

# South Africa - Post Apartheid Labour Market Series 1993-2019

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Report generated on: August 16, 2023

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## Identification

### SURVEY ID NUMBER

zaf-datafirst-palms-1993-2019-v3.3.1

### TITLE

Post Apartheid Labour Market Series 1993-2019

### COUNTRY

Name	Country code
South Africa	zaf

### STUDY TYPE

Labour Force Survey

### ABSTRACT

The Post-Apartheid Labour Market Series (PALMS) version 3.3 is a stacked cross sectional dataset created by DataFirst at the University of Cape Town. The data consists of microdata from 69 household surveys conducted by Statistics South Africa between 1994 and 2019, as well as the 1993 Project for Statistics on Living Standards and Development conducted by SALDRU at UCT. The Statistics South Africa surveys include the October Household Surveys from 1994 to 1999, the bi-annual Labour Force Surveys from 2000-2007, including the smaller LFS pilot survey from February 2000, and the Quarterly Labour Force Surveys from 2008-2019. The data is at individual level, but household level variables may be created using the household id variable uqnr. No attempt has been made to link individuals or households across waves, although there was a panel element to the earlier rounds of the LFS, as well as the QLFS.

### KIND OF DATA

Sample survey data

### UNIT OF ANALYSIS

Households and individuals

## Version

### VERSION DESCRIPTION

v3.3.1: Edited, anonymised dataset for public distribution

### VERSION DATE

2023-08-16

### VERSION NOTES

The current version of the Post Apartheid Labour Market Series (PALMS) is version 3.3 covering 1993-2019. Data from Statistics SA's Quarterly Labour Force Surveys 2018 and 2019 have been added to the data in this dataset. This version also contains the new the new calibrated weights for the data produced on the 4th of March 2020. This is a temporary solution to provision of the weights, which will be incorporated into PALMS version 3.4 currently being prepared by DataFirst.

Earlier versions of this dataset were:

#### Version 1.0.1:

The following derived variables were added to this version of the dataset:

enrollment3, enrolled: enrolment variables

hrs1stwk: Hours worked in last week

employer1, businesstype1, businesstype2: questions about wage/self employment. More detailed in LFSs.

publicemp: a dummy for whether the individual is employed in the public sector

Changes in versions 1.0.2 and 1.0.3 were not recorded.

#### Version 1.0.4

The following derived variables were added to this version of the dataset:

Improved psu LFS 03:1 variable.

personnum in OHSs and LFSs to allow easier merging, on advice from Nicola Branson.  
Extra EA/PSU variables in some years where these were missing.  
numlabels, were also added, where these were missing.

#### Version 1.0.5

The following derived variables were added to this version of the dataset:  
EA/PSU variables for both 2000 waves, both 2006 waves and both 2007 waves. EA variables may not always be consistent ACROSS waves but are correct WITHIN waves to allow for checks on the number of hh per ea, which look right in ALL LFS waves now.

#### Version 1.0.6.

In this version the 1994 income data from the OHS 1994 has been corrected, and the 1994 data no longer has the imputations and fixes from Statistics South Africa.  
The OHS 1994 wage employment income is included as wageempincome2 and wageempincome3 (different for gross and net responses).

#### Version 1.0.7

This version has label changes (data signature is the same as version 1.0.6)

#### Version 1.0.8

In this version the variable uqnr\_orig has been added, which is a string version of the household id variable exactly as it appeared in each survey. This will assist those researchers who wish to merge in extra data from the OHSs or LFSs.

#### Version 1.0.9, October 2012

The following variables have been added to this version of the data:

- (i) The LFS variable for hours worked in last week
- (ii) An homogenised EA variable
- (iii) A variable indicating formality of firm an individual owns or works for
- (iv) Variables for number of workers for self-employed (worker numbers for OHS only): selfformalreg selfvatreg selfpaidemp selfunpaidemp wageformalreg formalreg

In this version the OHS 1997 industry variable has been corrected to include industry of the self-employed.

#### Version 2.0, August 2013

- (i) Included the QLFS up until March 2012 (inclusive)
- (ii) Reworked approach to labour income variable creation (see documentation for more information)

#### Version 2.1, September 2013 (modified September 2015)

(i) Included a separate datafile with multiple imputations for labour income. This datafile is called "palmsv2.1miincomes" and can be used for analysis of trends in labour income over time. Details of the imputation process can be found in the document titled, "Multiply Imputed Labour Income Data, PALMS v2.1 (1994-2012)"

(ii) Also included with this version of the PALMS are the cross-entropy weights

Not all the files in this dataset are version 2.1. DataFirst versions at file level, so only the files which have been updated will be re-versioned in a new release. This prevents users having to download the files which have not been changed.

Some of the data files in this version of the dataset - the ones that remain unchanged - will therefore still be version 2. The dataset will receive the version number of the latest versioned file.

The PALMS 1994-2012 version 2.1 dataset consists of the following files:

The data files (unchanged version 2 files)

The cross-entropy weights (unchanged version 1.2 files)

The incomes data (unchanged version 2)

The imputed incomes data version 2.1

document

Version 3.1 includes data from the QLFS 2013-2015 and data from the 1993 survey "Project for Statistics on Living Standards and Development", conducted by SALDRU at UCT.

Version 3.2 had data from the QLFS 2016-2017 added to version 3.1

Changes in version 3.3 are the inclusion of:

Data from QLFS 2017 (Q 3 and Q4), QLFS 2018, and QLFS 2019 (Q1 and 2)

Earnings data from the QLFS released in the 2016 and 2017 Labour Market Dynamics in South Africa dataset.

Cross entropy weights that are based on the new Stats SA mid-year population estimates, extended back to 1993.

A corrected years of education variable.

Corrected nominal multiply imputed earnings data

A variable on whether the worker's rm deducted Unemployment Insurance Fund (UIF) contributions from their earnings.

3 digit industry code variables for both the industry and industry2 variables. industry is the 3 digit code for OHS 99 and the LFSs, whilst industry2 is the 3 digit code for the OHS 96-98 and the QLFS.

Additionally, in version 3.3 the variable formalreg2 was dropped and replaced with informal\_derived.

Changes in 3 version 3.3.1

PALMSv3.3 was released in 2019 but in July 2023 we discovered an error in the ceweight1 and bracketweight variables for 1993. For now we are releasing a new version of PALMS, v3.3.1, which simply has these two variables set to missing in 1993. In the near future we will release version 3.3.2 which will have the corrected ceweight and bracketweight variables. This error was not present in PALMS v3.2 and earlier versions.

## Scope

### NOTES

There are currently over 120 variables in the dataset and over 5.7 million observations, including concerning children and the elderly. The variables included are mainly those to do with the labour market, although some household variables, such as dwelling type and access to services, as well as access to government social grants, are also included.

### TOPICS

Topic
Employment
income
labour markets
social grants.

## Coverage

### GEOGRAPHIC COVERAGE

The surveys used to construct PALMS had national coverage

### GEOGRAPHIC UNIT

The lowest level of geographic aggregation in PALMS is province.

### UNIVERSE

The target population is all households. Coverage of workers' hostels, convents/monasteries, as well as institutions such as old age homes, hospitals, prisons and military barracks varied across the surveys. Data users will need to consult the individual OHS, LFS and QLFS datasets for information on the universe for each survey.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Andrew Kerr	DataFirst, University of Cape Town
David Lam	University of Michigan
Martin Wittenberg	DataFirst, University of Cape Town

### OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Role
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Statistics South Africa

Producer of original datasets used to create the PALMS dataset

## Sampling

### WEIGHTING

PALMS v3+ includes several weight variables: the person weights released by Statistics South Africa/SALDRU, cross entropy weights created by Nicola Branson from SALDRU at the University of Cape Town, and a cross entropy weights created by Takwanisa Machemedze at DataFirst, UCT, who uses Branson's method but the 2008 model for the South African population from the Actuarial Society of South Africa (ASSA). Branson used the ASSA 2003 model. Cross entropy weights are included and are the weighting variables preferred by DataFirst because the Stats SA weights presented in the data are problematic for analyses over time, for two main reasons. First, the auxiliary data used as a benchmark in the post-stratification adjustment are unreliable and inconsistent over time and hence result in temporal inconsistencies even at the aggregate level. Second, since the adjustments were made at the person level until 2003, there is no hierarchical consistency between the person and household weighted series until 2003. Thus estimates at the household and person level may disagree. Branson's weights, created using entropy estimation, result in consistent demographic and geographic trends and can be used at both the person and household level. Machemedze's weights should be used as these update Branson's method using the newest ASSA model. For further details on the cross entropy approach see Branson and Wittenberg (2014).

Version 3.3. of PALMS includes a Stata data file with new weights for the data - "palms\_v1\_cewgt\_care\_model\_20200304" which will eventually be added to version 3.4 of PALMS.

The weights are calibrated to mid-year population estimates from the CARE model discussed in Dorrington, Machemedze and Kerr 2020. The CARE model population estimates are an improvement to the previously used ASSA model estimates as the new model is based on updated assumptions and is consistent with recent data. The CARE model population estimates are also available for an extended period of time (1991-2022) compared to mid-year population estimates from Statistics South Africa (2002-2019).

## Data Collection

### DATES OF DATA COLLECTION

Start	End
1993	2019

### DATA COLLECTION MODE

Other

### DATA COLLECTION NOTES

The data was drawn from the 1993 Project for Statistics on Living Standards and Development conducted by SALDRU at UCT and household surveys conducted by Statistics South Africa between 1994 and 2019, including the October Household Surveys 1994-1999, Labour Force Surveys 2000-2007, Quarterly Labour Force Surveys 2008-2019, and the Labour Market Dynamics in South Africa data for 2016-2017.

## Access policy

### CONTACTS

Name	Affiliation	Email	URL
DataFirst Helpdesk	University of Cape Town	support@data1st.org	<a href="#">Link</a>

### ACCESS CONDITIONS

Public access data for use under a Creative Commons CC-BY (Attribution-only) License

### CITATION REQUIREMENTS

Kerr, A. Lam, D. and M. Wittenberg. Post-Apartheid Labour Market Series 1993-2019 [dataset]. Version 3.3.1. Cape Town: DataFirst [producer and distributor], 2019. DOI: <https://doi.org/10.25828/gtr1-8r20>

## ACCESS AUTHORITY

Name	Affiliation	Email	URL
DataFirst	University of Cape Town	support@data1st.org	<a href="#">Link</a>

## Metadata production

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## PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Metadata Producer

## DATE OF METADATA PRODUCTION

2023-08-16

## DDI DOCUMENT VERSION

Version 6

**Data Description**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>palmsv3.3-stata11</b>	0	86
<b>palmsv3.3incomes-stata11</b>	0	38
<b>palmsv3.3miincomes-stata11</b>	0	26





**Data file: palmsv3.3-stata11**

Cases:	0
Variables:	86

**Variables**

ID	Name	Label	Question
V1	uqnr	household id variable, as in original data	
V2	personnr	Person number	
V3	year	Survey year	
V4	wave	Survey wave, PSLSD 1993=0, OHS 1994=1, QLFS Dec 2015=54	
V5	ea	Primary Sampling Unit number	
V6	stratum	stratum var to be used for svyset in Stata- group of stratum and wave	
V7	province	Province	
V8	pweight	Original Stats SA/PSLSD person weight	
V9	ceweight1	Cross Entropy weight: SSA 2019 midyear estimates	
V10	hweight	Stats SA household weight	
V11	urbrur	Area type, waves 0-15 (LFS 2004:1)	
V12	popgroup	Population group	
V13	gender	Gender (1=Male 2=Female)	
V14	age	Age	
V15	marstat	Marital Status (consistent coding for all waves)	
V16	educhigh0	Highest education level, OHSs only	
V17	empstat1	Employment status, official	
V18	empstat2	Employment status, expanded	
V19	employer	Who does ... work for in main job (LFS only)	
V20	employer1	Who does individual work for? (PSLSD+OHS only)	
V21	numworkers	Number of regular workers at job, LFS	
V22	jobstartmonth	Month started working for employer, LFS+QLFS only	
V23	jobstartyear	Year started working for employer, LFS+QLFS only	
V24	selfformalreg	Individual considers the business they operate formal (OHS only)	
V25	selfvatreg	Business operated by the individual is registered for VAT (OHS only)	
V26	selfpaidemp	Number of paid employees in own enterprise (OHS only)	
V27	selfunpaidemp	Number of unpaid employees in own enterprise (OHS only)	
V28	wageformalreg	Employee considers the enterprise they work for formal (OHS only)	
V29	formalreg0	LFS variable for wage/self/domestic: business is formal, registered	
V30	regisvat	Business registered for VAT, all in LFS, only self-emp in QLFS	
V31	jobindcode	Industry of employment, short code	
V32	industry	3 digit industry SIC code, OHS 99+LFS	
V33	industry2	3 digit industry SIC code OHS96-98 +QLFS	
V34	indust2digit	2 digit Industry, OHS 94+95	
V35	jobocccode	Occupation of main job, short code	
V36	occupation	4 digit occ code OHS 96-LFS 2002:1	
V37	occupation1	3 digit occupation code, OHS 94+95	
V38	occupation2	4 digit occ code LFS 2002:2 onwards	

ID	Name	Label	Question
V39	jobunion	Member of trade union, PSLSD, OHS+LFS+QLFS 2012 onwards only	
V40	publicemp	Dummy: Employed by govt/public enterprise, PSLSD,LFS+QLFS only	
V41	businesstype1	Type of business where person works (waves 00:1 to 01:1)	
V42	businesstype2	Type of business where person works (waves 01:2 to 07:2)	
V43	hrslstwk	Hours worked in total in last 7 days	
V44	hhdisablegrant	Household member receives a disability grant	
V45	educhigh1	Highest level of Education, LFS only	
V46	inperson	Is the person responding in person	
V47	writtencontract	=1 if employee has written contract, LFS+QLFS	
V48	urbrur2	Area type, waves 23-50 (QLFS 2008:1- 2014:4)	
V49	urbrur3	Type of area, QLFS 2015 onwards	
V50	metro	Metro	
V51	educhigh2	Highest level of education (waves 04:2 to 2012:2)	
V52	educhigh3	Highest level of education (waves 2012:3 to 2016:2)	
V53	educhigh4	Highest level of education (waves 2016:3 to most recent QLFS)	
V54	employer2	Employer (QLFS)	
V55	businesstype3	Type of business where person works (QLFS)	
V56	jobcontract2	Contract is written or verbal?	
V57	registax	Business is registered for income tax (LFS and QLFS)	
V58	numworkers2	Number of employees at place of work (QLFS)	
V59	informal_sector_derived	DERIVED (by stats SA) variable : is job/business in formal sector, informal sect	
V60	informal_emp_derived	DERIVED (by stats SA) variable : indiv is in informal employment (QLFS 2009:3 on	
V61	formalreg1	Is the business formal, informal or private hh? 2008:1 until 2009:2	
V62	uif	Does employer deducted unemployment insurance fund contributions?	
V63	yrseeduc	Years of education, derived variable	
V64	publicemp2	Public employment dummy that includes OHS, as well as PSLSD,LFS+QLFS	
V65	earnings	consistent monthly earnings (rand amt) variable for PALMSv2+	
V66	realearnings	consistent REAL monthly earnings (rand amt) variable for PALMSv2+	
V67	outlier	outlier flag based on regression+showing a studentised residual >=5	
V68	employerAll	Wage worker or Self-employed - all waves	
V69	pr_rand	Probability of giving actual Rand amount	
V70	bracketweight	Weight to correct for bracket responses, now using Stats SA demographic model	
V71	dc	District Council/Municipality	
V72	enrolled	More detailed enrollment status variable, for LFS only	
V73	enrollment3	Enrollment status: PSLSD, OHS and LFS only	
V74	dweltype	Type of Dwelling of Household	
V75	watersource	Household's source of water	
V76	toiletmainttype	Household's Main toilet	
V77	hhpension	Household member receives an old age pension	
V78	hhchildsuppgrant	Household member receives a child support grant	
V79	hhcaredependgrant	Household member receives a care dependency grant	
V80	hhfostercaregrant	Household member receives a foster care grant	
V81	incpension	Indiv income past year from state old age pension	
V82	incdisabgrnt	Indiv income past year from disability grant	
V83	inctstmaint	Indiv income past year from state maintenance grant or child support grant	

ID	Name	Label	Question
V84	incdepgrnt	Indiv income past year from care dependency (single care) grant	
V85	incfostcrgrnt	Indiv income past year from foster care grant	
V86	employedpreferred	=1 if employed and NOT a self-employed agricultural worker	

Total: 86

**Data file: palmsv3.3incomes-stata11**

Cases:	0
Variables:	38

**Variables**

ID	Name	Label	Question
V87	uqnr	household id variable, as in original data	
V88	personnr	Person number	
V89	wave	Survey wave, PSLSD 1993=0, OHS 1994=1, QLFS Dec 2015=54	
V90	earnperiod_wage	Earnings Period, employees, OHS only	
V91	earnperiod_self	Earnings Period, self-employed, OHS only	
V92	earnperiod	Earnings Period	
V93	jobsalary	Earnings in wage or self-employment, LFSs	
V94	jobsalcat	Total salary at main job: category	
V95	wageempincome	Wage employment earnings in OHSs	
V96	wageempincome2	Total NET salary per month in employee main job. q3.13, OHS 94. Incl SSA imputes	
V97	empsalcat1	Total salary at main job: category, for employees, OHS 96-99	
V98	empsalcat2	Total salary at main job: category, for employees, OHS 95	
V99	empsalcat3	Total MONTHLY NET salary at main job: category, for employees, OHS 94. As releas	
V100	selfempincome1	Self employment earnings in OHSs	
V101	selfempincome2	Self-employment income q 3.19, calc PER MONTH by SSA, OHS 94. Incl imputes.	
V102	imputed	The original net income figure is imputed, OHS 94. See Wittenberg (2008)	
V103	salary_impute	Est net income per month for employees, OHS 94. See Wittenberg (2008)	
V104	impute_gross	The orig gross income from own acct figure is imputed, OHS 94. See Wittenberg (20	
V105	emp_impute	Est gross income p/month in own acct activities, OHS 94. See Wittenberg (2008)	
V106	deduc1	Was salary/pay total pay or take home pay?	
V107	deducamt1	Deduction amount	
V108	selfempinccat1	Total income at main job: category, for self-employed 99 OHS	
V109	selfempinccat2	Total income at main job: category, for self-employed 96-98 OHS	
V110	selfempinccat3	Total income at main job: category, for self-employed 95 OHS	
V111	selfempinccat4	Total MONTHLY income at main job: category, for self-employed 94 OHS	
V112	selfempexpgoods	Expenses on goods in self-employment, OHS 96-98	
V113	selfempexprenum	Expenses on remuneration in self-employment, OHS 96-98	
V114	selfempexpoth	Other Expenses in self-employment, OHS 96-98	
V115	selfempexpall	Total Expenses in self-employment, OHS 94 and 95	
V116	jobsalperiod2	Salary time period for employees (QLFS only)	
V117	tipscomm	Tips or Commission (QLFS only)	
V118	monthlyjobsalary	Monthly salary/wage for employees (QLFS only, includes imputed values)	
V119	salaryrefusedontknow	Employee refused or doesn't know salary amt (QLFS 2010 only)	
V120	selfemppayperiod2	Earnings period for self-employed(QLFS only)	
V121	monthlyjobearn	Monthly earnings for self-employed (QLFS only, includes imputed values)	
V122	earningsrefusedontknow	Self-employed refused or doesn't know earnings amt (QLFS 2010 only)	

ID	Name	Label	Question
V123	earningscat	Earnings category for wage and self-employed (QLFS only)	
V124	pslsd_earnings		

Total: 38

**Data file: palmsv3.3miincomes-stata11**

Cases:	0
Variables:	26

**Variables**

ID	Name	Label	Question
V125	uqnr	household id variable, as in original data	
V126	personnr	Person number	
V127	wave	Survey wave, PSLSD 1993=0, OHS 1994=1, QLFS Dec 2015=54	
V128	realearnings	Real monthly earnings, in Dec 2017 rands.	
V129	imputed_real_v1		
V130	imputed_real_v2		
V131	imputed_real_v3		
V132	imputed_real_v4		
V133	imputed_real_v5		
V134	imputed_real_v6		
V135	imputed_real_v7		
V136	imputed_real_v8		
V137	imputed_real_v9		
V138	imputed_real_v10		
V139	imputed_real		
V140	imputed_nom		
V141	imputed_nom_v1		
V142	imputed_nom_v2		
V143	imputed_nom_v3		
V144	imputed_nom_v4		
V145	imputed_nom_v5		
V146	imputed_nom_v6		
V147	imputed_nom_v7		
V148	imputed_nom_v8		
V149	imputed_nom_v9		
V150	imputed_nom_v10		

Total: 26



**UQNR: household id variable, as in original data****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Width: 18    Range: -    Format: character

**HWEIGHT: Stats SA household weight****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 18    Range: 0.0544900000095367 - 21533.18    Format: Numeric

**PERSONNR: Person number****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 2    Range: 0 - 85    Format: Numeric

**YEAR: Survey year****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 4    Range: 1993 - 2019    Format: Numeric

**WAVE: Survey wave, PSLSD 1993=0, OHS 1994=1, QLFS Dec 2015=54****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 68    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. PSLSD 1993
1	1. OHS 1994
2	2. OHS 1995



3	3. OHS 1996
4	4. OHS 1997
5	5. OHS 1998
6	6. OHS 1999
7	7. LFS 00:1
8	8. LFS 00:2
9	9. LFS 01:1
10	10. LFS 01:2
11	11. LFS 02:1
12	12. LFS 02:2
13	13. LFS 03:1
14	14. LFS 03:2
15	15. LFS 04:1
16	16. LFS 04:2
17	17. LFS 05:1
18	18. LFS 05:2
19	19. LFS 06:1
20	20. LFS 06:2
21	21. LFS 07:1
22	22. LFS 07:2
23	23. QLFS 08:1
24	24. QLFS 08:2
25	25. QLFS 08:3
26	26. QLFS 08:4
27	27. QLFS 09:1
28	28. QLFS 09:2
29	29. QLFS 09:3
30	30. QLFS 09:4
31	31. QLFS 2010:1
32	32. QLFS 2010:2
33	33. QLFS 2010:3
34	34. QLFS 2010:4
35	35. QLFS 2011:1
36	36. QLFS 2011:2
37	37. QLFS 2011:3
38	38. QLFS 2011:4
39	39. QLFS 2012:1
40	40. QLFS 2012:2
41	41. QLFS 2012:3

42	42. QLFS 2012:4
43	43. QLFS 2013:1
44	44. QLFS 2013:2
45	45. QLFS 2013:3
46	46. QLFS 2013:4
47	47. QLFS 2014:1
48	48. QLFS 2014:2
49	49. QLFS 2014:3
50	50. QLFS 2014:4
51	51. QLFS 2015:1
52	52. QLFS 2015:2
53	53. QLFS 2015:3
54	54. QLFS 2015:4
55	55. QLFS 2016:1
56	56. QLFS 2016:2
57	57. QLFS 2016:3
58	58. QLFS 2016:4
59	59. QLFS 2017:1
60	60. QLFS 2017:2
61	61. QLFS 2017:3
62	62. QLFS 2017:4
63	63. QLFS 2018:1
64	64. QLFS 2018:2
65	65. QLFS 2018:3
66	66. QLFS 2018:4
67	67. QLFS 2019:1
68	68. QLFS 2019:2

### EA: Primary Sampling Unit number

Data file: palmsv3.3-stata11

#### Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 9    Range: 1 - 984860250    Format: Numeric

### STRATUM: stratum var to be used for svyset in Stata- group of stratum and wave

Data file: palmsv3.3-stata11

**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 1 - 17380 Format: Numeric

**PROVINCE: Province****Data file: palmsv3.3-stata11****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)

**PWEIGHT: Original Stats SA/PSLSD person weight****Data file: palmsv3.3-stata11****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 18 Range: 0.0742899999022484 - 53717.9756 Format: Numeric

**CEWEIGHT1: Cross Entropy weight: SSA 2019 midyear estimates****Data file: palmsv3.3-stata11****Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 16 Range: 0 - 52818.5332121314 Format: Numeric

**URBRUR: Area type, waves 0-15 (LFS 2004:1)****Data file:** palmsv3.3-stata11**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)

**POPGROUP: Population group****Data file:** palmsv3.3-stata11**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

**GENDER: Gender (1=Male 2=Female)****Data file:** palmsv3.3-stata11**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

## AGE: Age

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 3 Range: -1 - 999 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
999	999. Unspecified

## MARSTAT: Marital Status (consistent coding for all waves)

Data file: palmsv3.3-stata11

### 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

## EDUCHIGH0: Highest education level, OHSs only

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 26    Format: Numeric

**Questions and instructions**

## CATEGORIES

<b>Value</b>	<b>Category</b>
0	0. No schooling
1	1. Grade 0
2	2. Grade 1
3	3. Grade 2
4	4. Grade 3
5	5. Grade 1/grade 2/grade 3 (OHS 94-95)
6	6. Grade 4
7	7. Grade 5
8	8. Grade 6
9	9. Grade 7
10	10. Grade 8
11	11. Grade 9
12	12. Grade 10
13	13. Grade 11
14	14. Grade 12
15	15. Grade 10/NTC I
16	16. Grade 11/NTC II
17	17. Grade 12/NTC III
18	18. NTC I
19	19. NTC II
20	20. NTC III
21	21. Certificate or diploma with less than grade 12
22	22. Certificate or diploma with grade 12
23	23. Undergraduate degree
24	24. Post-graduate degree
25	25. Degree (undergrad or postgrad)
26	26. Other

**EMPSTAT1: Employment status, official****Data file: palmsv3.3-stata11****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: Employment status, expanded

Data file: palmsv3.3-stata11

### 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: Who does ... work for in main job (LFS only)

Data file: palmsv3.3-stata11

### 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
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**EMPLOYER1: Who does individual work for? (PSLSD+OHS only)****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 0 - 8888    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Not applicable /Missing
1	1. Someone else
2	2. Him-/herself
3	3. Someone else and him-/herself
8888	8888. Not applicable

**NUMWORKERS: Number of regular workers at job, LFS****Data file:** palmsv3.3-stata11**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



**JOBSTARTMONTH: Month started working for employer, LFS+QLFS only****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 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

**JOBSTARTYEAR: Year started working for employer, LFS+QLFS only****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 1927 - 9999    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
8888	8888. Not applicable
9999	9999. Unspecified

**SELFFORMALREG: Individual considers the business they operate formal (OHS only)****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 0 - 8888    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Missing/Not applicable
1	1. Yes, formal
2	2. No, informal
8888	8888. Not applicable/missing

**SELFVATREG: Business operated by the individual is registered for VAT (OHS only)****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 0 - 8888    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Missing/Not applicable
1	1. Yes
2	2. No
3	3. Don't know
8888	8888. Not applicable/missing

**SELFPAIDEMP: Number of paid employees in own enterprise (OHS only)****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 2000    Format: Numeric

**SELFUNPAIDEMP: Number of unpaid employees in own enterprise (OHS only)****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 1000    Format: Numeric

**WAGEFORMALREG: Employee considers the enterprise they work for formal (OHS only)****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 0 - 8888    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Missing/Don't know
1	1. Yes/ formal
2	2. No/ informal (including domestic work)
8888	8888. Not applicable

**FORMALREG0: LFS variable for wage/self/domestic: business is formal, registered****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. In the formal sector
2	2. In the informal sector (including domestic work)
3	3. Don't know
8	8. Not applicable
9	9. Unspecified

**REGISVAT: Business registered for VAT, all in LFS, only self-emp in QLFS****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Yes
2	2. No
3	3. Don't know
8	8. Not applicable
9	9. Unspecified

**JOBINDCODE: Industry of employment, short code****Data file:** palmsv3.3-stata11**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

**INDUSTRY: 3 digit industry SIC code, OHS 99+LFS****Data file: palmsv3.3-stata11****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
10	10. Private Households With Employed Persons
20	20. Extraterritorial Organisations
30	30. Representatives Of Foreign Governments
60	60. Not Elsewhere Classified
90	90. Other Activities Not Adequately Defined
110	110. Growing Of Crops
111	111. Growing Of Grains (Eg. Maize, Wheat, Barley Etc.), Oil Seeds (Eg. Sunflowers) And Ground Nuts (Eg. Peanuts)
112	112. Growing Of Vegetables
113	113. Growing Of Other Horticultural Specialities And Nursery Products
114	114. Growing Of Fruit
115	115. Growing Of Vineyards
116	116. Growing Sugar Cane
117	117. Growing Of Cotton
118	118. Growing Of Other Crops (Eg. Spices) / Unspecified (Where No Other Details Are Given)
120	120. Farming Of Animals
121	121. Animals For Meat, Including Breeding But Excluding Chicken, Game Or Horses
122	122. Chickens, Including Breeding And Slaughtering
123	123. Horses
124	124. Dairy Farming, Including Milk Etc.
125	125. Sheep
126	126. Ostrich
127	127. Goats
128	128. Farming With Animals, Unspecified (Ie Where No Other Details Are Available)
129	129. Other Animal Farming: Production Of Animal Products Nec.
130	130. Production Of Organic Fertilizer
140	140. Forestry, Logging And Related Services
141	141. Forestry And Related Services
142	142. Logging And Related Services
150	150. Fishing, Operational Of Fish Hatcheries And Fish Farms

151	151. Ocean And Coastal Fishing
152	152. Rivers And Dams (Ie. Inland Fishing)
153	153. Fish Hatcheries And Fish Farms
160	160. Growing Of Crops Combined With Farming Of Animals
170	170. Agricultural And Animal Husbandry Services,
171	171. Animal Boarding Activities Without Health Care
172	172. Pest Control In Connection With Agriculture
173	173. Farm Development, Orchards And Field Preparation
174	174. Providing Agricultural Machinery With Drivers And Crew
175	175. Harvesting And Related Activities Such As The Preparation Of The Crop For Primary Markets By Cleaning,
176	176. Landscaping Gardening And Planning And Design In Connection With Planting, Sticking, Trimming,
177	177. Artificial Insemination, Herd Testing
178	178. Manure Gathering, Sheep Dipping And Sheering, Egg Cleaning And Grading
180	180. Game Hunting, Trapping And Game Propagation, Including
181	181. Game Propagation
182	182. Hunting And Trapping, Including Related Services
183	183. Game Breeding
190	190. Farming, Unspecified
210	210. Mining Of Coal And Lignite
221	221. Extraction Of Crude Petroleum And Natural Gas;
230	230. Mining Of Gold And Uranium Ore
240	240. Mining Of Metal Ores
241	241. Mining Of Iron Ore
242	242. Mining Of Non-Ferrous Metal Ores
250	250. Other Mining And Quarrying
251	251. Stone Quarrying, Clay And Sandpits
252	252. Mining Of Diamonds (Including Alluvial Diamonds)
253	253. Mining And Quarrying N.E.C.
290	290. Service Activities Incidental To Mining Of Minerals
300	300. Manufacture Of Food Products, Beverages And Tobacco Products
301	301. Production, Processing And Preservation Of Meat, Fish, Fruit, Vegetables,
302	302. Manufacture Of Dairy Products
303	303. Manufacture Of Grain Mill Products, Starches And Starch Products And
304	304. Manufacture Of Other Food Products
305	305. Manufacture Of Beverages
306	306. Manufacture Of Tobacco Products
310	310. Manufacture Of Textiles, Clothing And Leather Goods
311	311. Spinning, Weaving And Finishing Of Textiles
312	312. Manufacture Of Other Textiles

313	313. Manufacture Of Knitted And Crocheted Fabrics And Articles
314	314. Manufacture Of Wearing Apparel, Except Fur Apparel
315	315. Dressing And Dyeing Of Fur; Manufacture Of Articles Of Fur
316	316. Tanning And Dressing Of Leather; Manufacture Of Luggage, Handbag,
317	317. Manufacture Of Footwear
320	320. Manufacture Of Wood And Of Products Of Wood And Cork, Except
321	321. Sawmilling And Planing Of Wood
322	322. Manufacture Of Products Of Wood, Cork, Straw And
323	323. Manufacture Of Paper And Paper Products
324	324. Publishing
325	325. Printing And Service Activities Related To Printing
326	326. Reproduction Of Recorded Media
330	330. Manufacture Of Coke, Refined Petroleum Products And Nuclear Fuel;
331	331. Manufacture Of Coke Oven Products
332	332. Petroleum Refineries / Synthesisers
333	333. Processing Of Nuclear Fuel
334	334. Manufacture Of Basic Chemicals
335	335. Manufacture Of Other Chemical Products
336	336. Manufacture Of Manmade Fibres
337	337. Manufacture Of Rubber Products
338	338. Manufacture Of Plastic Products
340	340. Manufacture Of Other Non-Metallic Mineral Products
341	341. Manufacture Of Glass And Glass Products
342	342. Manufacture Of Non-Metallic Mineral Products N.E.C
350	350. Manufacture Of Basic Metals, Fabricated Metal Products Machinery And
351	351. Manufacture Of Basic Iron And Steel
352	352. Manufacture Of Basic Precious And Non-Ferrous Metals
353	353. Casting Of Metals
354	354. Manufacture Of Structural Metal Products, Tanks, Reservoirs And
355	355. Manufacture Of Other Fabricated Metal Products; Metalwork Service
356	356. Manufacture Of General Purpose Machinery
357	357. Manufacture Of Special Purpose Machinery
358	358. Manufacture Of Household Appliances N.E.C.
359	359. Manufacture Of Office, Accounting And Computing Machinery
360	360. Manufacture Of Electrical Machinery And Apparatus N.E.C.
361	361. Manufacture Of Electric Motors, Generators And Transformers
362	362. Manufacture Of Electricity Distribution And Control Apparatus
363	363. Manufacture Of Insulated Wire And Cable
364	364. Manufacture Of Accumulators, Primary Cells And Primary Batteries

365	365. Manufacture Of Electric Lamps And Lighting Equipment
366	366. Manufacture Of Other Electrical Equipment N.E.C.
370	370. Manufacture Of Radio, Television And Communication Equipment And
371	371. Manufacture Of Electronic Valves And Tubes And Other Electronic
372	372. Manufacture Of Television And Radio Transmitters And Apparatus For
373	373. Manufacture Of Television And Radio Receivers, Sound Or Video Recording
374	374. Manufacture Of Medical Appliances And Instruments And Appliances For
375	375. Manufacture Of Optical Instruments And Photographic Equipment
376	376. Manufacture Of Watches And Clocks
380	380. Manufacture Of Transport Equipment
381	381. Manufacture Of Motor Vehicles
382	382. Manufacture Of Bodies (Coachwork) For Motor Vehicles;
383	383. Manufacture Of Parts And Accessories For Motor
384	384. Building And Repairing Of Ships And Boats
385	385. Manufacture Of Railway And Tramway Locomotives And
386	386. Manufacture Of Aircraft And Spacecraft
387	387. Manufacture Of Transport Equipment N.E.C.
390	390. Manufacture Of Furniture; Manufacturing N.E.C.;
391	391. Manufacture Of Furniture
392	392. Manufacturing N.E.C.
395	395. Recycling N.E.C.
410	410. Electricity, Gas, Steam And Hot Water Supply
411	411. Production, Collection And Distribution Of Electricity
412	412. Manufacture Of Gas; Distribution Of Gaseous Fuels Through Mains
413	413. Steam And Hot Water Supply
420	420. Collection, Purification And Distribution Of Water
500	500. Construction
501	501. Site Preparation
502	502. Building Of Complete Constructions Or Parts Thereof; Civil Engineering
503	503. Building Installation
504	504. Building Completion
505	505. Renting Of Construction Of Demolition Equipment With Operators
610	610. Wholesale And Commission Trade, Except Of Motor Vehicles And Motor
611	611. Wholesale Trade On A Fee Or Contract Basis
612	612. Wholesale Trade In Agricultural Raw Materials, Livestock, Food,
613	613. Wholesale Trade In House-Hold Goods
614	614. Wholesale Trade In Non-Agricultural Intermediate Products, Waste
615	615. Wholesale Trade In Machinery, Equipment And Supplies
619	619. Other Wholesale Trade



620	620. Retail Trade, Except Of Motor Vehicles And Motor Cycles; Repair Of
621	621. Non-Specialised Retail Trade In Stores
622	622. Retail Trade In Food, Beverages And Tobacco In Specialised Stores
623	623. Other Retail Trade In New Goods In Specialised Stores
624	624. Retail Trade In Second-Hand Goods In Stores
625	625. Retail Trade Not In Stores
626	626. Repair Of Personal And Household Goods
630	630. Sale, Maintenance And Repair Of Motor Vehicles And Motor Cycles;
631	631. Sale Of Motor Vehicles
632	632. Maintenance And Re-Pair Of Motor Vehicles
633	633. Sale Of Motor Vehicle Parts And Accessories
634	634. Sale, Maintenance And Repair Of Motor Cycles And Related Parts And
635	635. Retail Sale Of Automotive Fuel
640	640. Hotels And Restaurants
641	641. Hotels, Camping Sites And Other Provision Of Short Stay
642	642. Restaurants, Bars And Canteens
643	643. Shebeen
710	710. Land Transport; Transport Via Pipelines
711	711. Railway Transport
712	712. Other Land Transport
713	713. Transport Via Pipelines
720	720. Water Transport
721	721. Sea And Coastal Water Transport
722	722. Inland Water Transport
730	730. Air Transport
741	741. Supporting And Auxiliary Transport Activities; Activities Of Travel
750	750. Post And Telecommunication
751	751. Postal And Related Courier Activities
752	752. Telecommunication
810	810. Financial Intermediation, Except Insurance And Pension Funding
811	811. Monetary Intermediation
818	818. Cash Loans
819	819. Other Financial Intermediation N.E.C.
821	821. Insurance And Pension Funding, Except Compulsory Social Security
830	830. Activities Auxiliary To Financial Intermediation
831	831. Activities Auxiliary To Financial Intermediation, Except Insurance And
832	832. Activities Auxiliary To Insurance And Pension Funding
840	840. Real Estate Activities
841	841. Real Estate Activities With Own Or Leased Property

842	842. Real Estate Activities On A Fee Or Contract Basis
850	850. Renting Of Machinery And Equipment, Without Operator And Of Personal
851	851. Renting Of Transport Equipment
852	852. Renting Of Other Machinery And Equipment
853	853. Renting Of Personal And Household Goods N.E.C.
860	860. Computer And Related Activities
861	861. Hardware Consultancy
862	862. Software Consultancy And Supply
863	863. Data Processing
864	864. Data Base Activities
865	865. Maintenance And Repair Of Office, Accounting And Computing
869	869. Other Computer Related Activities
870	870. Research And Development
871	871. Research And Experimental Development On Natural Sciences And
872	872. Research And Experimental Develop-Ment On Social Sciences And
880	880. Other Business Activities
881	881. Legal, Accounting, Bookkeeping And Auditing Activities;
882	882. Architectural, Engineering And Other Technical Activities
883	883. Advertising
888	888. Not applicable
889	889. Business Activities N.E.C.
910	910. Public Administration And Defence Activities
911	911. Central Government Activi-Ties
912	912. Regional Services Council Activities
913	913. Local Authority Activities
914	914. Provincial Administrations
915	915. S A Defence Force
916	916. S A Police Service
917	917. Correctional Service
920	920. Education
930	930. Health And Social Work
931	931. Human Health Activities
932	932. Veterinary Activities
933	933. Social Work Activities
940	940. Other Community, Social And Personal Service Activities
950	950. Activities Of Membership Organisations N.E.C.
951	951. Activities Of Business, Employers And Professional Organisations
952	952. Activities Of Trade Unions
959	959. Activities Of Other Member-Ship Organisations

960	960. Recreational, Cultural And Sporting Activities
961	961. Motion Picture, Radio, Television And Other Entertainment
962	962. News Agency Activities
963	963. Library, Archives, Museums And Other Cultural Activities
964	964. Sporting And Other Recreational Activities
988	988. Begging
990	990. Other Service Activities
999	999. Unspecified
8888	8888. Not applicable
9999	9999. Unspecified

## INDUSTRY2: 3 digit industry SIC code OHS96-98 +QLFS

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
10	10. Private Households With Employed Persons
20	20. Exterritorial Organisations
30	30. Representatives Of Foreign Governments
60	60. Not Elsewhere Classified
90	90. Other Activities Not Adequately Defined
110	110. Agriculture, Hunting, Forestry And Fishing
111	111. Growing Of Crops
112	112. Farming Of Animals
113	113. Growing Of Crops Combined With Farming Of Animals(Mixed Farming)
114	114. Agricultural And Animal Husbandry Services, Except Veterinary Activities
115	115. Game Hunting, Trapping And Game Propagation, Including Related Services
116	116. Production Of Organic Fertilizer
120	120. Forestry, Logging And Related Services
121	121. Forestry And Related Services
122	122. Logging And Related Services
130	130. Fishing, Operational Of Fish Hatcheries And Fish Farms
131	131. Ocean And Coastal Fishing

132	132. Fish Hatcheries And Fish Farms
210	210. Mining Of Coal And Lignite
221	221. Extraction Of Crude Petroleum And Natural Gas; Service Activities Incidental To Oil And Gas Extraction, Excluding Surveying
230	230. Mining Of Gold And Uranium Ore
240	240. Mining Of Metal Ores
241	241. Mining Of Iron Ore
242	242. Mining Of Non-Ferrous Metal Ores
250	250. Other Mining And Quarrying
251	251. Stone Quarrying, Clay And Sandpits
252	252. Mining Of Diamonds (Including Alluvial Diamonds)
253	253. Mining And Quarrying N.E.C.
290	290. Service Activities Incidental To Mining Of Minerals
300	300. Manufacture Of Food Products, Beverages And Tobacco Products
301	301. Production, Processing And Preservation Of Meat, Fish, Fruit, Vegetables, Oils And Fats
302	302. Manufacture Of Dairy Products
303	303. Manufacture Of Grain Mill Products, Starches And Starch Products And Prepared Animal Feeds
304	304. Manufacture Of Other Food Products
305	305. Manufacture Of Beverages
306	306. Manufacture Of Tobacco Products
310	310. Manufacture Of Textiles, Clothing And Leather Goods
311	311. Spinning, Weaving And Finishing Of Textiles
312	312. Manufacture Of Other Textiles
313	313. Manufacture Of Knitted And Crocheted Fabrics And Articles
314	314. Manufacture Of Wearing Apparel, Except Fur Apparel
315	315. Dressing And Dyeing Of Fur; Manufacture Of Articles Of Fur
316	316. Tanning And Dressing Of Leather; Manufacture Of Luggage, Handbag,
317	317. Manufacture Of Footwear
320	320. Manufacture Of Wood And Of Products Of Wood And Cork, Except
321	321. Sawmilling And Planing Of Wood
322	322. Manufacture Of Products Of Wood, Cork, Straw And Plaiting Material
323	323. Manufacture Of Paper And Paper Products
324	324. Publishing
325	325. Printing And Service Activities Related To Printing
326	326. Reproduction Of Recorded Media
330	330. Manufacture Of Coke, Refined Petroleum Products And Nuclear Fuel; Manufacture Of Chemicals And Chemical Products; Manufacture Of rubber And Plastic Products
331	331. Manufacture Of Coke Oven Products
332	332. Petroleum Refineries / Synthesisers
333	333. Processing Of Nuclear Fuel

334	334. Manufacture Of Basic Chemicals
335	335. Manufacture Of Other Chemical Products
336	336. Manufacture Of Manmade Fibers
337	337. Manufacture Of Rubber Products
338	338. Manufacture Of Plastic Products
340	340. Manufacture Of Other Non-Metallic Mineral Products
341	341. Manufacture Of Glass And Glass Products
342	342. Manufacture Of Non-Metallic Mineral Products N.E.C.
350	350. Manufacture Of Basic Metals, Fabricated Metal Products Machinery And Equipment And Of Office, Accounting And Computing Machinery
351	351. Manufacture Of Basic Iron And Steel
352	352. Manufacture Of Basic Precious And Non-Ferrous Metals
353	353. Casting Of Metals
354	354. Manufacture Of Structural Metal Products, Tanks, Reservoirs And Steam Generators
355	355. Manufacture Of Other Fabricated Metal Products; Metalwork Service Activities
356	356. Manufacture Of General Purpose Machinery
357	357. Manufacture Of Special Purpose Machinery
358	358. Manufacture Of Household Appliances N.E.C.
359	359. Manufacture Of Office, Accounting And Computing Machinery
360	360. Manufacture Of Electrical Machinery And Apparatus N.E.C.
361	361. Manufacture Of Electric Motors, Generators And Transformers
362	362. Manufacture Of Electricity Distribution And Control Apparatus
363	363. Manufacture Of Insulated Wire And Cable
364	364. Manufacture Of Accumulators, Primary Cells And Primary Batteries
365	365. Manufacture Of Electric Lamps And Lighting Equipment
366	366. Manufacture Of Other Electrical Equipment N.E.C.
370	370. Manufacture Of Radio, Television And Communication Equipment And Apparatus And Of Medical, Precision And Optical Instruments, Watches And Clocks
371	371. Manufacture Of Electronic Valves And Tubes And Other Electronic Components
372	372. Manufacture Of Television And Radio Transmitters And Apparatus For Line Telephony And Line Telegraphy
373	373. Manufacture Of Television And Radio Receivers, Sound Or Video Recording Or Reproducing Apparatus And Associated Goods
374	374. Manufacture Of Medical Appliances And Instruments And Appliances For Measuring, Checking, Testing, Navigating And For Other Purposes Except Optical Instruments
375	375. Manufacture Of Optical Instruments And Photographic Equipment
376	376. Manufacture Of Watches And Clocks
380	380. Manufacture Of Transport Equipment
381	381. Manufacture Of Motor Vehicles
382	382. Manufacture Of Bodies (Coachwork) For Motor Vehicles;
383	383. Manufacture Of Parts And Accessories For Motor Vehicles And Their Engines
384	384. Building And Repairing Of Ships And Boats

385	385. Manufacture Of Railway And Tramway Locomotives And Rolling Stock
386	386. Manufacture Of Aircraft And Spacecraft
387	387. Manufacture Of Transport Equipment N.E.C.
390	390. Manufacture Of Furniture; Manufacturing N.E.C.; Recycling
391	391. Manufacture Of Furniture
392	392. Manufacturing N.E.C...
395	395. Recycling N.E.C.
410	410. Electricity, Gas, Steam And Hot Water Supply
411	411. Production, Collection And Distribution Of Electricity
412	412. Manufacture Of Gas; Distribution Of Gaseous Fuels Through Mains
413	413. Steam And Hot Water Supply
420	420. Collection, Purification And Distribution Of Water
500	500. Construction
501	501. Site Preparation
502	502. Building Of Complete Constructions Or Parts Thereof; Civil Engineering
503	503. Building Installation
504	504. Building Completion
505	505. Renting Of Construction Of Demolition Equipment With Operators
610	610. Wholesale And Commission Trade, Except Of Motor Vehicles And Motor
611	611. Wholesale Trade On A Fee Or Contract Basis
612	612. Wholesale Trade In Agricultural Raw Materials, Livestock, Food, Beverages And Tobacco
613	613. Wholesale Trade In House-Hold Goods
614	614. Wholesale Trade In Non-Agricultural Intermediate Products, Waste And Scrap
615	615. Wholesale Trade In Machinery, Equipment And Supplies
619	619. Other Wholesale Trade
620	620. Retail Trade, Except Of Motor Vehicles And Motor Cycles; Repair Of Personal And Household Goods
621	621. Non-Specialised Retail Trade In Stores
622	622. Retail Trade In Food, Beverages And Tobacco In Specialised Stores
623	623. Other Retail Trade In New Goods In Specialised Stores
624	624. Retail Trade In Second-Hand Goods In Stores
625	625. Retail Trade Not In Stores
626	626. Repair Of Personal And Household Goods
630	630. Sale, Maintenance And Repair Of Motor Vehicles And Motor Cycles; Retail Trade In Automotive Fuel
631	631. Sale Of Motor Vehicles
632	632. Maintenance And Re-Pair Of Motor Vehicles
633	633. Sale Of Motor Vehicle Parts And Accessories
634	634. Sale, Maintenance And Repair Of Motor Cycles And Related Parts And Accessories
635	635. Retail Sale Of Automotive Fuel
640	640. Hotels And Restaurants

641	641. Hotels, Camping Sites And Other Provision Of Short Stay Accommodation
642	642. Restaurants, Bars And Canteens
643	643. Shebeen
710	710. Land Transport; Transport Via Pipelines
711	711. Railway Transport
712	712. Other Land Transport
713	713. Transport Via Pipelines
720	720. Water Transport
721	721. Sea And Coastal Water Transport
722	722. Inland Water Transport
730	730. Air Transport
741	741. Supporting And Auxiliary Transport Activities; Activities Of Travel Agencies
750	750. Post And Telecommunication
751	751. Postal And Related Courier Activities
752	752. Telecommunication
810	810. Financial Intermediation, Except Insurance And Pension Funding
811	811. Monetary Intermediation
818	818. Cash Loans
819	819. Other Financial Intermediation N.E.C.
821	821. Insurance And Pension Funding, Except Compulsory Social Security
830	830. Activities Auxiliary To Financial Intermediation
831	831. Activities Auxiliary To Financial Intermediation, Except Insurance And Pension Funding
832	832. Activities Auxiliary To Insurance And Pension Funding
840	840. Real Estate Activities
841	841. Real Estate Activities With Own Or Leased Property
842	842. Real Estate Activities On A Fee Or Contract Basis
850	850. Renting Of Machinery And Equipment, Without Operator And Of Personal And Household Goods
851	851. Renting Of Transport Equipment
852	852. Renting Of Other Machinery And Equipment
853	853. Renting Of Personal And Household Goods N.E.C.
860	860. Computer And Related Activities
861	861. Hardware Consultancy
862	862. Software Consultancy And Supply
863	863. Data Processing
864	864. Data Base Activities
865	865. Maintenance And Repair Of Office, Accounting And Computing Machinery
869	869. Other Computer Related Activities
870	870. Research And Development
871	871. Research And Experimental Development On Natural Sciences And Engineering

872	872. Research And Experimental Develop-Ment On Social Sciences And Humanities
880	880. Other Business Activities
881	881. Legal, Accounting, Bookkeeping And Auditing Activities; Tax Consultancy; Market Research And Public Pinion Research; Business And Management Consultancy
882	882. Architectural, Engineering And Other Technical Activities
883	883. Advertising
889	889. Business Activities N.E.C.
910	910. Public Administration And Defence Activities
911	911. Central Government Activities
912	912. Regional Services Council Activities
913	913. Local Authority Activities
914	914. Provincial Administrations
915	915. S A Defense Force
916	916. S A Police Service
917	917. Correctional Service
920	920. Education
930	930. Health And Social Work
931	931. Human Health Activities
932	932. Veterinary Activities
933	933. Social Work Activities
940	940. Other Community, Social And Personal Service Activities
950	950. Activities Of Membership Organisations N.E.C.
951	951. Activities Of Business, Employers And Professional Organisations
952	952. Activities Of Trade Unions
959	959. Activities Of Other Member-Ship Organizations
960	960. Recreational, Cultural And Sporting Activities
961	961. Motion Picture, Radio, Television And Other Entertainment Activities
962	962. News Agency Activities
963	963. Library, Archives, Museums And Other Cultural Activities
964	964. Sporting And Other Recreational Activities
988	988. Begging
990	990. Other Service Activities
999	999. Unspecified

## INDUST2DIGIT: 2 digit Industry, OHS 94+95

Data file: palmsv3.3-stata11

### Overview

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 50    Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category
1	1. Agriculture
2	2. Forestry
3	3. Fishing
4	4. Coal Mining
5	5. Petrol and Gas extraction
6	6. Gold/Uranium Mining
7	7. Other metals mining
8	8. Other Mining and Quarrying
9	9. Services incidental to mining
10	10. Food manufacturing
11	11. Clothing&Textiles manufacturing
12	12. Wood products manufacturing
13	13. Petroleum products manufacturing
14	14. Non-metallic manufacturing
15	15. Basic metals manufacturing
16	16. Electrical machinery manufacturing
17	17. Radio+TV manufacturing
18	18. Transport Equipment manufacturing
19	19. Furniture+other manufacturing
20	20. Electricity+gas supply
21	21. Water distribution+purification
22	22. Construction
23	23. Wholesale trade
24	24. Retail Trade
25	25. Sale+repair of Motor vehiles
26	26. Hotels+restaurants
27	27. Land transport
28	28. Water transport
29	29. Air transport
30	30. Supporting transport
31	31. Post+ telecoms
32	32. Financial intermediation
33	33. Insurance+pensions
34	34. Auxiliary Financial intermediation
35	35. Real estate

36	36. Rental of equipment
37	37. Computer related activities
38	38. Research+Development
39	39. Other business activities
40	40. Public administration+Defense
41	41. Education
42	42. Health+Social work
43	43. Community service
44	44. Membership organisation activities
45	45. Cultural activities
46	46. Sporting activities
47	47. Other service activities
48	48. Private households
49	49. Other activities
50	50. Unspecified

## **JOBCCCCODE: Occupation of main job, short code**

**Data file:** palmsv3.3-stata11

### **Overview**

Valid: 0    Invalid: 0

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

### **Questions and instructions**

#### CATEGORIES

<b>Value</b>	<b>Category</b>
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: 4 digit occ code OHS 96-LFS 2002:1**

**Data file:** palmsv3.3-stata11

### **Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 810 - 9999    Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category
8888	8888. Not applicable
9999	9999. Unspecified

## **OCCUPATION1: 3 digit occupation code, OHS 94+95**

**Data file:** palmsv3.3-stata11

### **Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 3    Range: 0 - 934    Format: Numeric

## **OCCUPATION2: 4 digit occ code LFS 2002:2 onwards**

**Data file:** palmsv3.3-stata11

### **Overview**

Valid: 0    Invalid: 0

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

## **JOBUNION: Member of trade union, PSLSD, OHS+LFS+QLFS 2012 onwards only**

**Data file:** palmsv3.3-stata11

### **Overview**

Valid: 0    Invalid: 0

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

### **Questions and instructions**

#### CATEGORIES

Value	Category
1	1. Yes
2	2. No
3	3. Don't know
8	8. Not applicable
9	9. Unspecified

### **PUBLICEMP: Dummy: Employed by govt/public enterprise, PSLSD,LFS+QLFS only**

Data file: palmsv3.3-stata11

#### **Overview**

Valid: 0    Invalid: 0

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

### **BUSINESSTYPE1: Type of business where person works (waves 00:1 to 01:1)**

Data file: palmsv3.3-stata11

#### **Overview**

Valid: 0    Invalid: 0

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

#### **Questions and instructions**

#### **CATEGORIES**

Value	Category
1	1. Central government
2	2. Provincial government
3	3. Local government
4	4. A government enterprise (Transnet, Telkom, etc)
5	5. A non-profit organisation (NGO, CBO, charity, embassy)
6	6. A private business or self-employed
7	7. Don't know
8	8. Not applicable
9	9. Unspecified

### **BUSINESSTYPE2: Type of business where person works (waves 01:2 to 07:2)**

Data file: palmsv3.3-stata11

**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. Central government
2	2. Provincial government
3	3. Local government
4	4. A government enterprise (Transnet, Telkom, etc.)
5	5. A club, community organisation, welfare organisation, NGO, or a church
6	6. A co-operative, self-help association, labour union, professional association
7	7. A private business or a private household
8	8. Self-employed
9	9. Don't know
88	88. Not applicable
99	99. Unspecified

**HRSLSTWK: Hours worked in total in last 7 days****Data file: palmsv3.3-stata11****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

**HHDISABLEGRANT: Household member receives a disability grant****Data file: palmsv3.3-stata11****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

## EDUCHIGH1: Highest level of Education, LFS only

Data file: palmsv3.3-stata11

### 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

## INPERSON: Is the person responding in person

Data file: palmsv3.3-stata11

### 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

## WRITTENCONTRACT: =1 if employee has written contract, LFS+QLFS

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

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

## URBRUR2: Area type, waves 23-50 (QLFS 2008:1- 2014:4)

Data file: palmsv3.3-stata11

### 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

### URBRUR3: Type of area, QLFS 2015 onwards

Data file: palmsv3.3-stata11

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

##### CATEGORIES

Value	Category
1	1. Urban
2	2. Traditional
3	3. Farms
4	4. Mining areas

### METRO: Metro

Data file: palmsv3.3-stata11

#### 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



**EDUCHIGH2: Highest level of education (waves 04:2 to 2012:2)****Data file: palmsv3.3-stata11****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. 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

**EDUCHIGH3: Highest level of education (waves 2012:3 to 2016:2)****Data file: palmsv3.3-stata11****Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Grade R/0
1	1. Sub A/Grade 1
2	2. Sub B/Grade 2
3	3. Grade 3/Standard 1
4	4. Grade 4/Standard 2
5	5. Grade 5/Standard 3
6	6. Grade 6/Standard 4
7	7. Grade 7/Standard 5
8	8. Grade 8/Standard 6/Form 1
9	9. Grade 9/Standard 7/Form 2
10	10. Grade 10/Standard 8/Form 3
11	11. Grade 11/Standard 9/Form 4
12	12. Grade 12/Standard 10/Form 5/Matric
13	13. NTC I
14	14. NTC II
15	15. NTC III
16	16. N4/NTC 4
17	17. N5 /NTC 5
18	18. N6/NTC 6
19	19. Certificate with less than Grade 12/Std 10
20	20. Diploma with less than Grade 12/Std 10
21	21. Certificate with Grade 12/Std 10
22	22. Diploma with Grade 12/Std 10
23	23. Higher Diploma
24	24. Post Higher Diploma
25	25. Bachelors Degree
26	26. Bachelors Degree and PG Diploma
27	27. Honours Degree
28	28. Higher Degree (Masters/PhD)
29	29. Other, specify

30	30. Don't know
98	98. No schooling

## EDUCHIGH4: Highest level of education (waves 2016:3 to most recent QLFS)

Data file: palmsv3.3-stata11

### Overview

Valid: 0    Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
0	0. Grade R/0
1	1. Sub A/Grade 1
2	2. Sub B/Grade 2
3	3. Grade 3/Standard 1
4	4. Grade 4/Standard 2
5	5. Grade 5/Standard 3
6	6. Grade 6/Standard 4
7	7. Grade 7/Standard 5
8	8. Grade 8/Standard 6/Form 1
9	9. Grade 9/Standard 7/Form 2
10	10. Grade 10/Standard 8/Form 3
11	11. Grade 11/Standard 9/Form 4
12	12. Grade 12/Standard 10/Form 5/Matric (No Exemption)
13	13. Grade 12/Standard 10/Form 5/Matric (Exemption/Bachelors pass)
14	14. NTC I
15	15. NTC II
16	16. NTC III
17	17. N4/NTC 4
18	18. N5 /NTC 5
19	19. N6/NTC 6
20	20. Certificate with less than Grade 12/Std 10
21	21. Diploma with less than Grade 12/Std 10
22	22. Certificate with Grade 12/Std 10
23	23. Diploma with Grade 12/Std 10
24	24. Higher Diploma

25	25. Post Higher Diploma
26	26. Bachelors Degree
27	27. Bachelors Degree and PG Diploma
28	28. Honours Degree
29	29. Higher Degree (Masters/PhD)
30	30. Other, specify
31	31. Don't know
98	98. No schooling

## EMPLOYER2: Employer (QLFS)

Data file: palmsv3.3-stata11

### 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. Working for someone else for pay
2	2. An employer (employing one or more employees)
3	3. Own account worker ( not employing any employees)
4	4. Helping without pay in a household business

## BUSINESSTYPE3: Type of business where person works (QLFS)

Data file: palmsv3.3-stata11

### Overview

Valid: 0    Invalid: 0

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

### Questions and instructions

#### CATEGORIES

Value	Category
1	1. National/provincial/local government
2	2. Government controlled business
3	3. A private enterprise

4	4. Non-profit organisation (NGO/CBO)
5	5. A private household
6	6. Do not know

## **JOBCONTRACT2: Contract is written or verbal?**

**Data file:** palmsv3.3-stata11

### **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. A written contract
2	2. A verbal agreement

## **REGISTAX: Business is registered for income tax (LFS and QLFS)**

**Data file:** palmsv3.3-stata11

### **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
3	3. Do not know

## **NUMWORKERS2: Number of employees at place of work (QLFS)**

**Data file:** palmsv3.3-stata11

### **Overview**

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	1. 0 employees
2	2. 1 employee
3	3. Between 2 and 4 employees
4	4. Between 5 and 9 employees
5	5. Between 10 and 19 employees
6	6. Between 20 and 49 employees
7	7. 50 or more employees
8	8. Do not know
88	88. Not applicable

**INFORMAL\_SECTOR\_DERIVED: DERIVED (by stats SA) variable : is job/business in formal sector, informal sect**

Data file: palmsv3.3-stata11

### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
0	0. Not applicable
1	1. Formal sector (Including agriculture)
2	2. Informal sector (Including agriculture)
4	4. Private households

**INFORMAL\_EMP\_DERIVED: DERIVED (by stats SA) variable : indiv is in informal employment (QLFS 2009:3 on**

Data file: palmsv3.3-stata11

### 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. Formal employment
2	2. Informal employment
8	8. Other

### FORMALREG1: Is the business formal, informal or private hh? 2008:1 until 2009:2

Data file: palmsv3.3-stata11

#### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Formal employment
2	2. Informal Employment
3	3. Private Household
4	4. Don't Know
8	8. Not Applicable

### UIF: Does employer deducted unemployment insurance fund contributions?

Data file: palmsv3.3-stata11

#### Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Yes
2	2. No
3	3. Don't know

**YRSEDUC: Years of education, derived variable****Data file: palmsv3.3-stata11****Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 17    Format: Numeric

**PUBLICEMP2: Public employment dummy that includes OHS, as well as PSLSD,LFS+QLFS****Data file: palmsv3.3-stata11****Overview**

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

**EARNINGS: consistent monthly earnings (rand amt) variable for PALMSv2+****Data file: palmsv3.3-stata11****Overview**

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 8    Range: 0 - 86450000    Format: Numeric

**REALEARNINGS: consistent REAL monthly earnings (rand amt) variable for PALMSv2+****Data file: palmsv3.3-stata11****Overview**

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0 - 123600832    Format: Numeric

**OUTLIER: outlier flag based on regression+showing a studentised residual  $\geq 5$** **Data file: palmsv3.3-stata11****Overview**

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

**EMPLOYERALL: Wage worker or Self-employed - all waves****Data file: palmsv3.3-stata11**



**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. wage
1	1. self employ

**PR RAND: Probability of giving actual Rand amount****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

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

**BRACKETWEIGHT: Weight to correct for bracket responses, now using Stats SA demographic model****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 17    Range: 0.805410623550415 - 60798.46875    Format: Numeric

**DC: District Council/Municipality****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 55    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. West Coast
2	2. Boland
3	3. Overberg
4	4. Eden

5	5. Central Karoo
6	6. Namakwa
7	7. Karoo
8	8. Siyanda
9	9. Frances Baard
10	10. Cacadu
12	12. Amatole
13	13. Chris Hani
14	14. Ukhahlamba
15	15. O.R.Tambo
16	16. Xhariep
17	17. Motheo
18	18. Lejweleputswa
19	19. Thabo Mofutsanyane
20	20. Northern Free State
21	21. Ugu
22	22. UMgungundlovu
23	23. Uthukela
24	24. Umzinyathi
25	25. Amajuba
26	26. Zululand
27	27. Umkhanyakude
28	28. Uthungulu
29	29. iLembe
30	30. Gert Sibande
31	31. Nkangala
32	32. Ehlanzeni
33	33. Mopani
34	34. Vhembe
35	35. Capricorn
36	36. Waterberg
37	37. Bojanala
38	38. Central
39	39. Bophirima
40	40. Southern
42	42. Sedibeng
43	43. Sisonke
44	44. Alfred Nzo
45	45. Kgalagadi

46	46. Metsweding
47	47. Sekhukhune
48	48. Bohlabela
49	49. West Rand
50	50. City of Cape Town
51	51. Ethekewini
52	52. Ekurhuleni/East Rand
53	53. City of Johannesburg
54	54. Nelson Mandela Bay
55	55. City of Tshwane/Pretoria

### ENROLLED: More detailed enrollment status variable, for LFS only

Data file: palmsv3.3-stata11

#### Overview

Valid: 0 Invalid: 0

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

#### Questions and instructions

#### CATEGORIES

Value	Category
1	1. School
2	2. University
3	3. Technikon
4	4. College
5	5. Adult basic education and training/literacy classes
6	6. Other adult education classes
7	7. Other than any of the above
8	8. None
9	9. Unspecified

### ENROLLMENT3: Enrollment status: PSLSD, OHS and LFS only

Data file: palmsv3.3-stata11

#### 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

## DWELLTYPE: Type of Dwelling of Household

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Dwelling/house or brick structure on a separate stand or yard or on farm
2	2. Traditional dwelling/hut/structure made of traditional materials
3	3. Flat or apartment in a block of flats
4	4. Town/cluster/semi-detached house (simplex, duplex or triplex)
5	5. Informal dwelling/shack in backyard
6	6. Informal dwelling/Shack not in backyard
7	7. Other (includes caravan, retirement village, room/flatlet, Dwelling/House/Flat/Room in backyard)

## WATERSOURCE: Household's source of water

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Piped (Tap) Water in dwelling

2	2. Piped (Tap) Water on site or in yard
3	3. Public tap
4	4. Water-Carrier/Tanker
5	5. Borehole on site
6	6. Borehole off site/communal
7	7. Rain-water tank on site
8	8. Flowing water/stream river
9	9. Dam/Pool/Stagnant water
10	10. Well
11	11. Spring
12	12. Other

## TOILETMAINTYPE: Household's Main toilet

Data file: palmsv3.3-stata11

### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 13 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
1	1. Flush toilet in dwelling
2	2. Flush toilet on site
3	3. Flush toilet off-site
4	4. Chemical toilet on-site
5	5. Chemical toilet off-site
6	6. Pit latrine with ventilation pipe, on site
7	7. Pit latrine with ventilation pipe, off site
8	8. Pit latrine without ventilation pipe, on-site
9	9. Pit latrine without ventilation pipe, off-site
10	10. Bucket toilet on-site
11	11. Bucket toilet off-site
12	12. Other
13	13. None

**HHPENSION: Household member receives an old age pension****Data file:** palmsv3.3-stata11**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

**HHCHILDSUPPGRANT: Household member receives a child support grant****Data file:** palmsv3.3-stata11**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

**HHCAREDEPENDGRANT: Household member receives a care dependency grant****Data file:** palmsv3.3-stata11**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

### HHFOSTERCAREGRANT: Household member receives a foster care grant

Data file: palmsv3.3-stata11

#### 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

### INCPENSION: Indiv income past year from state old age pension

Data file: palmsv3.3-stata11

#### 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. Don't know
9	9. Unspecified

### INCDISABGRNT: Indiv income past year from disability grant

Data file: palmsv3.3-stata11

#### 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. Don't know
9	9. Unspecified

## **INCTSTMAINT: Indiv income past year from state maintenance grant or child support grant**

Data file: palmsv3.3-stata11

### 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. Don't know
9	9. Unspecified

## **INCDEPGRNT: Indiv income past year from care dependency (single care) grant**

Data file: palmsv3.3-stata11

### 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. Don't know
9	9. Unspecified



**INCFOSTCRGRNT: Indiv income past year from foster care grant****Data file:** palmsv3.3-stata11**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. Don't know
9	9. Unspecified

**EMPLOYEDPREFERRED: =1 if employed and NOT a self-employed agricultural worker****Data file:** palmsv3.3-stata11**Overview**

Valid: 0    Invalid: 0

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

**UQNR: household id variable, as in original data****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Width: 18    Range: -    Format: character

**PERSONNR: Person number****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 2    Range: 0 - 85    Format: Numeric

**WAVE: Survey wave, PSLSD 1993=0, OHS 1994=1, QLFS Dec 2015=54****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 68    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. PSLSD 1993
1	1. OHS 1994
2	2. OHS 1995
3	3. OHS 1996
4	4. OHS 1997
5	5. OHS 1998
6	6. OHS 1999
7	7. LFS 00:1
8	8. LFS 00:2
9	9. LFS 01:1
10	10. LFS 01:2
11	11. LFS 02:1
12	12. LFS 02:2
13	13. LFS 03:1
14	14. LFS 03:2
15	15. LFS 04:1

16	16. LFS 04:2
17	17. LFS 05:1
18	18. LFS 05:2
19	19. LFS 06:1
20	20. LFS 06:2
21	21. LFS 07:1
22	22. LFS 07:2
23	23. QLFS 08:1
24	24. QLFS 08:2
25	25. QLFS 08:3
26	26. QLFS 08:4
27	27. QLFS 09:1
28	28. QLFS 09:2
29	29. QLFS 09:3
30	30. QLFS 09:4
31	31. QLFS 2010:1
32	32. QLFS 2010:2
33	33. QLFS 2010:3
34	34. QLFS 2010:4
35	35. QLFS 2011:1
36	36. QLFS 2011:2
37	37. QLFS 2011:3
38	38. QLFS 2011:4
39	39. QLFS 2012:1
40	40. QLFS 2012:2
41	41. QLFS 2012:3
42	42. QLFS 2012:4
43	43. QLFS 2013:1
44	44. QLFS 2013:2
45	45. QLFS 2013:3
46	46. QLFS 2013:4
47	47. QLFS 2014:1
48	48. QLFS 2014:2
49	49. QLFS 2014:3
50	50. QLFS 2014:4
51	51. QLFS 2015:1
52	52. QLFS 2015:2
53	53. QLFS 2015:3
54	54. QLFS 2015:4

55	55. QLFS 2016:1
56	56. QLFS 2016:2
57	57. QLFS 2016:3
58	58. QLFS 2016:4
59	59. QLFS 2017:1
60	60. QLFS 2017:2
61	61. QLFS 2017:3
62	62. QLFS 2017:4
63	63. QLFS 2018:1
64	64. QLFS 2018:2
65	65. QLFS 2018:3
66	66. QLFS 2018:4
67	67. QLFS 2019:1
68	68. QLFS 2019:2

### **EARNPERIOD\_WAGE: Earnings Period, employees, OHS only**

Data file: palmsv3.3incomes-stata11

#### **Overview**

Valid: 0    Invalid: 0

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

#### **Questions and instructions**

#### CATEGORIES

Value	Category
1	1. Per day
2	2. Per week
3	3. Per month
4	4. Per year

### **EARNPERIOD\_SELF: Earnings Period, self-employed, OHS only**

Data file: palmsv3.3incomes-stata11

#### **Overview**

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Per day
2	2. Per week
3	3. Per month
4	4. Per year

### EARNPERIOD: Earnings Period

Data file: palmsv3.3incomes-stata11

#### Overview

Valid: 0 Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
1	1. Per day
2	2. Per week
3	3. Per month
4	4. Per year

### JOBSALARY: Earnings in wage or self-employment, LFSs

Data file: palmsv3.3incomes-stata11

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 7 Range: 0 - 9999999 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
888888	888888. Not applicable
999999	999999. Unspecified
8888888	8888888. Not applicable
9999999	9999999. Unspecified

**JOBSALCAT: Total salary at main job: category****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. None
2	2. R 1 - R 2 400 per annum
3	3. R 2 401 - R 6 000 per annum
4	4. R 6 001 - R 12 000 per annum
5	5. R 12 001 - R 18 000 per annum
6	6. R 18 001 - R 30 000 per annum
7	7. R 30 001 - R 42 000 per annum
8	8. R 42 001 - R 54 000 per annum
9	9. R 54 001 - R 72 000 per annum
10	10. R 72 001 - R 96 000 per annum
11	11. R 96 001 - R 132 000 per annum
12	12. R 132 001 - R 192 000 per annum
13	13. R 192 001 - R 360 000 per annum
14	14. R 360 001 or more per annum
15	15. Don't know
16	16. Refuse
88	88. Not applicable
99	99. Unspecified

**WAGEEMPINCOME: Wage employment earnings in OHSs****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 6 Range: 1 - 920920 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
888888	888888. Not applicable

## WAGEEMPINCOME2: Total NET salary per month in employee main job. q3.13, OHS 94. Incl SSA imputes

Data file: palmsv3.3incomes-stata11

### Overview

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 52500 Format: Numeric

## SELFEMPINCOME1: Self employment earnings in OHSs

Data file: palmsv3.3incomes-stata11

### Overview

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 0 Width: 7 Range: 1 - 2000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
888888	888888. Not applicable

## SELFEMPINCOME2: Self-employment income q 3.19, calc PER MONTH by SSA, OHS 94. Incl imputes.

Data file: palmsv3.3incomes-stata11

### Overview

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 0 Width: 6 Range: 0 - 888888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
888888	888888. Not applicable

## IMPUTED: The original net income figure is imputed, OHS 94. See Wittenberg (2008)

Data file: palmsv3.3incomes-stata11

## Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
0	0. No
1	1. Yes

**SALARY\_IMPUTE: Est net income per month for employees, OHS 94. See Wittenberg (2008)**

Data file: palmsv3.3incomes-stata11

## Overview

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 5    Range: 0 - 52500    Format: Numeric

## Others

### NOTES

"Categorical values are converted using the means within categories, separately for different reporting periods"

**IMPUTE\_GROSS: The orig gross income from own acc figure is imputed, OHS 94. See Wittenberg (2008)**

Data file: palmsv3.3incomes-stata11

## Overview

Valid: 0    Invalid: 0

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

## Questions and instructions

### CATEGORIES

Value	Category
0	0. No
1	1. Yes

**EMP\_IMPUTE: Est gross income p/month in own acct activities, OHS 94. See Wittenberg (2008)**

Data file: palmsv3.3incomes-stata11



**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 303333    Format: Numeric

**Others**

## NOTES

"Categorical values are converted using the means within categories, separately for different reporting periods"

**DEDUC1: Was salary/pay total pay or take home pay?****Data file:** palmsv3.3incomes-stata11**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 applicable
1	1. Total salary/pay before deductions
2	2. Take home pay

**EMPSALCAT1: Total salary at main job: category, for employees, OHS 96-99****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 0 - 8888    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Missing
1	1. None
2	2. R 1 - R 2 400 per annum
3	3. R 2 401 - R 6 000 per annum
4	4. R 6 001 - R 12 000 per annum
5	5. R 12 001 - R 18 000 per annum

6	6. R 18 001 - R 30 000 per annum
7	7. R 30 001 - R 42 000 per annum
8	8. R 42 001 - R 54 000 per annum
9	9. R 54 001 - R 72 000 per annum
10	10. R 72 001 - R 96 000 per annum
11	11. R 96 001 - R 132 000 per annum
12	12. R 132 001 - R 192 000 per annum
13	13. R 192 001 - R 360 000 per annum
14	14. R 360 001 or more per annum
15	15. Don't know
8888	8888. Not applicable

## EMPSALCAT2: Total salary at main job: category, for employees, OHS 95

Data file: palmsv3.3incomes-stata11

### Overview

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 30    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
0	0. Missing/Not applicable
1	1. No income
2	2. R1 - R999
3	3. R1 000 - R1 249
4	4. R1 250 - R1 499
5	5. R1 500 - R1 999
6	6. R2 000 - R2 499
7	7. R2 500 - R2 999
8	8. R3 000 - R3 999
9	9. R4 000 - R5 999
10	10. R6 000 - R7 999
11	11. R8 000 - R9 999
12	12. R10 000 - R12 499
13	13. R12 500 - R14 999
14	14. R15 000 - R19 999
15	15. R20 000 - R24 999

16	16. R25 000 - R29 999
17	17. R30 000 - R39 999
18	18. R40 000 - R59 999
19	19. R60 000 - R79 999
20	20. R80 000 - R99 999
21	21. R100 000 - R124 999
22	22. R125 000 - R149 999
23	23. R150 000 - R199 999
24	24. R200 000 - R249 999
25	25. R250 000 - R299 999
26	26. R300 000 - R399 999
27	27. R400 000 - R499 999
28	28. R500 000 - R599 999
29	29. R600 000 and over
30	30. Unspecified

### EMPSALCAT3: Total MONTHLY NET salary at main job: category, for employees, OHS 94. As releases

Data file: palmsv3.3incomes-stata11

#### Overview

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 12    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
0	0. Not applicable
1	1. None
2	2. R1 - R99
3	3. R100 - R199
4	4. R200 - R499
5	5. R500 - R999
6	6. R1 000 - R1 999
7	7. R2 000 - R3 999
8	8. R4 000 - R7 999
9	9. R8 000 - R15 999
10	10. R16 000 - R32 999
11	11. R33 000+

12	12. Unspecified
----	-----------------

**DEDUCAMT1: Deduction amount****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 5    Range: 0 - 12000    Format: Numeric

**SELFEMPINCCAT1: Total income at main job: category, for self-employed 99 OHS****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 4    Range: 1 - 8888    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
1	1. None
2	2. R 1 - R 2 400 per annum
3	3. R 2 401 - R 6 000 per annum
4	4. R 6 001 - R 12 000 per annum
5	5. R 12 001 - R 18 000 per annum
6	6. R 18 001 - R 30 000 per annum
7	7. R 30 001 - R 42 000 per annum
8	8. R 42 001 - R 54 000 per annum
9	9. R 54 001 - R 72 000 per annum
10	10. R 72 001 - R 96 000 per annum
11	11. R 96 001 - R 132 000 per annum
12	12. R 132 001 - R 192 000 per annum
13	13. R 192 001 - R 360 000 per annum
14	14. R 360 001 or more per annum
15	15. Don't know
8888	8888. Not applicable

**SELFEMPINCCAT2: Total income at main job: category, for self-employed 96-98 OHS****Data file:** palmsv3.3incomes-stata11

**Overview**

Valid: 0 Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Missing
1	1. None
2	2. R 1 - R 2 400 per annum
3	3. R 2 401 - R 6 000 per annum
4	4. R 6 001 - R 12 000 per annum
5	5. R 12 001 - R 18 000 per annum
6	6. R 18 001 - R 30 000 per annum
7	7. R 30 001 - R 42 000 per annum
8	8. R 42 001 - R 54 000 per annum
9	9. R 54 001 - R 72 000 per annum
10	10. R 72 001 - R 96 000 per annum
11	11. R 96 001 - R 132 000 per annum
12	12. R 132 001 - R 192 000 per annum
13	13. R 192 001 - R 360 000 per annum
14	14. R 360 001-R540 000 per annum
15	15. R540 001-R720 000 per annum
16	16. R720 001 or more per annum

**SELFEMPINCCAT3: Total income at main job: category, for self-employed 95 OHS****Data file: palmsv3.3incomes-stata11****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Missing/Not applicable
1	1. No income
2	2. R1 - R999

3	3. R1 000 - R1 249
4	4. R1 250 - R1 499
5	5. R1 500 - R1 999
6	6. R2 000 - R2 499
7	7. R2 500 - R2 999
8	8. R3 000 - R3 999
9	9. R4 000 - R5 999
10	10. R6 000 - R7 999
11	11. R8 000 - R9 999
12	12. R10 000 - R12 499
13	13. R12 500 - R14 999
14	14. R15 000 - R19 999
15	15. R20 000 - R24 999
16	16. R25 000 - R29 999
17	17. R30 000 - R39 999
18	18. R40 000 - R59 999
19	19. R60 000 - R79 999
20	20. R80 000 - R99 999
21	21. R100 000 - R124 999
22	22. R125 000 - R149 999
23	23. R150 000 - R199 999
24	24. R200 000 - R249 999
25	25. R250 000 - R299 999
26	26. R300 000 - R399 999
27	27. R400 000 - R499 999
28	28. R500 000 - R599 999
29	29. R600 000 and over
30	30. Unspecified

## SELFEMPINCCAT4: Total MONTHLY income at main job: category, for self-employed 94 OHS

Data file: palmsv3.3incomes-stata11

### Overview

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 14    Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category
1	1. None
2	2. R1 - R99
3	3. R100 - R199
4	4. R200 - R499
5	5. R500 - R999
6	6. R1 000 - R1 999
7	7. R2 000 - R3 999
8	8. R4 000 - R7 999
9	9. R8 000 - R15 999
10	10. R16 000 - R31 999
11	11. R32 000- R63 999
12	12. R64 000- R127 999
13	13. R128 000+
14	14. Unspecified

### SELFEMPEXPGOODS: Expenses on goods in self-employment, OHS 96-98

Data file: palmsv3.3incomes-stata11

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 500000 Format: Numeric

### SELFEMPEXPNUM: Expenses on remuneration in self-employment, OHS 96-98

Data file: palmsv3.3incomes-stata11

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 450000 Format: Numeric

### SELFEMPEXPOTH: Other Expenses in self-employment, OHS 96-98

Data file: palmsv3.3incomes-stata11

#### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 6 Range: 0 - 500000 Format: Numeric

### SELFEMPEXPALL: Total Expenses in self-employment, OHS 94 and 95

Data file: palmsv3.3incomes-stata11

**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 5 Range: 0 - 99998 Format: Numeric

**JOBSPERIOD2: Salary time period for employees (QLFS only)**

Data file: palmsv3.3incomes-stata11

**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. Monthly
2	2. Weekly
3	3. Fortnightly (every 2 weeks)
4	4. Daily
5	5. Hourly
6	6. Annually
7	7. Refused/Don't Know
9	9. Unspecified

**TIPSCOMM: Tips or Commission (QLFS only)**

Data file: palmsv3.3incomes-stata11

**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
9	9. Unspecified



**MONTHLYJOBSALARY: Monthly salary/wage for employees (QLFS only, includes imputed values)****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 7    Range: 0 - 2253333    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
888888	888888. Not applicable

**SALARYREFUSEDONTKNOW: Employee refused or doesn't know salary amt (QLFS 2010 only)****Data file:** palmsv3.3incomes-stata11**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 applicable
1	1. Dont know
2	2. Refused

**SELFEMPPAYPERIOD2: Earnings period for self-employed(QLFS only)****Data file:** palmsv3.3incomes-stata11**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. Monthly
2	2. Weekly
3	3. Fortnightly (every 2 weeks)
4	4. Daily
5	5. Hourly
6	6. Annually
7	7. Refused/Don't Know
9	9. Unspecified

### **MONTHLYJOBEARN: Monthly earnings for self-employed (QLFS only, includes imputed values)**

Data file: palmsv3.3incomes-stata11

#### **Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 88888888 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category
88888888	88888888. Not applicable

### **EARNINGSREFUSEDONTKNOW: Self-employed refused or doesn't know earnings amt (QLFS 2010 only)**

Data file: palmsv3.3incomes-stata11

#### **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 applicable
1	1. Dont know
2	2. Refused

**EARNINGSCAT: Earnings category for wage and self-employed (QLFS only)****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

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

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. Not applicable
1	1. None
2	2. R 1 - R 2 400 per annum
3	3. R 2 401 - R 6 000 per annum
4	4. R 6 001 - R 12 000 per annum
5	5. R 12 001 - R 18 000 per annum
6	6. R 18 001 - R 30 000 per annum
7	7. R 30 001 - R 42 000 per annum
8	8. R 42 001 - R 54 000 per annum
9	9. R 54 001 - R 72 000 per annum
10	10. R 72 001 - R 96 000 per annum
11	11. R 96 001 - R 132 000 per annum
12	12. R 132 001 - R 192 000 per annum
13	13. R 192 001 - R 360 000 per annum
14	14. R 360 001-450 000 per annum
15	15. R450 001- R650 000 per annum
16	16. R650 001- R750 000 per annum
17	17. R750 001- R850 000 per annum
18	18. R850 001- R1 000 000 per annum
19	19. R1 000 001 or more per annum
20	20. Don't know
21	21. Refuse

**PSLSD\_EARNINGS:****Data file:** palmsv3.3incomes-stata11**Overview**

Valid: 0    Invalid: 0

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



**UQNR: household id variable, as in original data****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Discrete    Width: 18    Range: -    Format: character

**PERSONNR: Person number****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 2    Range: 1 - 27    Format: Numeric

**WAVE: Survey wave, PSLSD 1993=0, OHS 1994=1, QLFS Dec 2015=54****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 68    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
0	0. PSLSD 1993
1	1. OHS 1994
2	2. OHS 1995
3	3. OHS 1996
4	4. OHS 1997
5	5. OHS 1998
6	6. OHS 1999
7	7. LFS 00:1
8	8. LFS 00:2
9	9. LFS 01:1
10	10. LFS 01:2
11	11. LFS 02:1
12	12. LFS 02:2
13	13. LFS 03:1
14	14. LFS 03:2
15	15. LFS 04:1

16	16. LFS 04:2
17	17. LFS 05:1
18	18. LFS 05:2
19	19. LFS 06:1
20	20. LFS 06:2
21	21. LFS 07:1
22	22. LFS 07:2
23	23. QLFS 08:1
24	24. QLFS 08:2
25	25. QLFS 08:3
26	26. QLFS 08:4
27	27. QLFS 09:1
28	28. QLFS 09:2
29	29. QLFS 09:3
30	30. QLFS 09:4
31	31. QLFS 2010:1
32	32. QLFS 2010:2
33	33. QLFS 2010:3
34	34. QLFS 2010:4
35	35. QLFS 2011:1
36	36. QLFS 2011:2
37	37. QLFS 2011:3
38	38. QLFS 2011:4
39	39. QLFS 2012:1
40	40. QLFS 2012:2
41	41. QLFS 2012:3
42	42. QLFS 2012:4
43	43. QLFS 2013:1
44	44. QLFS 2013:2
45	45. QLFS 2013:3
46	46. QLFS 2013:4
47	47. QLFS 2014:1
48	48. QLFS 2014:2
49	49. QLFS 2014:3
50	50. QLFS 2014:4
51	51. QLFS 2015:1
52	52. QLFS 2015:2
53	53. QLFS 2015:3
54	54. QLFS 2015:4

55	55. QLFS 2016:1
56	56. QLFS 2016:2
57	57. QLFS 2016:3
58	58. QLFS 2016:4
59	59. QLFS 2017:1
60	60. QLFS 2017:2
61	61. QLFS 2017:3
62	62. QLFS 2017:4
63	63. QLFS 2018:1
64	64. QLFS 2018:2
65	65. QLFS 2018:3
66	66. QLFS 2018:4
67	67. QLFS 2019:1
68	68. QLFS 2019:2

## REALEARNINGS: Real monthly earnings, in Dec 2017 rands.

Data file: palmsv3.3miincomes-stata11

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1547212.25 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
10000001	..

## IMPUTED\_REAL\_V1:

Data file: palmsv3.3miincomes-stata11

### Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1547212.25 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V2:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V3:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V4:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..



**IMPUTED\_REAL\_V5:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V6:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V7:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V8:****Data file:** palmsv3.3miincomes-stata11

**Overview**

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1547212.25   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V9:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1547212.25   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL\_V10:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0   Invalid: 0

Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 1547212.25   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
10000001	..

**IMPUTED\_REAL:****Data file:** palmsv3.3miincomes-stata11**Overview**

Valid: 0   Invalid: 0

Type: Continuous    Decimal: 0    Width: 10    Range: 0 - 1547212.25    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
10000001	..

### IMPUTED\_NOM:

**Data file:** palmsv3.3miincomes-stata11

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

### IMPUTED\_NOM\_V1:

**Data file:** palmsv3.3miincomes-stata11

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

### IMPUTED\_NOM\_V2:

**Data file:** palmsv3.3miincomes-stata11

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

### IMPUTED\_NOM\_V3:

**Data file:** palmsv3.3miincomes-stata11

#### Overview

Valid: 0    Invalid: 0  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

### IMPUTED\_NOM\_V4:

**Data file:** palmsv3.3miincomes-stata11

**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

**IMPUTED\_NOM\_V5:****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

**IMPUTED\_NOM\_V6:****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

**IMPUTED\_NOM\_V7:****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

**IMPUTED\_NOM\_V8:****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

**IMPUTED\_NOM\_V9:****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

**IMPUTED\_NOM\_V10:****Data file: palmsv3.3miincomes-stata11****Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1570500    Format: Numeric

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# Download related resources

## Technical documents

### A Guide to version 3.3 of the Post-Apartheid Labour Market Series

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Title	A Guide to version 3.3 of the Post-Apartheid Labour Market Series
Author(s)	Kerr, Andrew
Date	2019
Country	South Africa
Language	English
Publisher(s)	DataFirst
Description	This document describes the PALMS version 3.3 (1994-2019). It replaces the original guide for version 3.3, and provides information on an error in version 3.2 which was corrected in version v3.3.
Filename	palms-v3.3-1993-2019-guide-v3.pdf

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## Other materials

### palms-v3.3-do-csv.zip

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Title	palms-v3.3-do-csv.zip
Author(s)	Kerr, Andrew
Date	2019
Country	South Africa
Language	English
Publisher(s)	DataFirst
Description	This is a zipped folder containing the syntax files for PALMS 1993-2019 (version 3.3)
Filename	palms-v3.3-do-csv.zip

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