit made after deductions	
V71	currentdebt	Business currently has debt?	
V72	debtsize	Debt Amt	
V73	invmach	Did the business invest in machinery in the last year?	
V74	invmachamt	Amount spent on machinery in the past year	
V75	invtools	Did the business invest in tools in the past year?	
V76	invtoolsamt	Amount spent on tools in the past year	
V77	invvehicle	Did the business invest in vehicles, trailers, etc. for transport in the past year?	
V78	invvehicleamt	Amount spent on vehicles, trailers, etc. for transport in the past year	
V79	invbuilding	Did the business invest in buildings and other structures in the past year?	
V80	invbuildingamt	Amount spent on buildings and other structures in the past year	
V81	invfurniture	Did the business invest in furniture in the past year?	
V82	invfurnitureamt	Amount spent on furniture in the past year	
V83	invother	Did the business invest in other capital items in the past year?	

ID	Name	Label	Question
V84	invotheramt	Amount spent on other capital items in the past year	
V85	startupk	Start up capital req?	
V86	ownstartupk	Used own money for start up k?	
V87	startupkamt	Amt of own money used for start up k	
V88	startupkcoop	Borrowed from coop/stokvel for start up K? (01+05 only)	
V89	startupkcoopamt	Amt borrowed from coop for start up k? (01+05 only)	
V90	startupkother	Borrowed from other source for start up K? (01+05 only)	
V91	startupkothamt	Amt borrowed from other sources for start up k? (01+05 only)	
V92	startupkborrowany	Borrowed to start business? (09+13 only)	
V93	startupkborrowamt	Amount borrowed to start business (09+13 only)	
V94	toiletttype	Toilet facilities available	
V95	elecavail	Electricity avail on site? (not in 2009)	
V96	assistmostimp	What is the most important thing you need assistance with? (not in 2009)	
V97	province	From PALMS: Province	
V98	ea	From PALMS: Primary Sampling Unit number	
V99	stratum	From PALMS: stratum (2001 only)	
V100	stratum2	From PALMS: stratum (2009 and 2013 only)	
V101	urbrur	From PALMS: location type (2001 only)	
V102	urbrur2	From PALMS: location type (2009 and 2013 only)	
V103	metro	From PALMS: metro code (2009 and 2013 only)	
V104	ceweight2	From PALMS: Cross Entropy weight: ASSA2008 midyear estimates	
V105	pweight	Stats SA person weight from (Q)LFS	
V106	inperson	From PALMS: Is the person responding in person?	
V107	marstat	From PALMS: Owner's Marital Status	
V108	age	From PALMS: Owner's Age	
V109	yrseduc	From PALMS: Owner's Years of education, derived variable	
V110	educhigh1	From PALMS: Owner's Highest level of Education (2001 only)	
V111	educhigh2	From PALMS: Owner's Highest level of Education (2009 and 2013 only)	
V112	enrollment3	From PALMS: Owner's Enrollment (2001 only)	
V113	empstat1	From PALMS: Owner's Employment status, official	
V114	empstat2	From PALMS: Owner's Employment status, expanded	
V115	employer	From PALMS: Who does ... work for in main job (2001 only)	
V116	jobocccode	From PALMS: 1 digit occupation code	
V117	occupation	From PALMS: 4 digit occupation code	
V118	industry	From PALMS: 3 digit industry code	
V119	jobindcode	From PALMS: 1 digit industry code	
V120	indus	1 digit industry code from SESE	
V121	numworkers	From PALMS: Number of regular workers at job (2001 only)	
V122	jobstartyear	From PALMS: Year started working in this job	
V123	jobstartmonth	From PALMS: Month started working in this job	
V124	hrslstwk	From PALMS: Hours worked in total in last 7 days	
V125	earnings	From PALMS: consistent monthly earnings (rand amt) variable (not in 2013)	
V126	outlier	From PALMS: regression based outlier flag showing a studentised residual with va	
V127	hhsiz	(derived) from PALMS: household size	
V128	numemployed	(derived) from PALMS: Number of employed in hh excl business owner	

ID	Name	Label	Question
V129	numwageemployed	(derived) from PALMS: Number of wage employed in hh excl business owner	
V130	numselfemployed	(derived) from PALMS: Number of self-employed in hh excl business owner	
V131	numkids	(derived) from PALMS: Number of <15 in the hh	
V132	numold	(derived) from PALMS: Number of 65+ in the hh	
V133	cpi	CPI from P0141 series by Stats SA, revised so that SESE 2013 is the base year	

Total: 133



**UQNR: household id variable, as in original data****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Width: 20 Range: - Format: character

**RECORDTYPE: Type of record keeping****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Simple informal records of sales and/or expenditures
2	2. Some accounts but not full (for example expenditures)
3	3. Full annual accounts
4	4. No accounts kept
9	9. Unspecified

**PERSONNR: Person number****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 18 Format: Numeric

**WEIGHT: Stats SA person weight****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 14 Range: 18.6267 - 6191.959057454 Format: Numeric

**BUSNUMBER: Business number of the owner****Data file: ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

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**YEAR: Year of survey**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 4 Range: 2001 - 2013 Format: Numeric

---

**GENDER: Owner's Gender**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Male
2	2. Female
9	9. Unspecified

---

**POPGROUP: Owner's Population Group**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. African/Black
2	2. Coloured
3	3. Indian/Asian
4	4. White

5	5. Other
9	9. Unspecified

## LOCATION: Firm's location

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	1. In owner's dwelling/s - in own space (e.g. a separate room)
2	2. In owner's dwelling/s - without own space (e.g. family room)
3	3. In structure attached to owner's dwelling/s or on the same plot (e.g. a workshop in the back yard)
4	4. In another person's dwelling (e.g. a neighbour's dwelling)
5	5. In a non-residential building (e.g. an office block or factory)
6	6. From a taxi rank / bus station / train station
7	7. On a footpath, street or open space
8	8. At a market
9	9. No fixed location/mobile
10	10. At customer's homes or offices
11	11. Other
99	99. Unspecified

## PAYLOCATION: Do you pay for the location for business purposes

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	1. Yes
2	2. No

3	3. Not applicable
8	8. Not applicable
9	9. Unspecified

### EXPSEPARATE: Are business expenditures recorded separately from hh expenditures?

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. Yes, they are all recorded separately
2	2. Some are recorded separately, some together
3	3. No, they are all recorded together
4	4. No, business expenditures are not recorded
8	8. Not applicable
9	9. Unspecified

### LICENSE: Does bus.have permits or licenses

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

### INCOMETAX: Is bus. registered for income tax? (2005+2009 only)

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

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## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

---

**UIF: Is bus. registered for UIF?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

---

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

---

**MONTHOPERATE: No. of months firm operated in last year****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

**WHYNOOPERATE: Main reason the business did not operate in some months?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Seasonal factors
2	2. Family reasons (e.g. sick child)
3	3. No customers
4	4. Sickness of yourself or staff
5	5. Non payment of govt taxes/charges
6	6. Other personal reasons than sickness (eg pregnancy)
7	7. Lack of raw materials
8	8. Lack of funds to buy supplies
9	9. No one to help during owner's absence
10	10. Business created during the past 12 months
11	11. Due to violence or criminal incident/s
12	12. Other
88	88. Not applicable
99	99. Unspecified

### FIRMAGE: Age of the firm

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Less than a year ago
2	2. Between 1 and 3 years ago
3	3. Between 3 and 5 years ago
4	4. Between 5 and 10 years ago
5	5. 10 or more years ago
6	6. Don't Know
9	9. Unspecified

**STARTREASON: Main reason you started the business?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Inherited/family tradition
2	2. Unemployed/ have no alternative income
3	3. Retrenched
4	4. Inadequate income from the other sources
5	5. I like the activity
6	6. I have the skills for this business
7	7. I have equipment for this business
8	8. Activity brings high income
9	9. Small investment needed
10	10. Unhappy with previous work
11	11. Other
99	99. Unspecified

**SINGLEOWNER: single owner?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Single Owner
2	2. Multiple Owners
9	9. Unspecified

**PARTNERSINHH: Partners in your households?**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Yes
1	1. Yes
2	2. No
8	8. Not applicable
9	9. Unspecified

**NUMHHPARTNERS: No. of partners in the household**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

**PARTNERSINOTHHH: Partners outside your hh?**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Not applicable
1	1. Yes
2	2. No
8	8. Not applicable
9	9. Unspecified

**NUMOTHPARTNERS: No. of partners outside the household****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPPAID1YR: No. of paid employees 1 year ago****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPAID1YR: No. of unpaid employees 1 year ago****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPPAID: No. of paid employees in last 7 days****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPAID: No. of unpaid employees in last 7 days****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPFT: No. of full time unpaid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

**EMPPFT: No. of full time paid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPT: No. of part-time unpaid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

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**EMPPPT: No. of part-time paid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

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**EMPPMALE: No. of paid male workers****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

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**EMPPFEMALE: No. of paid female workers****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPMALE: No. of unpaid male workers****Data file: ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPFEMALE: No. of unpaid female workers**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPPBLACK: No. of black paid employees**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPBLACK: No. of black unpaid employees**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

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**EMPPCOLOURED: No. of coloured paid employees**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPCOLOURED: No. of coloured unpaid employees**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPPINDIAN: No. of Indian paid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPINDIAN: No. of Indian unpaid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPPWHITE: No. of white paid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

---

**EMPUNPWHITE: No. of white unpaid employees****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

---

**SUPPLIESCOST: Amt spent on supplies in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 999999 Format: Numeric

---

**WAGES: Amt spent on wages in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

**INKIND: Amt spent on in kind payments in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**TRANS: Amt spent on transport refunds in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**OTHERLABCOST: Amt spent on other labour costs in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**RAWMATAMT: Amt spent on raw materials in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 999999 Format: Numeric

---

**ELEC: Amt spent on electricity in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**WATER: Amt spent on water in last month****Data file: ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**FUEL: Amt spent on fuel in last month**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**SPARES: Amt spent on spares in last month**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**RENTPREM: Amt spent on renting premises in last month**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**RENTEQUIP: Amt spent on renting equipment in last month**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 15000 Format: Numeric

---

**OFFICE: Amt spent on office supplies in last month**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**TRANSPORT: Amt spent on transport of raw mat in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**REPAIRS: Amt spent on repairs in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**BUSSERVICES: Amt spent on business services in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**INSMORT: Amt spent on insurance and mortgage in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

---

**PROTECTION: Amt spent on protection agencies in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

---

**OTHER: Amt spent on other in last month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99999 Format: Numeric

**WAGESOWN: Own salary (2009, 2013 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 150000 Format: Numeric

---

**INKINDOWN: Own payment in kind (2009, 2013 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 70000 Format: Numeric

---

**TRANSOWN: Own transport pay (2009, 2013 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 180000 Format: Numeric

---

**OTHEROWN: Own other remuneration (2009, 2013 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 4 Range: 0 - 8000 Format: Numeric

---

**SALES: Gross income from sales in the last calendar month****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 6 Range: 0 - 999999 Format: Numeric

---

**OTHERINC: Other income not from sales in last calendar month****Data file: ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 300000 Format: Numeric

---

**PROFIT: Net income/profit in last calendar month**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 999999 Format: Numeric

---

**AVGPROFIT: Average profit made after deductions**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 999999 Format: Numeric

---

**CURRENTDEBT: Business currently has debt?**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

---

**DEBTSIZE: Debt Amt**

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 7 Range: 0 - 9999999 Format: Numeric

---

**INVMACH: Did the business invest in machinery in the last year?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

**INVMACHAMT: Amount spent on machinery in the past year****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 0 - 88888 Format: Numeric

**INVTTOOLS: Did the business invest in tools in the past year?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

**INVTTOOLSAMT: Amount spent on tools in the past year****Data file: ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 0 - 88888 Format: Numeric

**INVVEHICLE: Did the business invest in vehicles, trailers, etc. for transport in the past ye**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

**INVVEHICLEAMT: Amount spent on vehicles, trailers, etc. for transport in the past year**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 7 Range: 0 - 9000000 Format: Numeric

**INVBUILDING: Did the business invest in buildings and other structures in the past year?**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

**INVBUILDINGAMT: Amount spent on buildings and other structures in the past year****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 888888 Format: Numeric

**INFURNITURE: Did the business invest in furniture in the past year?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

**INFURNITUREAMT: Amount spent on furniture in the past year****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 0 - 888888 Format: Numeric

**INVOTHER: Did the business invest in other capital items in the past year?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
-------	----------

1	1. Yes
2	2. No
9	9. Unspecified

### INVOTHERAMT: Amount spent on other capital items in the past year

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 0 - 88888 Format: Numeric

### STARTUPK: Start up capital req?

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. Yes
2	2. No
9	9. Unspecified

### OWNSTARTUPK: Used own money for start up k?

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
0	0. Not applicable
1	1. Yes
2	2. No

8	8. Not applicable
9	9. Unspecified

### STARTUPKAMT: Amt of own money used for start up k

Data file: ess-2001-2013-v1.3

#### Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 7 Range: 0 - 9999999 Format: Numeric

### STARTUPKCOOP: Borrowed from coop/stokvel for start up K? (01+05 only)

Data file: ess-2001-2013-v1.3

#### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
1	1. Yes
2	2. No
8	8. Not applicable
9	9. Unspecified

### STARTUPKCOOPAMT: Amt borrowed from coop for start up k? (01+05 only)

Data file: ess-2001-2013-v1.3

#### Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 0 Width: 5 Range: 20 - 99999 Format: Numeric

### STARTUPKOTHER: Borrowed from other source for start up K? (01+05 only)

Data file: ess-2001-2013-v1.3

#### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category
1	1. Yes
2	2. No
8	8. Not applicable
9	9. Unspecified

---

### STRATUM2: From PALMS: stratum (2009 and 2013 only)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 6 Range: 101101 - 947405 Format: Numeric

---

### STARTUPKOTHAMT: Amt borrowed from other sources for start up k? (01+05 only)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 2 - 99999 Format: Numeric

---

### STARTUPKBORROWANY: Borrowed to start business? (09+13 only)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

---

## Questions and instructions

---

### CATEGORIES

Value	Category
0	0. Not applicable
1	1. Yes
2	2. No
8	8. Not applicable

---

**STARTUPKBORROWAMT: Amount borrowed to start business (09+13 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 7 Range: 10 - 9999999 Format: Numeric

**TOILETTYPE: Toilet facilities available****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Flush toilet on site
2	2. Flush toilet off site
3	3. Chemical toilet
4	4. Pit latrine with ventilation pipe
5	5. Pit latrine without ventilation pipe
6	6. Bucket toilet
7	7. None
8	8. Other, specify
9	9. Not applicable
88	88. Not applicable
99	99. Unspecified

**ELECAVAIL: Electricity avail on site? (not in 2009)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
-------	----------

1	1. Yes
2	2. No
3	3. Not applicable
8	8. Not applicable
9	9. Unspecified

### ASSISTMOSTIMP: What is the most important thing you need assistance with? (not in 2009)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. Provision of an alternative site
2	2. Better access to loans
3	3. Assistance with marketing
4	4. Better access to raw materials/supplies
5	5. Easing in government regulations
6	6. Access to modern technology
7	7. Forming contacts with others in similar businesses
8	8. Other
9	9. Unspecified

### PROVINCE: From PALMS: Province

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. Western Cape
2	2. Eastern Cape

3	3. Northern Cape
4	4. Free State
5	5. KwaZulu-Natal
6	6. North West
7	7. Gauteng
8	8. Mpumalanga
9	9. Limpopo (Northern Province)

### EA: From PALMS: Primary Sampling Unit number

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 8 Range: 1011001 - 98601056 Format: Numeric

### STRATUM: From PALMS: stratum (2001 only)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 18 Format: Numeric

### URBRUR: From PALMS: location type (2001 only)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
1	1. Urban
2	2. Non-urban (Rural)

### URBRUR2: From PALMS: location type (2009 and 2013 only)

Data file: **ess-2001-2013-v1.3**

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Urban formal
2	2. Urban informal
4	4. Tribal areas
5	5. Rural formal

**METRO: From PALMS: metro code (2009 and 2013 only)**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 76 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Non_Metro
71	71. Cape Town
72	72. eThekweni
73	73. eKurhuleni
74	74. Johannesburg
75	75. Nelson Mandela Metro
76	76. Tshwane

**CEWEIGHT2: From PALMS: Cross Entropy weight: ASSA2008 midyear estimates**Data file: **ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 16 Range: 1.15470910072327 - 5104.48388671875 Format: Numeric

**PWEIGHT: Stats SA person weight from (Q)LFS****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 12 Range: 50.0000001 - 5260.7718704 Format: Numeric

**INPERSON: From PALMS: Is the person responding in person?****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
8	8. Not Applicable
9	9. Unspecified

**MARSTAT: From PALMS: Owner's Marital Status****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Married or living together as husband and wife
2	2. Widow/widower
3	3. Divorced or separated
4	4. Never married
9	9. Unspecified

**AGE: From PALMS: Owner's Age****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 3 Range: 15 - 999 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
999	999. Unspecified

**YRSEDUC: From PALMS: Owner's Years of education, derived variable****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 16 Format: Numeric

**EDUCHIGH1: From PALMS: Owner's Highest level of Education (2001 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. No schooling
1	1. Grade R/0
2	2. Sub A/Grade 1
3	3. Sub B/Grade 2
4	4. Grade 3/Standard 1
5	5. Grade 4/Standard 2
6	6. Grade 5/Standard 3
7	7. Grade 6/Standard 4
8	8. Grade 7/Standard 5
9	9. Grade 8/Standard 6/Form 1

10	10. Grade 9/Standard 7/Form 2
11	11. Grade 10/Standard 8/Form 3
12	12. Grade 11/Standard 9/Form 4
13	13. Grade 12/Standard 10/Form 5/Matric
14	14. NTC I
15	15. NTC II
16	16. NTC III
17	17. Diploma/Certificate with less than Grade 12/Std 10
18	18. Diploma/Certificate with Grade 12/Std 10
19	19. Degree
20	20. Postgraduate degree or diploma
21	21. Other
22	22. Don't know
99	99. Unspecified

## EDUCHIGH2: From PALMS: Owner's Highest level of Education (2009 and 2013 only)

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 98 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
0	0. No schooling
1	1. Grade R/0
2	2. Grade 1/Sub A
3	3. Grade 2/Sub B
4	4. Grade 3/Standard 1
5	5. Grade 4/Standard 2
6	6. Grade 5/Standard 3
7	7. Grade 6/Standard 4
8	8. Grade 7/Standard 5
9	9. Grade 8/Standard 6/Form 1
10	10. Grade 9/Standard 7/Form 2
11	11. Grade 10/Standard 8/Form 3
12	12. Grade 11/Standard 9/Form 4

13	13. Grade 12/Standard 10/Form 5/Matric
14	14. NTC I
15	15. NTC II
16	16. NTC III
17	17. Certificate with less than Grade 12/Std 10
18	18. Diploma with less than Grade 12/Std 10
19	19. Certificate with Grade 12/Std 10
20	20. Diploma with Grade 12/Std 10
21	21. Bachelors Degree
22	22. Bachelors Degree and Diploma
23	23. Honours Degree
24	24. Higher Degree (Masters, Doctorate)
25	25. Other
26	26. Do not know

### ENROLLMENT3: From PALMS: Owner's Enrollment (2001 only)

Data file: ess-2001-2013-v1.3

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
1	1. Full-Time
2	2. Part-time
3	3. Not enrolled
9	9. Unspecified

### EMPSTAT1: From PALMS: Owner's Employment status, official

Data file: ess-2001-2013-v1.3

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	0. Not economically active
1	1. Employed
2	2. Unemployed

## EMPSTAT2: From PALMS: Owner's Employment status, expanded

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
0	0. Not economically active
1	1. Employed
2	2. Unemployed

## EMPLOYER: From PALMS: Who does ... work for in main job (2001 only)

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Working for someone else for pay
2	2. Working for one or more private households as a domestic employee
3	3. Working on his/her own or on a small household farm/plot
4	4. Working on his/her own or with a partner
5	5. Helping without pay in a household business
8	8. Not applicable

9	9. Unspecified
---	----------------

## JOBCCCODE: From PALMS: 1 digit occupation code

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	1. Legislators, senior officials and managers
2	2. Professionals
3	3. Technical and associate professionals
4	4. Clerks
5	5. Service workers and shop and market sales workers
6	6. Skilled agricultural and fishery workers
7	7. Craft and related trades workers
8	8. Plant and machine operators and assemblers
9	9. Elementary Occupation
10	10. Domestic workers
88	88. Not applicable
91	91. Occupation not elsewhere defined
97	97. Occupation not adequately defined
99	99. Occupation not elsewhere defined, Unspecified

## OCCUPATION: From PALMS: 4 digit occupation code

Data file: **ess-2001-2013-v1.3**

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 4 Range: 850 - 9999 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
8888	8888. Not applicable

9999	9999. Unspecified
------	-------------------

**INDUSTRY: From PALMS: 3 digit industry code****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Invalid Code
888	888. Not applicable
999	999. Unspecified
8888	8888. Not applicable
9999	9999. Unspecified

**JOBINDCODE: From PALMS: 1 digit industry code****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Agriculture, hunting, forestry and fishing
2	2. Mining and quarrying
3	3. Manufacturing
4	4. Utilities
5	5. Construction
6	6. Trade
7	7. Transport
8	8. Finance
9	9. Services
10	10. Domestic Services

**INDUS: 1 digit industry code from SESE****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Agriculture, hunting, forestry and fishing
2	2. Mining and quarrying
3	3. Manufacturing
4	4. Electricity, gas and water supply
5	5. Construction
6	6. Wholesale and retail trade
7	7. Transport, storage and communication
8	8. Financial Services
9	9. Community, social and personal services
10	10. Private Households
90	90. Other
99	99. Unspecified

**NUMWORKERS: From PALMS: Number of regular workers at job (2001 only)****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. 1
2	2. 2-4
3	3. 5-9
4	4. 10-19

5	5. 20 - 49
6	6. 50 or more
7	7. Don't know
8	8. Not applicable
9	9. Unspecified

### JOBSTARTYEAR: From PALMS: Year started working in this job

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 4 Range: 1950 - 9999 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
8888	8888. Not applicable
9999	9999. Unspecified

### JOBSTARTMONTH: From PALMS: Month started working in this job

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. January
2	2. February
3	3. March
4	4. April
5	5. May
6	6. June
7	7. July
8	8. August
9	9. September

10	10. October
11	11. November
12	12. December
88	88. Not applicable
99	99. Unspecified

### HRSLSTWK: From PALMS: Hours worked in total in last 7 days

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
888	888. Not applicable
999	999. Unspecified

### EARNINGS: From PALMS: consistent monthly earnings (rand amt) variable (not in 2013)

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 2.5 - 80003 Format: Numeric

### OUTLIER: From PALMS: regression based outlier flag showing a studentised residual with va

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

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

### HHSIZE: (derived) from PALMS: household size

Data file: **ess-2001-2013-v1.3**

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 2 Range: 1 - 26 Format: Numeric

**NUMEMPLOYED: (derived) from PALMS: Number of employed in hh excl business owner****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 10 Format: Numeric

---

**NUMWAGEEMPLOYED: (derived) from PALMS: Number of wage employed in hh excl business owner****Data file: ess-2001-2013-v1.3****Overview**

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

---

**NUMSELFEMPLOYED: (derived) from PALMS: Number of self-employed in hh excl business owner****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 6 Format: Numeric

---

**NUMKIDS: (derived) from PALMS: Number of <15 in the hh****Data file: ess-2001-2013-v1.3****Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 13 Format: Numeric

---

**NUMOLD: (derived) from PALMS: Number of 65+ in the hh****Data file: ess-2001-2013-v1.3****Overview**

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

---

**CPI: CPI from P0141 series by Stats SA, revised so that SESE 2013 is the base year****Data file: ess-2001-2013-v1.3**

## Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 16 Range: 0.50041389465332 - 1 Format: Numeric

---

## Download related resources

### Questionnaires

#### [Questionnaire: Survey of Employers and the Self-Employed 2001]

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Title [Questionnaire: Survey of Employers and the Self-Employed 2001]  
 Date 2001-01-01  
 Country South Africa  
 Language English  
 Contributor(s) This is the questionnaire for the survey  
 Filename q-sese-2001.pdf

---

#### [Questionnaire: Survey of Employers and the Self-Employed 2005]

---

Title [Questionnaire: Survey of Employers and the Self-Employed 2005]  
 Date 2005-01-01  
 Country South Africa  
 Language English  
 Contributor(s) This is the questionnaire for the survey  
 Filename q-sese-2005.pdf

---

#### Survey of Employers and the Self-Employed 2013

---

Title Survey of Employers and the Self-Employed 2013  
 Date 2013-01-01  
 Country South Africa  
 Language English  
 Contributor(s) This is the questionnaire for the Survey of Employers and Self-employed (SESE). The SSE has been created through harmonising the datasets from the SESE for 2001, 2005, 2009 and 2013. This questionnaire is therefore provided with the SSE as background in  
 Filename q-sese-2013.pdf

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#### Survey of Employers and Self-Employed 2009

---

Title Survey of Employers and Self-Employed 2009  
 Date 2009-01-01  
 Country South Africa  
 Language English  
 Contributor(s) This is the questionnaire for the survey  
 Filename q-sese-2009.pdf

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### Technical documents

#### A Guide to the Employers and the Self-employed Series

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Title A Guide to the Employers and the Self-employed Series  
 Author(s) Andrew Kerr

Date 2015-03-24  
Country South Africa  
Language English  
Contributor(s) This is the final report released with the dataset  
Filename ess-2001-2013-v1.3-guide.pdf

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## Other materials

### [ESS 2001-2013 syntax files]

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Title [ESS 2001-2013 syntax files]  
Author(s) Andrew Kerr  
Date 2015-02-10  
Country South Africa  
Language English  
Contributor(s) This is a zipped folder containing the syntax files used to create the dataset.  
Filename ESS1.3 do and csv files.zip

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