

# South Africa - Post Apartheid Labour Market Series 1993-2025

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## Identification

### SURVEY ID NUMBER

zaf-df-palms-1993-2025-v4

### TITLE

Post Apartheid Labour Market Series 1993-2025

### ABBREVIATION OR ACRONYM

PALMS 1993-2025

### COUNTRY

Name	Country code
South Africa	zaf

### STUDY TYPE

Labour Force Survey

### ABSTRACT

The Post-Apartheid Labour Market Series (PALMS) is a stacked cross sectional dataset created by DataFirst at the University of Cape Town. The latest (v4) PALMS dataset consists of microdata from 92 household surveys conducted by Statistics South Africa between 1994 and 2025, 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 2008-2025. 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 rotating panel element to parts of the LFS and as well as the QLFS.

There are currently 120 variables in the main data file and nearly 7.5 million observations, including 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 for some waves where these were asked. Not all variables from the data from all surveys are included. The surveys are regarded as one of the more reliable sources of labour market data, including earnings. However they generally contain little other income information, except for some incomplete attempts at capturing government grants. The PSLSD and OHSs were more omprehensive but the other forms of income data collected in these surveys have not been included in PALMS. One of the key pieces of value added in PALMS is the creation of a consistent earnings variable over all waves that collected earnings.

### KIND OF DATA

Survey data

### UNIT OF ANALYSIS

Households and individuals

## Version

### VERSION DESCRIPTION

v4: Edited, anonymised dataset for public distribution

### VERSION DATE

2025-11-20

### VERSION NOTES

The current version of the Post Apartheid Labour Market Series (PALMS) is version 4 covering 1993-2025

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 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.

## Scope

### NOTES

The dataset includes data on the South African labour market. Some household variables, such as dwelling type and access to services, as well as access to government social grants, are included from the survey rounds where this data was collected.

### 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	University of Cape Town
David Lam	University of Michigan

Martin Wittenberg	University of Cape Town
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## OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Role
Statistics South Africa	Producer of original datasets used to create the PALMS dataset

## Sampling

## WEIGHTING

The PALMS weights are discussed in the Guide to version 4 of the Post-Apartheid Labour Market Series by Andrew Kerr and Martin Wittenberg

## Data Collection

## DATES OF DATA COLLECTION

Start	End
1993	2025

## DATA COLLECTION MODE

Other

## SUPERVISION

The source data for PALMS is anonymised publicly available data from UCT and Statistics South Africa

## DATA COLLECTION NOTES

The dataset consists of microdata from the 1993 Project for Statistics on Living Standards and Development conducted by SALDRU at UCT, and 92 household surveys conducted by Statistics South Africa. The Statistics South Africa data includes data from the October Household Surveys 1994-1999, the bi-annual Labour Force Surveys 2000-2007 (including the smaller LFS pilot survey from February 2000) and the Quarterly Labour Force Surveys 2008-2025.

## 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 1993-2025 [dataset]. Version 4. Cape Town: DataFirst [producer and distributor], 2025. 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

## PRODUCERS

<b>Name</b>	<b>Affiliation</b>	<b>Role</b>
DataFirst	University of Cape Town	Metadata Producer

DATE OF METADATA PRODUCTION  
2025-11-24

DDI DOCUMENT VERSION  
Version 8

**Data Description**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>palmsv4</b>	7447560	120
<b>palmsv4incomes</b>	2333439	30
<b>palmsv4miincomes</b>	574202	26



**Data file: palmsv4**

Cases:	7447560
Variables:	120

**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	datafirst cross entropy weight: ssa 2024 mype + assa	
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	yrseeduc	years of education, derived variable	
V17	educhigh0	highest education level, ohss only	
V18	educhigh1	highest level of education, lfs only	
V19	educhigh2	highest level of education (waves 04:2 to 2012:2)	
V20	educhigh3	highest level of education (waves 2012:3 to 2016:2)	
V21	educhigh4	highest level of education (waves 2016:3 to most recent qlfs)	
V22	educ_insti_lfs	educational institution, lfs only	
V23	empstat1	employment status, official	
V24	empstat2	employment status, expanded	
V25	employer	who does ... work for in main job (lfs only)	
V26	employer1	who does individual work for? (pslsd+ohs only)	
V27	employer2	employer (qlfs)	
V28	numworkers	number of regular workers at job, lfs	
V29	numworkers2	number of employees at place of work (qlfs)	
V30	jobstartyear	year started working for employer, ohs 95 onwards	
V31	jobstartmonth	month started working for employer, ohs 95 onwards	
V32	writtencontract	=1 if employee has written contract, lfs+qlfs	
V33	selfformalreg	individual considers the business they operate formal (ohs only)	
V34	selfvatreg	business operated by the individual is registered for vat (ohs only)	
V35	selfpaidemp	number of paid employees in own enterprise (ohs only)	
V36	selfunpaidemp	number of unpaid employees in own enterprise (ohs only)	
V37	wageformalreg	employee considers the enterprise they work for formal (ohs only)	
V38	formalreg0	lfs variable for wage/self/domestic: business is formal, registered	

ID	Name	Label	Question
V39	formalreg1	is the business formal, informal or private hh? 2008:1 until 2009:2	
V40	informal_emp_derived	derived (by stats sa) variable : indiv is in informal employment (qlfs 2009:3 on	
V41	informal_sector_derived	derived (by stats sa) variable : is job/business in formal sector, informal sect	
V42	regisvat	business registered for vat, all in lfs, only self-emp in qlfs	
V43	jobindcode	industry of employment, short code	
V44	industry	3 digit industry sic code, ohs 99+lfs	
V45	industry2	3 digit industry sic code ohs96-98 +qlfs	
V46	indust2digit	2 digit industry, ohs 94+95	
V47	jobocccode	occupation of main job, short code	
V48	occupation	4 digit occ code ohs 96-lfs 2002:1	
V49	occupation1	3 digit occupation code, ohs 94+95	
V50	occupation2	4 digit occ code lfs 2002:2 onwards	
V51	jobunion	member of trade union, pslsd, ohs+lfs+qlfs 2012 onwards only	
V52	publicemp	dummy: employed by govt/public enterprise, pslsd,lfs+qlfs only	
V53	businesstype1	type of business where person works (waves 00:1 to 01:1)	
V54	businesstype2	type of business where person works (waves 01:2 to 07:2)	
V55	businesstype3	type of business where person works (qlfs)	
V56	hrs1stwk	hours worked in total in last 7 days	
V57	jobcontract2	contract is written or verbal?	
V58	uif	does employer deducted unemployment insurance fund contributions?	
V59	jobsat	satisfied with current job?	
V60	jobpermanent	job is permanent or limited duration (lfs only)	
V61	supoddjobs	supported by odd jobs for last 7 days? (lfs+qlfs)	
V62	suphhpersons	supported by persons in the household? (lfs+qlfs)	
V63	supothpersons	supported by persons not in the household? (lfs+qlfs)	
V64	supcharity	supported by charity, church, welfare? (lfs+qlfs)	
V65	supuif	supported by unemployment insurance fund (uif)? (lfs+qlfs)	
V66	supsavings	supported by savings or money previously earned? (lfs+qlfs)	
V67	suppension	supported by old age or disability pension? (lfs+qlfs)	
V68	supother	other sources of support, e.g. bursary, study loan? (lfs+qlfs)	
V69	hhdisablegrant	household member receives a disability grant	
V70	searchlength	period trying to find work or start a business (consistent coding for all waves)	
V71	everworked	ever worked before? (lfs+qlfs)	
V72	whenlastjob	time since you last worked (lfs)	
V73	indusprev_lfs	industry of previous job, 3 digit code (lfs)	
V74	indprev_qlfs	previous industry in qlfs, 3 digit code	
V75	previndcode	industry of previous job, 1 digit code (lfs and qlfs)	
V76	jobpermanent2	job is permanent or limited duration (qlfs only)	
V77	reasonstopwork	main reason you stopped work	
V78	searchlengthqlfs	how long have you been searching? (qlfs)	
V79	whenlastjob_qlfs	time since you last worked (qlfs)	
V80	supothgrant	supported by other grant? (qlfs only)	
V81	supcsg	supported by child support grant? (qlfs only)	
V82	registax	business is registered for income tax (lfs and qlfs)	
V83	hoursmonday	hours worked on monday (qlfs)	

ID	Name	Label	Question
V84	hourstuesday	hours worked on tuesday (qlfs)	
V85	hourswednesday	hours worked on wednesday (qlfs)	
V86	hoursthursday	hours worked on thursday (qlfs)	
V87	hoursfriday	hours worked on friday (qlfs)	
V88	hourssaturday	hours worked on saturday (qlfs)	
V89	hourssunday	hours worked on sunday (qlfs)	
V90	prevocccode	occupation of previous job, 1 digit code (lfs and qlfs)	
V91	educ_insti_qlfs	educational institution, qlfs 2012:3 onwards only	
V92	urbrur4	type of area, qlfs 2017:3 onwards	
V93	publicemp2	public employment dummy that includes ohs, as well as pslsd,lfs+qlfs	
V94	earnings	consistent monthly earnings (rand amt) variable for palmsv2+	
V95	realearnings	consistent real monthly earnings (rand amt) variable for palmsv2+	
V96	outlier	outlier flag based on regression+showing a studentised residual >=5	
V97	employerall	wage worker or self-employed - all waves	
V98	bracketweight	weight corrects for bracket earnings resp, using statssa mype+ back projections	
V99	dc	district council/municipality	
V100	enrollment3	enrollment status: pslsd, ohs and lfs only	
V101	dwelltype	type of dwelling of household	
V102	watersource	household's source of water	
V103	toiletmaintype	household's main toilet	
V104	hhpension	household member receives an old age pension	
V105	hhchildsuppgrant	household member receives a child support grant	
V106	hhcaredependgrant	household member receives a care dependency grant	
V107	hhfostercaregrant	household member receives a foster care grant	
V108	incpension	indiv income past year from state old age pension	
V109	incdisabgrnt	indiv income past year from disability grant	
V110	inctstmaint	indiv income past year from state maintenance grant or child support grant	
V111	incdeprgnt	indiv income past year from care dependency (single care) grant	
V112	incfostcrgrnt	indiv income past year from foster care grant	
V113	enrolledqlfs	enrolled in educational institution? qlfs 2012:3 onwards only	
V114	occupation_prev	occupation of previous job, 4 digit code, lfs 2000:1 to 2002:1	
V115	occupation_prev2	occupation of previous job, 4 digit code, lfs 2002:2 onwards	
V116	employedpreferred	=1 if employed and not a self-employed agricultural worker	
V117	metro	metro	
V118	urbrur2	area type, waves 23-50 (qlfs 2008:1- 2014:4)	
V119	urbrur3	type of area, qlfs 2015 -qlfs 2017:2	
V120	inperson	person is responding themselves	

Total: 120

**Data file: palmsv4incomes**

Cases: 2333439

Variables: 30

**Variables**

ID	Name	Label	Question
V121	uqnr	household id variable, as in original data	
V122	personnr	person number	
V123	wave	survey wave, pslsd 1993=0, ohs 1994=1, qlfs dec 2015=54	
V124	earnperiod	earnings period	
V125	earnperiod_wage	earnings period, employees, ohs only	
V126	earnperiod_self	earnings period, self-employed, ohs only	
V127	jobsalary	earnings in wage or self-employment, lfss	
V128	jobsalcat	total salary at main job: category	
V129	wageempincome	wage employment earnings in ohss	
V130	wageempincome2	total net salary per month in employee main job. q3.13, ohs 94. incl ssa imputes	
V131	empsalcat1	total salary at main job: category, for employees, ohs 96-99	
V132	empsalcat2	total salary at main job: category, for employees, ohs 95	
V133	empsalcat3	total monthly net salary at main job: category, for employees, ohs 94. as releas	
V134	selfempincome1	self employment earnings in ohss	
V135	selfempincome2	self-employment income q 3.19, calc per month by ssa, ohs 94. incl imputes.	
V136	imputed	the original net income figure is imputed, ohs 94. see wittenberg (2008)	
V137	salary_impute	est net income per month for employees, ohs 94. see wittenberg (2008)	
V138	impute_gross	the orig gross income from own acc figure is imputed, ohs 94. see wittenberg (20	
V139	emp_impute	est gross income p/month in own acct activities, ohs 94. see wittenberg (2008)	
V140	deduc1	was salary/pay total pay or take home pay?	
V141	deducamt1	deduction amount	
V142	selfempinccat1	total income at main job: category, for self-employed 99 ohs	
V143	selfempinccat2	total income at main job: category, for self-employed 96-98 ohs	
V144	selfempinccat3	total income at main job: category, for self-employed 95 ohs	
V145	selfempinccat4	total monthly income at main job: category, for self-employed 94 ohs	
V146	selfempexpgoods	expenses on goods in self-employment, ohs 96-98	
V147	selfempexprenum	expenses on remuneration in self-employment, ohs 96-98	
V148	selfempexpoth	other expenses in self-employment, ohs 96-98	
V149	selfempexpall	total expenses in self-employment, ohs 94 and 95	
V150	pslsd_earnings		

Total: 30

**Data file: palmsv4miincomes**

Cases: 574202

Variables: 26

**Variables**

ID	Name	Label	Question
V151	uqnr	household id variable, as in original data	
V152	personnr	person number	
V153	wave	survey wave, pslsd 1993=0, ohs 1994=1, qlfs dec 2015=54	
V154	realearnings	real monthly earnings, in dec 2023 rands.	
V155	imputed_real_v1		
V156	imputed_real_v2		
V157	imputed_real_v3		
V158	imputed_real_v4		
V159	imputed_real_v5		
V160	imputed_real_v6		
V161	imputed_real_v7		
V162	imputed_real_v8		
V163	imputed_real_v9		
V164	imputed_real_v10		
V165	imputed_real		
V166	imputed_nom		
V167	imputed_nom_v1		
V168	imputed_nom_v2		
V169	imputed_nom_v3		
V170	imputed_nom_v4		
V171	imputed_nom_v5		
V172	imputed_nom_v6		
V173	imputed_nom_v7		
V174	imputed_nom_v8		
V175	imputed_nom_v9		
V176	imputed_nom_v10		

Total: 26



**UQNR: household id variable, as in original data****Data file:** palmsv4**Overview**

Valid: 7447560 Invalid: 0  
 Type: Discrete Width: 18 Range: - Format: character

---

**HWEIGHT: stats sa household weight****Data file:** palmsv4**Overview**

Valid: 1372187 Invalid: 6075373 Minimum: 0.0545 Maximum: 21533.18 Mean: 410.208 Standard deviation: 292.856  
 Type: Continuous Decimal: 2 Width: 8 Range: 0.054490000095367 - 21533.18 Format: Numeric

---

**PERSONNR: person number****Data file:** palmsv4**Overview**

Valid: 7447560 Invalid: 0 Minimum: 0 Maximum: 85 Mean: 3.151 Standard deviation: 2.288  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 85 Format: Numeric

---

**YEAR: survey year****Data file:** palmsv4**Overview**

Valid: 7447560 Invalid: 0 Minimum: 1993 Maximum: 2025 Mean: 2011.068 Standard deviation: 8.097  
 Type: Continuous Decimal: 0 Width: 4 Range: 1993 - 2025 Format: Numeric

---

**WAVE: survey wave, pslsd 1993=0, ohs 1994=1, qlfs dec 2015=54****Data file:** palmsv4**Overview**

Valid: 7447560 Invalid: 0 Minimum: 0 Maximum: 92  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 92 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. pslsd 1993	40144	0.5%
1	1. ohs 1994	132469	1.8%

2	2. ohs 1995	130787	1.8%
3	3. ohs 1996	72890	1%
4	4. ohs 1997	140015	1.9%
5	5. ohs 1998	82253	1.1%
6	6. ohs 1999	106650	1.4%
7	7. lfs 00:1	38529	0.5%
8	8. lfs 00:2	105370	1.4%
9	9. lfs 01:1	107726	1.4%
10	10. lfs 01:2	106439	1.4%
11	11. lfs 02:1	109410	1.5%
12	12. lfs 02:2	102480	1.4%
13	13. lfs 03:1	100834	1.4%
14	14. lfs 03:2	98767	1.3%
15	15. lfs 04:1	98256	1.3%
16	16. lfs 04:2	109888	1.5%
17	17. lfs 05:1	110671	1.5%
18	18. lfs 05:2	109079	1.5%
19	19. lfs 06:1	108345	1.5%
20	20. lfs 06:2	106900	1.4%
21	21. lfs 07:1	109551	1.5%
22	22. lfs 07:2	105986	1.4%
23	23. qlfs 08:1	95186	1.3%
24	24. qlfs 08:2	93945	1.3%
25	25. qlfs 08:3	93725	1.3%
26	26. qlfs 08:4	93062	1.2%
27	27. qlfs 09:1	92777	1.2%
28	28. qlfs 09:2	90783	1.2%
29	29. qlfs 09:3	88252	1.2%
30	30. qlfs 09:4	87653	1.2%
31	31. qlfs 2010:1	87871	1.2%
32	32. qlfs 2010:2	86618	1.2%
33	33. qlfs 2010:3	84620	1.1%
34	34. qlfs 2010:4	83357	1.1%
35	35. qlfs 2011:1	82572	1.1%
36	36. qlfs 2011:2	82137	1.1%
37	37. qlfs 2011:3	84277	1.1%
38	38. qlfs 2011:4	84953	1.1%
39	39. qlfs 2012:1	84255	1.1%
40	40. qlfs 2012:2	84731	1.1%

41	41. qlfs 2012:3	85760	1.2%
42	42. qlfs 2012:4	85112	1.1%
43	43. qlfs 2013:1	85192	1.1%
44	44. qlfs 2013:2	86915	1.2%
45	45. qlfs 2013:3	87057	1.2%
46	46. qlfs 2013:4	87523	1.2%
47	47. qlfs 2014:1	86998	1.2%
48	48. qlfs 2014:2	84746	1.1%
49	49. qlfs 2014:3	85302	1.1%
50	50. qlfs 2014:4	84274	1.1%
51	51. qlfs 2015:1	72561	1%
52	52. qlfs 2015:2	72007	1%
53	53. qlfs 2015:3	71869	1%
54	54. qlfs 2015:4	70345	0.9%
55	55. qlfs 2016:1	69012	0.9%
56	56. qlfs 2016:2	67654	0.9%
57	57. qlfs 2016:3	69409	0.9%
58	58. qlfs 2016:4	69231	0.9%
59	59. qlfs 2017:1	69353	0.9%
60	60. qlfs 2017:2	69913	0.9%
61	61. qlfs 2017:3	69259	0.9%
62	62. qlfs 2017:4	68351	0.9%
63	63. qlfs 2018:1	68974	0.9%
64	64. qlfs 2018:2	69082	0.9%
65	65. qlfs 2018:3	68989	0.9%
66	66. qlfs 2018:4	68337	0.9%
67	67. qlfs 2019:1	67480	0.9%
68	68. qlfs 2019:2	67626	0.9%
69	69. qlfs 2019:3	67975	0.9%
70	70. qlfs 2019:4	67277	0.9%
71	71. qlfs 2020:1	66657	0.9%
72	72. qlfs 2020:2	47103	0.6%
73	73. qlfs 2020:3	47167	0.6%
74	74. qlfs 2020:4	48990	0.7%
75	75. qlfs 2021:1	45702	0.6%
76	76. qlfs 2021:2	53940	0.7%
77	77. qlfs 2021:3	43837	0.6%
78	78. qlfs 2021:4	39073	0.5%
79	79. qlfs 2022:1	49808	0.7%

80	80. qlfs 2022:2	57244	0.8%
81	81. qlfs 2022:3	62765	0.8%
82	82. qlfs 2022:4	65116	0.9%
83	83. qlfs 2023:1	65327	0.9%
84	84. qlfs 2023:2	66628	0.9%
85	85. qlfs 2023:3	66054	0.9%
86	86. qlfs 2023:4	66486	0.9%
87	87. qlfs 2024:1	66879	0.9%
88	88. qlfs 2024:2	66546	0.9%
89	89. qlfs 2024:3	66405	0.9%
90	90. qlfs 2024:4	66165	0.9%
91	91. qlfs 2025:1	66429	0.9%
92	92. qlfs 2025:2	65443	0.9%

### EA: primary sampling unit number

Data file: palmsv4

#### Overview

Valid: 7447560 Invalid: 0 Minimum: 1 Maximum: 984860250 Mean: 59916621.321 Standard deviation: 96107333.03  
 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: palmsv4

#### Overview

Valid: 7447560 Invalid: 0 Minimum: 1 Maximum: 23306 Mean: 9155.825 Standard deviation: 7597.323  
 Type: Continuous Decimal: 0 Width: 5 Range: 1 - 23306 Format: Numeric

### PROVINCE: province

Data file: palmsv4

#### Overview

Valid: 7447560 Invalid: 0 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases
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1	1. western cape	768326	10.3%
2	2. eastern cape	997316	13.4%
3	3. northern cape	366077	4.9%
4	4. free state	550364	7.4%
5	5. kwazulu-natal	1414195	19%
6	6. north west	576072	7.7%
7	7. gauteng	1212043	16.3%
8	8. mpumalanga	673211	9%
9	9. limpopo (northern province)	889956	11.9%

### PWEIGHT: original stats sa/pslsd person weight

Data file: palmsv4

#### Overview

Valid: 7447558 Invalid: 2 Minimum: 0.0743 Maximum: 53717.976 Mean: 658.249 Standard deviation: 499.623

Type: Continuous Decimal: 2 Width: 8 Range: 0.074289999022484 - 53717.9756 Format: Numeric

### CEWEIGHT1: datafirst cross entropy weight: ssa 2024 mype + assa

Data file: palmsv4

#### Overview

Valid: 7447560 Invalid: 0 Minimum: 0 Maximum: 34331.152 Mean: 667.653 Standard deviation: 513.024

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 34331.15234375 Format: Numeric

### URBRUR: area type, waves 0-15 (Ifs 2004:1)

Data file: palmsv4

#### Overview

Valid: 1573019 Invalid: 5874541 Minimum: 1 Maximum: 2

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. urban	831900	52.9%
2	2. non-urban (rural)	741119	47.1%
Sysmiss		5874541	

**POPGROUP: population group****Data file: palmsv4****Overview**

Valid: 7446452 Invalid: 1108 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. african/black	5992979	80.5%
2	2. coloured	796135	10.7%
3	3. indian/asian	159859	2.1%
4	4. white	496658	6.7%
5	5. other	821	0%
9	9. unspecified	0	0%
Sysmiss		1108	

**GENDER: gender (1=male 2=female)****Data file: palmsv4****Overview**

Valid: 7447059 Invalid: 501 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. male	3506169	47.1%
2	2. female	3940890	52.9%
9	9. unspecified	0	0%
Sysmiss		501	

**AGE: age****Data file: palmsv4****Overview**

Valid: 7445265 Invalid: 2295 Minimum: 0 Maximum: 142  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		125899	1.7%
1		141945	1.9%
2		149805	2%
3		152469	2%
4		154422	2.1%
5		154813	2.1%
6		155336	2.1%
7		157725	2.1%
8		157917	2.1%
9		159577	2.1%
10		164441	2.2%
11		160072	2.1%
12		164196	2.2%
13		164561	2.2%
14		166834	2.2%
15		154766	2.1%
16		157393	2.1%
17		153983	2.1%
18		154491	2.1%
19		141826	1.9%
20		140271	1.9%
21		136253	1.8%
22		130786	1.8%
23		126978	1.7%
24		122687	1.6%
25		123223	1.7%
26		116765	1.6%
27		115462	1.6%
28		113408	1.5%
29		109457	1.5%
30		114429	1.5%
31		103147	1.4%
32		108513	1.5%
33		100095	1.3%
34		100464	1.3%

35		100715	1.4%
36		97180	1.3%
37		92751	1.2%
38		95226	1.3%
39		91108	1.2%
40		94382	1.3%
41		82920	1.1%
42		88562	1.2%
43		82255	1.1%
44		78388	1.1%
45		80974	1.1%
46		75194	1%
47		73381	1%
48		73139	1%
49		71153	1%
50		72590	1%
51		64750	0.9%
52		65673	0.9%
53		62797	0.8%
54		61519	0.8%
55		59044	0.8%
56		56025	0.8%
57		53383	0.7%
58		52515	0.7%
59		51509	0.7%
60		53345	0.7%
61		46272	0.6%
62		46367	0.6%
63		43953	0.6%
64		42672	0.6%
65		43251	0.6%
66		36700	0.5%
67		36098	0.5%
68		33716	0.5%
69		31660	0.4%
70		31481	0.4%
71		27013	0.4%
72		25967	0.3%
73		23251	0.3%

74		21910	0.3%
75		20345	0.3%
76		17662	0.2%
77		15895	0.2%
78		15229	0.2%
79		13143	0.2%
80		12464	0.2%
81		10493	0.1%
82		9704	0.1%
83		8424	0.1%
84		7627	0.1%
85		6501	0.1%
86		5352	0.1%
87		4713	0.1%
88		4021	0.1%
89		3642	0%
90		3073	0%
91		2264	0%
92		1916	0%
93		1555	0%
94		1297	0%
95		978	0%
96		824	0%
97		625	0%
98		548	0%
99		483	0%
100		325	0%
101		201	0%
102		165	0%
103		146	0%
104		95	0%
105		93	0%
106		70	0%
107		42	0%
108		32	0%
109		17	0%
110		41	0%
111		15	0%
112		12	0%

113		7	0%
114		2	0%
115		4	0%
116		3	0%
117		1	0%
118		7	0%
119		6	0%
120		1	0%
122		1	0%
126		1	0%
129		1	0%
142		1	0%
999	999. unspecified	0	0%
Sysmiss		2295	

## MARSTAT: marital status (consistent coding for all waves)

Data file: palmsv4

### Overview

Valid: 7446716 Invalid: 844 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. married or living together as husband and wife	1866583	25.1%
2	2. widow/widower	401410	5.4%
3	3. divorced or separated	146946	2%
4	4. never married	5031328	67.6%
9	9. unspecified	449	0%
Sysmiss		844	

## YRSEDUC: years of education, derived variable

Data file: palmsv4

### Overview

Valid: 7397231 Invalid: 50329 Minimum: 0 Maximum: 17 Mean: 6.8 Standard deviation: 4.729  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 17 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1514585	20.5%
1		196728	2.7%
2		252251	3.4%
3		263502	3.6%
4		311482	4.2%
5		309575	4.2%
6		356064	4.8%
7		447209	6%
8		495890	6.7%
9		461874	6.2%
10		611418	8.3%
11		604923	8.2%
12		1119455	15.1%
13		172597	2.3%
14		90121	1.2%
15		132875	1.8%
16		41242	0.6%
17		15440	0.2%
Sysmiss		50329	

### EDUCHIGH0: highest education level, ohss only

Data file: palmsv4

#### Overview

Valid: 661405 Invalid: 6786155 Minimum: 0 Maximum: 26  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 26 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. no schooling	160813	24.3%
1	1. grade 0	4161	0.6%
2	2. grade 1	10232	1.5%
3	3. grade 2	12248	1.9%

4	4. grade 3	19655	3%
5	5. grade 1/grade 2/grade 3 (ohs 94-95)	29452	4.5%
6	6. grade 4	36101	5.5%
7	7. grade 5	35317	5.3%
8	8. grade 6	39256	5.9%
9	9. grade 7	45892	6.9%
10	10. grade 8	52803	8%
11	11. grade 9	37862	5.7%
12	12. grade 10	12100	1.8%
13	13. grade 11	8649	1.3%
14	14. grade 12	17704	2.7%
15	15. grade 10/ntc i	36499	5.5%
16	16. grade 11/ntc ii	24037	3.6%
17	17. grade 12/ntc iii	47974	7.3%
18	18. ntc i	219	0%
19	19. ntc ii	166	0%
20	20. ntc iii	432	0.1%
21	21. certificate or diploma with less than grade 12	3135	0.5%
22	22. certificate or diploma with grade 12	17194	2.6%
23	23. undergraduate degree	3186	0.5%
24	24. post-graduate degree	949	0.1%
25	25. degree (undergrad or postgrad)	4900	0.7%
26	26. other	469	0.1%
Sysmiss		6786155	

## EDUCHIGH1: highest level of education, lfs only

Data file: palmsv4

### Overview

Valid: 1628231 Invalid: 5819329 Minimum: 0 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. no schooling	312757	19.2%
1	1. grade r/0	50846	3.1%
2	2. sub a/grade 1	51000	3.1%

3	3. sub b/grade 2	55902	3.4%
4	4. grade 3/standard 1	71475	4.4%
5	5. grade 4/standard 2	79567	4.9%
6	6. grade 5/standard 3	82367	5.1%
7	7. grade 6/standard 4	94099	5.8%
8	8. grade 7/standard 5	114278	7%
9	9. grade 8/standard 6/form 1	121704	7.5%
10	10. grade 9/standard 7/form 2	104307	6.4%
11	11. grade 10/standard 8/form 3	116821	7.2%
12	12. grade 11/standard 9/form 4	91473	5.6%
13	13. grade 12/standard 10/form 5/matric	190484	11.7%
14	14. ntc i	1399	0.1%
15	15. ntc ii	1171	0.1%
16	16. ntc iii	3894	0.2%
17	17. diploma/certificate with less than grade 12/std 10	7430	0.5%
18	18. diploma/certificate with grade 12/std 10	44414	2.7%
19	19. degree	18886	1.2%
20	20. postgraduate degree or diploma	6498	0.4%
21	21. other	1359	0.1%
22	22. don't know	5128	0.3%
99	99. unspecified	972	0.1%
Sysmiss		5819329	

## EDUCHIGH2: highest level of education (waves 04:2 to 2012:2)

Data file: palmsv4

### Overview

Valid: 1580774 Invalid: 5866786 Minimum: 0 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. no schooling	298655	18.9%
1	1. grade r/0	39835	2.5%
2	2. grade 1/sub a	41998	2.7%
3	3. grade 2/sub b	46962	3%
4	4. grade 3/standard 1	58139	3.7%

5	5. grade 4/standard 2	64845	4.1%
6	6. grade 5/standard 3	65529	4.1%
7	7. grade 6/standard 4	76768	4.9%
8	8. grade 7/standard 5	96785	6.1%
9	9. grade 8/standard 6/form 1	106442	6.7%
10	10. grade 9/standard 7/form 2	104407	6.6%
11	11. grade 10/standard 8/form 3	127560	8.1%
12	12. grade 11/standard 9/form 4	117131	7.4%
13	13. grade 12/standard 10/form 5/matric	221543	14%
14	14. ntc i	671	0%
15	15. ntc ii	959	0.1%
16	16. ntc iii	3160	0.2%
17	17. certificate with less than grade 12/std 10	3216	0.2%
18	18. diploma with less than grade 12/std 10	2672	0.2%
19	19. certificate with grade 12/std 10	18476	1.2%
20	20. diploma with grade 12/std 10	41772	2.6%
21	21. bachelors degree	17524	1.1%
22	22. bachelors degree and diploma	4510	0.3%
23	23. honours degree	5629	0.4%
24	24. higher degree (masters, doctorate)	4283	0.3%
25	25. other	5242	0.3%
26	26. do not know	6058	0.4%
99		3	0%
Sysmiss		5866786	

### EDUCHIGH3: highest level of education (waves 2012:3 to 2016:2)

Data file: palmsv4

#### Overview

Valid: 1282327 Invalid: 6165233 Minimum: 0 Maximum: 98  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 98 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. grade r/0	30161	2.4%
1	1. sub a/grade 1	36813	2.9%
2	2. sub b/grade 2	39304	3.1%

3	3. grade 3/standard 1	43130	3.4%
4	4. grade 4/standard 2	48333	3.8%
5	5. grade 5/standard 3	46214	3.6%
6	6. grade 6/standard 4	54878	4.3%
7	7. grade 7/standard 5	70475	5.5%
8	8. grade 8/standard 6/form 1	82677	6.4%
9	9. grade 9/standard 7/form 2	80592	6.3%
10	10. grade 10/standard 8/form 3	111931	8.7%
11	11. grade 11/standard 9/form 4	108247	8.4%
12	12. grade 12/standard 10/form 5/matric	201049	15.7%
13	13. ntc i	1695	0.1%
14	14. ntc ii	1210	0.1%
15	15. ntc iii	2346	0.2%
16	16. n4/ntc 4	1681	0.1%
17	17. n5 /ntc 5	1632	0.1%
18	18. n6/ntc 6	2598	0.2%
19	19. certificate with less than grade 12/std 10	2438	0.2%
20	20. diploma with less than grade 12/std 10	2262	0.2%
21	21. certificate with grade 12/std 10	13513	1.1%
22	22. diploma with grade 12/std 10	30924	2.4%
23	23. higher diploma	4433	0.3%
24	24. post higher diploma	1391	0.1%
25	25. bachelors degree	16869	1.3%
26	26. bachelors degree and pg diploma	2825	0.2%
27	27. honours degree	5580	0.4%
28	28. higher degree (masters/phd)	3342	0.3%
29	29. other, specify	3439	0.3%
30	30. don't know	4943	0.4%
98	98. no schooling	225402	17.6%
Sysmiss		6165233	

#### EDUCHIGH4: highest level of education (waves 2016:3 to most recent qlfs)

Data file: palmsv4

#### Overview

Valid: 2251020 Invalid: 5196540 Minimum: 0 Maximum: 98  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 98 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. grade r/0	43990	2%
1	1. sub a/grade 1	56685	2.5%
2	2. sub b/grade 2	62995	2.8%
3	3. grade 3/standard 1	71103	3.2%
4	4. grade 4/standard 2	80339	3.6%
5	5. grade 5/standard 3	77913	3.5%
6	6. grade 6/standard 4	88637	3.9%
7	7. grade 7/standard 5	116925	5.2%
8	8. grade 8/standard 6/form 1	129061	5.7%
9	9. grade 9/standard 7/form 2	132609	5.9%
10	10. grade 10/standard 8/form 3	198411	8.8%
11	11. grade 11/standard 9/form 4	224771	10%
12	12. grade 12/standard 10/form 5/matric (no exemption)	373223	16.6%
13	13. grade 12/standard 10/form 5/matric (exemption/bachelors	49585	2.2%
14	14. ntc i	1339	0.1%
15	15. ntc ii	2578	0.1%
16	16. ntc iii	5250	0.2%
17	17. n4/ntc 4	4056	0.2%
18	18. n5 /ntc 5	3240	0.1%
19	19. n6/ntc 6	7552	0.3%
20	20. certificate with less than grade 12/std 10	3834	0.2%
21	21. diploma with less than grade 12/std 10	2583	0.1%
22	22. certificate with grade 12/std 10	25607	1.1%
23	23. diploma with grade 12/std 10	54325	2.4%
24	24. higher diploma	10621	0.5%
25	25. post higher diploma	3640	0.2%
26	26. bachelors degree	41416	1.8%
27	27. bachelors degree and pg diploma	4994	0.2%
28	28. honours degree	10484	0.5%
29	29. higher degree (masters/phd)	7067	0.3%
30	30. other, specify	9264	0.4%
31	31. don't know	9595	0.4%
98	98. no schooling	337328	15%
Sysmiss		5196540	

**EDUC\_INSTI\_LFS: educational institution, lfs only****Data file: palmsv4****Overview**

Valid: 1627670 Invalid: 5819890 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. school	527337	32.4%
2	2. university	11903	0.7%
3	3. technikon	6014	0.4%
4	4. college	8549	0.5%
5	5. adult basic education and training/literacy classes	2071	0.1%
6	6. other adult education classes	1382	0.1%
7	7. other than any of the above	1486	0.1%
8	8. none	1065819	65.5%
9	9. unspecified	3109	0.2%
Sysmiss		5819890	

**EMPSTAT1: employment status, official****Data file: palmsv4****Overview**

Valid: 5116999 Invalid: 2330561 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not economically active	2577514	50.4%
1	1. employed	1859830	36.3%
2	2. unemployed	679655	13.3%
Sysmiss		2330561	

**EMPSTAT2: employment status, expanded****Data file:** palmsv4**Overview**

Valid: 5116999 Invalid: 2330561 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not economically active	2200308	43%
1	1. employed	1859756	36.3%
2	2. unemployed	1056935	20.7%
Sysmiss		2330561	

**EMPLOYER: who does ... work for in main job (lfs only)****Data file:** palmsv4**Overview**

Valid: 1104321 Invalid: 6343239 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. working for someone else for pay	285424	25.8%
2	2. working for one or more private households as a domestic	40841	3.7%
3	3. working on his/her own or on a small household farm/plot	20559	1.9%
4	4. working on his/her own or with a partner	62201	5.6%
5	5. helping without pay in a household business	3677	0.3%
8	8. not applicable	690839	62.6%
9	9. unspecified	780	0.1%
Sysmiss		6343239	

**EMPLOYER1: who does individual work for? (pslsd+ohs only)****Data file:** palmsv4**Overview**

Valid: 367194 Invalid: 7080366 Minimum: 0 Maximum: 8888

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable /missing	158676	43.2%
1	1. someone else	140339	38.2%
2	2. him-/herself	21827	5.9%
3	3. someone else and him-/herself	1598	0.4%
8888	8888. not applicable	44754	12.2%
Sysmiss		7080366	

**EMPLOYER2: employer (qlfs)**

Data file: palmsv4

**Overview**Valid: 2858689    Invalid: 4588871    Minimum: 1    Maximum: 8  
Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 8    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	0	0%
1	1. working for someone else for pay	1081507	37.8%
2	2. an employer (employing one or more employees)	66012	2.3%
3	3. own account worker ( not employing any employees)	129678	4.5%
4	4. helping without pay in a household business	8431	0.3%
8		1573061	55%
Sysmiss		4588871	

**NUMWORKERS: number of regular workers at job, lfs**

Data file: palmsv4

**Overview**Valid: 1104321    Invalid: 6343239    Minimum: 1    Maximum: 9  
Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. 1	87891	8%
2	2. 2-4	62880	5.7%
3	3. 5-9	42025	3.8%
4	4. 10-19	52698	4.8%
5	5. 20 - 49	60803	5.5%
6	6. 50 or more	98949	9%
7	7. don't know	6763	0.6%
8	8. not applicable	690839	62.6%
9	9. unspecified	1473	0.1%
Sysmiss		6343239	

## NUMWORKERS2: number of employees at place of work (qlfs)

Data file: palmsv4

### Overview

Valid: 2858687 Invalid: 4588873 Minimum: 1 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. 0 employees	132330	4.6%
2	2. 1 employee	122263	4.3%
3	3. between 2 and 4 employees	129142	4.5%
4	4. between 5 and 9 employees	107613	3.8%
5	5. between 10 and 19 employees	158125	5.5%
6	6. between 20 and 49 employees	190671	6.7%
7	7. 50 or more employees	379501	13.3%
8	8. do not know	65923	2.3%
9		8	0%
88	88. not applicable	1573061	55%
99		50	0%
Sysmiss		4588873	

**JOBSTARTYEAR: year started working for employer, ohs 95 onwards**

Data file: palmsv4

**Overview**

Valid: 1714745 Invalid: 5732815 Minimum: 1919 Maximum: 9999  
 Type: Discrete Decimal: 0 Width: 4 Range: 1919 - 9999 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1919		1	0%
1927		1	0%
1930		1	0%
1931		1	0%
1932		3	0%
1933		1	0%
1934		1	0%
1935		2	0%
1936		4	0%
1937		3	0%
1938		4	0%
1939		5	0%
1940		16	0%
1941		11	0%
1942		11	0%
1943		10	0%
1944		24	0%
1945		13	0%
1946		11	0%
1947		18	0%
1948		22	0%
1949		19	0%
1950		63	0%
1951		19	0%
1952		47	0%
1953		48	0%
1954		61	0%
1955		85	0%
1956		90	0%
1957		97	0%

1958		122	0%
1959		132	0%
1960		470	0%
1961		218	0%
1962		295	0%
1963		315	0%
1964		445	0%
1965		589	0%
1966		531	0%
1967		641	0%
1968		900	0.1%
1969		1064	0.1%
1970		2519	0.1%
1971		1639	0.1%
1972		2045	0.1%
1973		2196	0.1%
1974		2771	0.2%
1975		3624	0.2%
1976		3988	0.2%
1977		3622	0.2%
1978		4816	0.3%
1979		5988	0.3%
1980		11977	0.7%
1981		8187	0.5%
1982		10427	0.6%
1983		9303	0.5%
1984		10896	0.6%
1985		12430	0.7%
1986		13163	0.8%
1987		13819	0.8%
1988		14684	0.9%
1989		20909	1.2%
1990		28052	1.6%
1991		19273	1.1%
1992		22311	1.3%
1993		22082	1.3%
1994		29425	1.7%
1995		32468	1.9%
1996		33463	2%

1997		32770	1.9%
1998		37895	2.2%
1999		44227	2.6%
2000		54864	3.2%
2001		46677	2.7%
2002		44817	2.6%
2003		46076	2.7%
2004		50687	3%
2005		57500	3.4%
2006		64988	3.8%
2007		75466	4.4%
2008		83243	4.9%
2009		74343	4.3%
2010		75033	4.4%
2011		59170	3.5%
2012		61324	3.6%
2013		57880	3.4%
2014		56367	3.3%
2015		55708	3.2%
2016		48170	2.8%
2017		44166	2.6%
2018		41803	2.4%
2019		35287	2.1%
2020		22226	1.3%
2021		23267	1.4%
2022		25924	1.5%
2023		22926	1.3%
2024		14267	0.8%
2025		2735	0.2%
8888	8888. not applicable	0	0%
9999	9999. unspecified	2448	0.1%
Sysmiss		5732815	

## JOBSTARTMONTH: month started working for employer, ohs 95 onwards

Data file: palmsv4

### Overview

Valid: 1712418 Invalid: 5735142 Minimum: 0 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1	0%
1	1. january	468286	27.3%
2	2. february	176633	10.3%
3	3. march	183586	10.7%
4	4. april	155378	9.1%
5	5. may	97465	5.7%
6	6. june	141517	8.3%
7	7. july	98735	5.8%
8	8. august	94322	5.5%
9	9. september	90084	5.3%
10	10. october	82533	4.8%
11	11. november	71419	4.2%
12	12. december	49110	2.9%
88	88. not applicable	0	0%
99	99. unspecified	3349	0.2%
Sysmiss		5735142	

**WRITTENCONTRACT: =1 if employee has written contract, lfs+qlfs**

Data file: palmsv4

### Overview

Valid: 1401980 Invalid: 6045580 Minimum: 0 Maximum: 1 Mean: 0.756 Standard deviation: 0.43  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		342340	24.4%
1		1059640	75.6%
Sysmiss		6045580	

**SELFFORMALREG: individual considers the business they operate formal (ohs only)**

Data file: palmsv4

**Overview**

Valid: 22421 Invalid: 7425139 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 4 Range: 0 - 8888 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. missing/not applicable	109	0.5%
1	1. yes, formal	5757	25.7%
2	2. no, informal	16555	73.8%
8888	8888. not applicable/missing	0	0%
Sysmiss		7425139	

**SELFVATREG: business operated by the individual is registered for vat (ohs only)**

Data file: palmsv4

**Overview**

Valid: 17147 Invalid: 7430413 Minimum: 0 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 4 Range: 0 - 8888 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. missing/not applicable	127	0.7%
1	1. yes	5123	29.9%
2	2. no	11825	69%
3	3. don't know	72	0.4%
8888	8888. not applicable/missing	0	0%
Sysmiss		7430413	

**SELFPAIDEMP: number of paid employees in own enterprise (ohs only)**

Data file: palmsv4

**Overview**

Valid: 23228 Invalid: 7424332 Minimum: 0 Maximum: 2000 Mean: 2.205 Standard deviation: 24.516  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 2000 Format: Numeric

**SELFUNPAIDEMP: number of unpaid employees in own enterprise (ohs only)****Data file:** palmsv4**Overview**

Valid: 22117 Invalid: 7425443 Minimum: 0 Maximum: 1000 Mean: 0.263 Standard deviation: 7.966  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 1000 Format: Numeric

**WAGEFORMALREG: employee considers the enterprise they work for formal (ohs only)****Data file:** palmsv4**Overview**

Valid: 62138 Invalid: 7385422 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 4 Range: 0 - 8888 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. missing/don't know	187	0.3%
1	1. yes/ formal	51159	82.3%
2	2. no/ informal (including domestic work)	10792	17.4%
8888	8888. not applicable	0	0%
Sysmiss		7385422	

**FORMALREG0: Ifs variable for wage/self/domestic: business is formal, registered****Data file:** palmsv4**Overview**

Valid: 1104321 Invalid: 6343239 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. in the formal sector	279593	25.3%
2	2. in the informal sector (including domestic work)	129846	11.8%
3	3. don	2235	0.2%
8	8. not applicable	690839	62.6%
9	9. unspecified	1808	0.2%
Sysmiss		6343239	

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

Data file: palmsv4

**Overview**

Valid: 559478 Invalid: 6888082 Minimum: 1 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. formal employment	109774	19.6%
2	2. informal employment	21180	3.8%
3	3. private household	14505	2.6%
4	4. don't know	1905	0.3%
8	8. not applicable	412114	73.7%
Sysmiss		6888082	

**INFORMAL\_EMP\_DERIVED: derived (by stats sa) variable : indiv is in informal employment (qlfs 2009:3 on**

Data file: palmsv4

**Overview**

Valid: 2299211 Invalid: 5148349 Minimum: 0 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	1160947	50.5%
1	1. formal employment	732966	31.9%
2	2. informal employment	356734	15.5%
8	8. other	48564	2.1%
Sysmiss		5148349	

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

Data file: palmsv4

**Overview**

Valid: 2858689 Invalid: 4588871 Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	1573061	55%
1	1. formal sector (including agriculture)	929364	32.5%
2	2. informal sector (including agriculture)	241897	8.5%
4	4. private households	114367	4%
Sysmiss		4588871	

**REGISVAT: business registered for vat, all in lfs, only self-emp in qlfs**

Data file: palmsv4

**Overview**

Valid: 3228612 Invalid: 4218948 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2016349	62.5%
1	1. yes	247589	7.7%
2	2. no	318612	9.9%
3	3. don't know	9929	0.3%
8	8. not applicable	634447	19.7%
9	9. unspecified	1686	0.1%
Sysmiss		4218948	

**JOBINDCODE: industry of employment, short code**

Data file: palmsv4

**Overview**

Valid: 1857464 Invalid: 5590096 Minimum: 1 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. agriculture, hunting, forestry and fishing	161666	8.7%
2	2. mining and quarrying	58576	3.2%
3	3. manufacturing	216531	11.7%
4	4. utilities	13725	0.7%
5	5. construction	132788	7.1%
6	6. trade	386190	20.8%
7	7. transport	96154	5.2%
8	8. finance	205338	11.1%
9	9. services	409842	22.1%
10	10. domestic services	173396	9.3%
11		402	0%
99		2856	0.2%
Sysmiss		5590096	

### INDUSTRY: 3 digit industry sic code, ohs 99+ifs

Data file: palmsv4

#### Overview

Valid: 1175313 Invalid: 6272247 Minimum: 0 Maximum: 8888  
 Type: Discrete Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. invalid code	5	0%
10	10. private households with employed persons	45376	3.9%
13		1	0%
14		1	0%
15		2	0%
20	20. exterritorial organisations	98	0%
25		1	0%
30	30. representatives of foreign governments	47	0%
34		1	0%
40		1	0%

41		1	0%
43		1	0%
46		1	0%
50		2	0%
60	60. not elsewhere classified	2	0%
62		1	0%
80		1	0%
86		1	0%
90	90. other activities not adequately defined	683	0.1%
110	110. growing of crops	35	0%
111	111. growing of grains (eg. maize, wheat, barley etc.), oil	7902	0.7%
112	112. growing of vegetables	12330	1%
113	113. growing of other horticultural specialities and nursery	1059	0.1%
114	114. growing of fruit	8656	0.7%
115	115. growing of vineyards	5852	0.5%
116	116. growing sugar cane	3685	0.3%
117	117. growing of cotton	102	0%
118	118. growing of other crops (eg. spices) / unspecified (wher	1356	0.1%
120	120. farming of animals	12	0%
121	121. animals for meat, including breeding but excluding chic	9567	0.8%
122	122. chickens, including breeding and slaughtering	2129	0.2%
123	123. horses	185	0%
124	124. dairy farming, including milk etc.	1412	0.1%
125	125. sheep	2815	0.2%
126	126. ostrich	319	0%
127	127. goats	548	0%
128	128. farming with animals, unspecified (ie where no other de	451	0%
129	129. other animal farming: production of animal products nec	165	0%
130	130. production of organic fertilizer	37	0%
131		2	0%
132		1	0%
140	140. forestry, logging and related services	24	0%
141	141. forestry and related services	3777	0.3%
142	142. logging and related services	407	0%
150	150. fishing, operational of fish hatcheries and fish farms	1	0%
151	151. ocean and coastal fishing	355	0%
152	152. rivers and dams (ie. inland fishing)	145	0%
153	153. fish hatcheries and fish farms	75	0%
160	160. growing of crops combined with farming of animals	4111	0.3%

170	170. agricultural and animal husbandry services,	13	0%
171	171. animal boarding activities without health care	48	0%
172	172. pest control in connection with agriculture	64	0%
173	173. farm development, orchards and field preparation	31	0%
174	174. providing agricultural machinery with drivers and crew	20	0%
175	175. harvesting and related activities such as the preparati	201	0%
176	176. landscaping gardening and planning and design in connec	338	0%
177	177. artificial insemination, herd testing	0	0%
178	178. manure gathering, sheep dipping and sheering, egg clean	15	0%
180	180. game hunting, trapping and game propagation, iincluding	2	0%
181	181. game propagation	54	0%
182	182. hunting and trapping, including related services	52	0%
183	183. game breeding	39	0%
190	190. farming, unspecified	935	0.1%
201		1	0%
210	210. mining of coal and lignite	1943	0.2%
221	221. extraction of crude petroleum and natural gas;	14	0%
230	230. mining of gold and uranium ore	9987	0.8%
240	240. mining of metal ores	33	0%
241	241. mining of iron ore	584	0%
242	242. mining of non-ferrous metal ores	4237	0.4%
250	250. other mining and quarrying	8	0%
251	251. stone quarrying, clay and sandpits	441	0%
252	252. mining of diamonds (inclu-ding alluvial diamonds)	1421	0.1%
253	253. mining and quarrying n.e.c.	578	0%
290	290. service activities incidental to mining of minerals	56	0%
300	300. manufacture of food products, beverages and tobacco pro	2	0%
301	301. production, processing and preservation of meat, fish,	2973	0.3%
302	302. manufacture of dairy products	816	0.1%
303	303. manufacture of grain mill products, starches and starch	740	0.1%
304	304. manufacture of other food products	2892	0.2%
305	305. manufacture of beverages	2075	0.2%
306	306. manufacture of tobacco products	143	0%
309		1	0%
310	310. manufacture of textiles, clothing and leather goods	22	0%
311	311. spinning, weaving and finishing of textiles	656	0.1%
312	312. manufacture of other textiles	1660	0.1%
313	313. manufacture of knitted and crocheted fabrics and articl	672	0.1%
314	314. manufacture of wearing apparel, except fur apparel	7199	0.6%

315	315. dressing and dyeing of fur; manufacture of articles of	30	0%
316	316. tanning and dressing of leather; manufacture of luggage	328	0%
317	317. manufacture of footwear	770	0.1%
320	320. manufacture of wood and of products of wood and cork, e	5	0%
321	321. sawmilling and planing of wood	679	0.1%
322	322. manufacture of products of wood, cork, straw and	2187	0.2%
323	323. manufacture of paper and paper products	1135	0.1%
324	324. publishing	483	0%
325	325. printing and service activities related to printing	1277	0.1%
326	326. reproduction of recorded media	13	0%
330	330. manufacture of coke, refined petroleum products and nuc	12	0%
331	331. manufacture of coke oven products	84	0%
332	332. petroleum refineries / synthesisers	970	0.1%
333	333. processing of nuclear fuel	28	0%
334	334. manufacture of basic chemicals	442	0%
335	335. manufacture of other chemical products	1778	0.2%
336	336. manufacture of manmade fibres	9	0%
337	337. manufacture of rubber products	761	0.1%
338	338. manufacture of plastic products	1288	0.1%
340	340. manufacture of other non-metallic mineral products	2	0%
341	341. manufacture of glass and glass products	487	0%
342	342. manufacture of non-metallic mineral products n.e.c	3268	0.3%
350	350. manufacture of basic metals, fabricated metal products	7	0%
351	351. manufacture of basic iron and steel	2475	0.2%
352	352. manufacture of basic precious and non-ferrous metals	595	0.1%
353	353. casting of metals	355	0%
354	354. manufacture of structural metal products, tanks, reserv	2046	0.2%
355	355. manufacture of other fabricated metal products; metalwo	2411	0.2%
356	356. manufacture of general purpose machinery	602	0.1%
357	357. manufacture of special purpose machinery	945	0.1%
358	358. manufacture of household appliances n.e.c.	652	0.1%
359	359. manufacture of office, accounting and computing machine	206	0%
360	360. manufacture of electrical machinery and apparatus n.e.c	9	0%
361	361. manufacture of electric motors, generators and transfor	77	0%
362	362. manufacture of electricity distribution and control app	129	0%
363	363. manufacture of insulated wire and cable	262	0%
364	364. manufacture of accumulators, primary cells and primary	90	0%
365	365. manufacture of electric lamps and lighting equipment	91	0%
366	366. manufacture of other electrical equipment n.e.c.	296	0%

370	370. manufacture of radio, television and communication equi	11	0%
371	371. manufacture of electronic valves and tubes and other el	84	0%
372	372. manufacture of television and radio transmitters and ap	102	0%
373	373. manufacture of television and radio receivers, sound or	89	0%
374	374. manufacture of medical appliances and instruments and a	237	0%
375	375. manufacture of optical instruments and photographic equ	30	0%
376	376. manufacture of watches and clocks	4	0%
380	380. manufacture of transport equipment	6	0%
381	381. manufacture of motor vehicles	1408	0.1%
382	382. manufacture of bodies (coachwork) for motor vehicles;	187	0%
383	383. manufacture of parts and accessories for motor	1377	0.1%
384	384. building and repairing of ships and boats	156	0%
385	385. manufacture of railway and tramway locomotives and	46	0%
386	386. manufacture of aircraft and spacecraft	54	0%
387	387. manufacture of transport equipment n.e.c.	52	0%
390	390. manufacture of furniture; manufacturing n.e.c.;	3	0%
391	391. manufacture of furniture	1527	0.1%
392	392. manufacturing n.e.c.	799	0.1%
395	395. recycling n.e.c.	578	0%
410	410. electricity, gas, steam and hot water supply	24	0%
411	411. production, collection and distribution of electricity	2089	0.2%
412	412. manufacture of gas; distribution of gaseous fuels throu	60	0%
413	413. steam and hot water supply	29	0%
420	420. collection, purification and distribution of water	934	0.1%
463		1	0%
500	500. construction	3	0%
501	501. site preparation	26	0%
502	502. building of complete constructions or parts thereof; ci	19148	1.6%
503	503. building installation	3269	0.3%
504	504. building completion	3120	0.3%
505	505. renting of construction of demolition equipment with op	25	0%
507		1	0%
610	610. wholesale and commission trade, except of motor vehicle	6	0%
611	611. wholesale trade on a fee or contract basis	421	0%
612	612. wholesale trade in agricultural raw materials, livestoc	1618	0.1%
613	613. wholesale trade in house-hold goods	420	0%
614	614. wholesale trade in non-agricultural intermediate produc	899	0.1%
615	615. wholesale trade in machinery, equipment and supplies	205	0%
619	619. other wholesale trade	245	0%

620	620. retail trade, except of motor vehicles and motor cycles	9	0%
621	621. non-specialised retail trade in stores	9995	0.9%
622	622. retail trade in food, beverages and tobacco in speciali	5922	0.5%
623	623. other retail trade in new goods in specialised stores	14857	1.3%
624	624. retail trade in second-hand goods in stores	78	0%
625	625. retail trade not in stores	27509	2.3%
626	626. repair of personal and household goods	2241	0.2%
630	630. sale, maintenance and repair of motor vehicles and mot	9	0%
631	631. sale of motor vehicles	1383	0.1%
632	632. maintenance and re-pair of motor vehicles	6411	0.5%
633	633. sale of motor vehicle parts and accessories	1307	0.1%
634	634. sale, maintenance and repair of motor cycles and relat	103	0%
635	635. retail sale of automotive fuel	2903	0.2%
640	640. hotels and restaurants	11	0%
641	641. hotels, camping sites and other provision of short stay	3883	0.3%
642	642. restaurants, bars and canteens	6639	0.6%
643	643. shebeen	2975	0.3%
672		1	0%
673		2	0%
675		1	0%
710	710. land transport; transport via pipelines	3	0%
711	711. railway transport	2080	0.2%
712	712. other land transport	10072	0.9%
713	713. transport via pipelines	12	0%
714		1	0%
717		1	0%
720	720. water transport	26	0%
721	721. sea and coastal water transport	353	0%
722	722. inland water transport	33	0%
730	730. air transport	512	0%
741	741. supporting and auxiliary transport activities; activiti	1463	0.1%
750	750. post and telecommunication	20	0%
751	751. postal and related courier activities	974	0.1%
752	752. telecommunication	2342	0.2%
810	810. financial intermediation, except insurance and pension	2	0%
811	811. monetary intermediation	3817	0.3%
818	818. cash loans	546	0%
819	819. other financial intermediation n.e.c.	783	0.1%
820		1	0%

821	821. insurance and pension funding, except compulsory social	2596	0.2%
830	830. activities auxiliary to financial intermediation	1	0%
831	831. activities auxiliary to financial intermediation, excep	204	0%
832	832. activities auxiliary to insurance and pension funding	13	0%
840	840. real estate activities	2	0%
841	841. real estate activities with own or leased property	1506	0.1%
842	842. real estate activities on a fee or contract basis	213	0%
850	850. renting of machinery and equipment, without operator a	1	0%
851	851. renting of transport equipment	160	0%
852	852. renting of other machinery and equipment	149	0%
853	853. renting of personal and household goods n.e.c.	150	0%
860	860. computer and related activities	18	0%
861	861. hardware consultancy	182	0%
862	862. software consultancy and supply	688	0.1%
863	863. data processing	38	0%
864	864. data base activities	95	0%
865	865. maintenance and repair of office, accounting and comput	154	0%
869	869. other computer related activities	207	0%
870	870. research and development	1	0%
871	871. research and experimental development on natural scienc	516	0%
872	872. research and experimental develop-ment on social scienc	23	0%
880	880. other business activities	1	0%
881	881. legal, accounting, bookkeeping and auditing activities;	3218	0.3%
882	882. architectural, engineering and other technical activiti	1361	0.1%
883	883. advertising	531	0%
888	888. not applicable	690841	58.8%
889	889. business activities n.e.c.	12844	1.1%
910	910. public administration and defence activities	67	0%
911	911. central government activi-ties	4569	0.4%
912	912. regional services council activities	98	0%
913	913. local authority activities	6994	0.6%
914	914. provincial administrations	735	0.1%
915	915. s a defence force	1679	0.1%
916	916. s a police service	5204	0.4%
917	917. correctional service	1618	0.1%
919		1	0%
920	920. education	26947	2.3%
923		1	0%
930	930. health and social work	41	0%

931	931. human health activities	16623	1.4%
932	932. veterinary activities	170	0%
933	933. social work activities	4100	0.3%
940	940. other community, social and personal service activities	1502	0.1%
941		1	0%
950	950. activities of membership organisations n.e.c.	2	0%
951	951. activities of business, employers and professional orga	232	0%
952	952. activities of trade unions	64	0%
959	959. activities of other member-ship organisations	1465	0.1%
960	960. recreational, cultural and sporting activities	10	0%
961	961. motion picture, radio, television and other entertainme	663	0.1%
962	962. news agency activities	165	0%
963	963. library, archives, museums and other cultural activitie	857	0.1%
964	964. sporting and other recreational activities	1687	0.1%
970		2	0%
971		1	0%
988	988. begging	63	0%
990	990. other service activities	3858	0.3%
998		18	0%
999	999. unspecified	1036	0.1%
8888	8888. not applicable	48563	4.1%
9999	9999. unspecified	0	0%
Sysmiss		6272247	

## INDUSTRY2: 3 digit industry sic code ohs96-98 +qlfs

Data file: palmsv4

### Overview

Valid: 2918379 Invalid: 4529181 Minimum: 0 Maximum: 999  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1	0%
10	10. private households with employed persons	120141	4.1%
20	20. exterritorial organisations	42	0%
30	30. representatives of foreign governments	287	0%

60	60. not elsewhere classified	1	0%
62		1	0%
90	90. other activities not adequately defined	2207	0.1%
110	110. agriculture, hunting, forestry and fishing	514	0%
111	111. growing of crops	43947	1.5%
112	112. farming of animals	20187	0.7%
113	113. growing of crops combined with farming of animals(mixed	8233	0.3%
114	114. agricultural and animal husbandry services, except vete	734	0%
115	115. game hunting, trapping and game propagation, including	272	0%
116	116. production of organic fertilizer	131	0%
120	120. forestry, logging and related services	184	0%
121	121. forestry and related services	4362	0.1%
122	122. logging and related services	856	0%
130	130. fishing, operational of fish hatcheries and fish farms	41	0%
131	131. ocean and coastal fishing	507	0%
132	132. fish hatcheries and fish farms	268	0%
202		1	0%
210	210. mining of coal and lignite	5967	0.2%
212		1	0%
221	221. extraction of crude petroleum and natural gas; service	17	0%
230	230. mining of gold and uranium ore	9264	0.3%
232		2	0%
236		1	0%
240	240. mining of metal ores	40	0%
241	241. mining of iron ore	1707	0.1%
242	242. mining of non-ferrous metal ores	14819	0.5%
250	250. other mining and quarrying	92	0%
251	251. stone quarrying, clay and sandpits	708	0%
252	252. mining of diamonds (including alluvial diamonds)	1646	0.1%
253	253. mining and quarrying n.e.c.	2088	0.1%
261		1	0%
262		1	0%
280		1	0%
281		2	0%
290	290. service activities incidental to mining of minerals	26	0%
300	300. manufacture of food products, beverages and tobacco pro	51	0%
301	301. production, processing and preservation of meat, fish,	8161	0.3%
302	302. manufacture of dairy products	2825	0.1%
303	303. manufacture of grain mill products, starches and starch	2387	0.1%

304	304. manufacture of other food products	10689	0.4%
305	305. manufacture of beverages	6915	0.2%
306	306. manufacture of tobacco products	317	0%
308		1	0%
310	310. manufacture of textiles, clothing and leather goods	301	0%
311	311. spinning, weaving and finishing of textiles	1290	0%
312	312. manufacture of other textiles	4302	0.1%
313	313. manufacture of knitted and crocheted fabrics and articl	1022	0%
314	314. manufacture of wearing apparel, except fur apparel	14828	0.5%
315	315. dressing and dyeing of fur; manufacture of articles of	12	0%
316	316. tanning and dressing of leather; manufacture of luggage	1155	0%
317	317. manufacture of footwear	1674	0.1%
318		3	0%
320	320. manufacture of wood and of products of wood and cork, e	59	0%
321	321. sawmilling and planing of wood	1388	0%
322	322. manufacture of products of wood, cork, straw and plaiti	4891	0.2%
323	323. manufacture of paper and paper products	3518	0.1%
324	324. publishing	1486	0.1%
325	325. printing and service activities related to printing	4625	0.2%
326	326. reproduction of recorded media	25	0%
328		1	0%
330	330. manufacture of coke, refined petroleum products and nuc	21	0%
331	331. manufacture of coke oven products	267	0%
332	332. petroleum refineries / synthesisers	3574	0.1%
333	333. processing of nuclear fuel	96	0%
334	334. manufacture of basic chemicals	1269	0%
335	335. manufacture of other chemical products	6792	0.2%
336	336. manufacture of manmade fibers	14	0%
337	337. manufacture of rubber products	1724	0.1%
338	338. manufacture of plastic products	4292	0.1%
340	340. manufacture of other non-metallic mineral products	7	0%
341	341. manufacture of glass and glass products	1407	0%
342	342. manufacture of non-metallic mineral products n.e.c.	7868	0.3%
350	350. manufacture of basic metals, fabricated metal products	50	0%
351	351. manufacture of basic iron and steel	7480	0.3%
352	352. manufacture of basic precious and non-ferrous metals	1630	0.1%
353	353. casting of metals	483	0%
354	354. manufacture of structural metal products, tanks, reserv	6483	0.2%
355	355. manufacture of other fabricated metal products; metalwo	6710	0.2%

356	356. manufacture of general purpose machinery	2219	0.1%
357	357. manufacture of special purpose machinery	3089	0.1%
358	358. manufacture of household appliances n.e.c.	1577	0.1%
359	359. manufacture of office, accounting and computing machine	553	0%
360	360. manufacture of electrical machinery and apparatus n.e.c	77	0%
361	361. manufacture of electric motors, generators and transfor	531	0%
362	362. manufacture of electricity distribution and control app	166	0%
363	363. manufacture of insulated wire and cable	321	0%
364	364. manufacture of accumulators, primary cells and primary	237	0%
365	365. manufacture of electric lamps and lighting equipment	443	0%
366	366. manufacture of other electrical equipment n.e.c.	361	0%
370	370. manufacture of radio, television and communication equi	3	0%
371	371. manufacture of electronic valves and tubes and other el	231	0%
372	372. manufacture of television and radio transmitters and ap	204	0%
373	373. manufacture of television and radio receivers, sound or	211	0%
374	374. manufacture of medical appliances and instruments and a	1090	0%
375	375. manufacture of optical instruments and photographic equ	116	0%
376	376. manufacture of watches and clocks	37	0%
380	380. manufacture of transport equipment	33	0%
381	381. manufacture of motor vehicles	3723	0.1%
382	382. manufacture of bodies (coachwork) for motor vehicles;	638	0%
383	383. manufacture of parts and accessories for motor vehicles	3961	0.1%
384	384. building and repairing of ships and boats	500	0%
385	385. manufacture of railway and tramway locomotives and roll	291	0%
386	386. manufacture of aircraft and spacecraft	311	0%
387	387. manufacture of transport equipment n.e.c.	163	0%
388		1	0%
389		1	0%
390	390. manufacture of furniture; manufacturing n.e.c.; recycl	77	0%
391	391. manufacture of furniture	3652	0.1%
392	392. manufacturing n.e.c...	1946	0.1%
395	395. recycling n.e.c.	2430	0.1%
410	410. electricity, gas, steam and hot water supply	206	0%
411	411. production, collection and distribution of electricity	6222	0.2%
412	412. manufacture of gas; distribution of gaseous fuels throu	488	0%
413	413. steam and hot water supply	28	0%
420	420. collection, purification and distribution of water	2871	0.1%
421		1	0%
422		1	0%

432		1	0%
500	500. construction	298	0%
501	501. site preparation	416	0%
502	502. building of complete constructions or parts thereof; ci	69939	2.4%
503	503. building installation	19860	0.7%
504	504. building completion	12902	0.4%
505	505. renting of construction of demolition equipment with op	34	0%
511		1	0%
516		3	0%
520		3	0%
521		1	0%
563		1	0%
581		1	0%
610	610. wholesale and commission trade, except of motor vehicle	43	0%
611	611. wholesale trade on a fee or contract basis	2727	0.1%
612	612. wholesale trade in agricultural raw materials, livestoc	4577	0.2%
613	613. wholesale trade in house-hold goods	1172	0%
614	614. wholesale trade in non-agricultural intermediate produc	4343	0.1%
615	615. wholesale trade in machinery, equipment and supplies	768	0%
619	619. other wholesale trade	283	0%
620	620. retail trade, except of motor vehicles and motor cycles	98	0%
621	621. non-specialised retail trade in stores	41572	1.4%
622	622. retail trade in food, beverages and tobacco in speciali	15413	0.5%
623	623. other retail trade in new goods in specialised stores	49223	1.7%
624	624. retail trade in second-hand goods in stores	392	0%
625	625. retail trade not in stores	66680	2.3%
626	626. repair of personal and household goods	5076	0.2%
627		1	0%
630	630. sale, maintenance and repair of motor vehicles and mot	56	0%
631	631. sale of motor vehicles	6267	0.2%
632	632. maintenance and re-pair of motor vehicles	19335	0.7%
633	633. sale of motor vehicle parts and accessories	4714	0.2%
634	634. sale, maintenance and repair of motor cycles and relat	279	0%
635	635. retail sale of automotive fuel	10358	0.4%
636		1	0%
639		1	0%
640	640. hotels and restaurants	148	0%
641	641. hotels, camping sites and other provision of short stay	13337	0.5%
642	642. restaurants, bars and canteens	30098	1%

643	643. shebeen	4527	0.2%
646		1	0%
650		1	0%
673		1	0%
690		1	0%
710	710. land transport; transport via pipelines	73	0%
711	711. railway transport	5852	0.2%
712	712. other land transport	47345	1.6%
713	713. transport via pipelines	14	0%
714		2	0%
720	720. water transport	49	0%
721	721. sea and coastal water transport	324	0%
722	722. inland water transport	18	0%
723		1	0%
730	730. air transport	1989	0.1%
731		4	0%
741	741. supporting and auxiliary transport activities; activiti	6883	0.2%
750	750. post and telecommunication	12	0%
751	751. postal and related courier activities	5051	0.2%
752	752. telecommunication	6970	0.2%
803		1	0%
810	810. financial intermediation, except insurance and pension	49	0%
811	811. monetary intermediation	12768	0.4%
816		1	0%
818	818. cash loans	1793	0.1%
819	819. other financial intermediation n.e.c.	5454	0.2%
820		55	0%
821	821. insurance and pension funding, except compulsory social	10445	0.4%
822		3	0%
830	830. activities auxiliary to financial intermediation	8	0%
831	831. activities auxiliary to financial intermediation, excep	1098	0%
832	832. activities auxiliary to insurance and pension funding	28	0%
833		1	0%
840	840. real estate activities	37	0%
841	841. real estate activities with own or leased property	6228	0.2%
842	842. real estate activities on a fee or contract basis	2753	0.1%
850	850. renting of machinery and equipment, without operator a	4	0%
851	851. renting of transport equipment	1095	0%
852	852. renting of other machinery and equipment	1260	0%

853	853. renting of personal and household goods n.e.c.	795	0%
860	860. computer and related activities	109	0%
861	861. hardware consultancy	116	0%
862	862. software consultancy and supply	6563	0.2%
863	863. data processing	140	0%
864	864. data base activities	256	0%
865	865. maintenance and repair of office, accounting and comput	1000	0%
869	869. other computer related activities	532	0%
870	870. research and development	10	0%
871	871. research and experimental development on natural scienc	1636	0.1%
872	872. research and experimental develop-ment on social scienc	4	0%
880	880. other business activities	147	0%
881	881. legal, accounting, bookkeeping and auditing activities;	14349	0.5%
882	882. architectural, engineering and other technical activiti	11598	0.4%
883	883. advertising	4578	0.2%
884		1	0%
887		1	0%
889	889. business activities n.e.c.	86165	3%
900		1	0%
905		1	0%
910	910. public administration and defence activities	51	0%
911	911. central government activities	19167	0.7%
912	912. regional services council activities	111	0%
913	913. local authority activities	25477	0.9%
914	914. provincial administrations	1008	0%
915	915. s a defense force	5195	0.2%
916	916. s a police service	19175	0.7%
917	917. correctional service	4299	0.1%
918		1	0%
919		1	0%
920	920. education	92436	3.2%
922		4	0%
923		1	0%
928		1	0%
930	930. health and social work	213	0%
931	931. human health activities	59301	2%
932	932. veterinary activities	751	0%
933	933. social work activities	25867	0.9%
937		1	0%

939		1	0%
940	940. other community, social and personal service activities	20889	0.7%
950	950. activities of membership organisations n.e.c.	9	0%
951	951. activities of business, employers and professional orga	963	0%
952	952. activities of trade unions	615	0%
957		1	0%
959	959. activities of other member-ship organizations	4420	0.2%
960	960. recreational, cultural and sporting activities	21	0%
961	961. motion picture, radio, television and other entertainme	3107	0.1%
962	962. news agency activities	1261	0%
963	963. library, archives, museums and other cultural activitie	2795	0.1%
964	964. sporting and other recreational activities	5746	0.2%
970		1	0%
988	988. begging	3	0%
990	990. other service activities	21333	0.7%
999	999. unspecified	1573128	53.9%
Sysmiss		4529181	

## INDUST2DIGIT: 2 digit industry, ohs 94+95

Data file: palmsv4

### Overview

Valid: 207254 Invalid: 7240306 Minimum: 0 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 50 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		138628	66.9%
1	1. agriculture	10630	5.1%
2	2. forestry	313	0.2%
3	3. fishing	30	0%
4	4. coal mining	354	0.2%
5	5. petrol and gas extraction	26	0%
6	6. gold/uranium mining	1011	0.5%
7	7. other metals mining	479	0.2%
8	8. other mining and quarrying	473	0.2%
9	9. services incidental to mining	50	0%

10	10. food manufacturing	1968	0.9%
11	11. clothing&textiles manufacturing	2476	1.2%
12	12. wood products manufacturing	1183	0.6%
13	13. petroleum products manufacturing	1066	0.5%
14	14. non-metallic manufacturing	481	0.2%
15	15. basic metals manufacturing	1486	0.7%
16	16. electrical machinery manufacturing	238	0.1%
17	17. radio+tv manufacturing	140	0.1%
18	18. transport equipment manufacturing	642	0.3%
19	19. furniture+other manufacturing	314	0.2%
20	20. electricity+gas supply	557	0.3%
21	21. water distribution+purification	85	0%
22	22. construction	3134	1.5%
23	23. wholesale trade	1038	0.5%
24	24. retail trade	8017	3.9%
25	25. sale+repair of motor vehiles	2229	1.1%
26	26. hotels+restaurants	1118	0.5%
27	27. land transport	2075	1%
28	28. water transport	80	0%
29	29. air transport	74	0%
30	30. supporting transport	84	0%
31	31. post+ telecoms	772	0.4%
32	32. financial intermediation	1151	0.6%
33	33. insurance+pensions	611	0.3%
34	34. auxiliary financial intermediation	78	0%
35	35. real estate	236	0.1%
36	36. rental of equipment	72	0%
37	37. computer related activities	195	0.1%
38	38. research+development	65	0%
39	39. other business activities	1474	0.7%
40	40. public administration+defense	5024	2.4%
41	41. education	4979	2.4%
42	42. health+social work	3312	1.6%
43	43. community service	443	0.2%
44	44. membership organisation activities	287	0.1%
45	45. cultural activities	430	0.2%
46	46. sporting activities	102	0%
47	47. other service activities	3309	1.6%
48	48. private households	3159	1.5%

49	49. other activities	361	0.2%
50	50. unspecified	715	0.3%
Sysmiss		7240306	

## JOBCCCODE: occupation of main job, short code

Data file: palmsv4

### Overview

Valid: 1857208 Invalid: 5590352 Minimum: 1 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. legislators, senior officials and managers	127887	6.9%
2	2. professionals	91375	4.9%
3	3. technical and associate professionals	179323	9.7%
4	4. clerks	185306	10%
5	5. service workers and shop and market sales workers	265127	14.3%
6	6. skilled agricultural and fishery workers	39061	2.1%
7	7. craft and related trades workers	221629	11.9%
8	8. plant and machine operators and assemblers	161013	8.7%
9	9. elementary occupation	442083	23.8%
10	10. domestic workers	143202	7.7%
11		217	0%
88	88. not applicable	0	0%
91	91. occupation not elsewhere defined	0	0%
97	97. occupation not adequately defined	0	0%
99	99. occupation not elsewhere defined, unspecified	985	0.1%
Sysmiss		5590352	

## OCCUPATION: 4 digit occ code ohs 96-lfs 2002:1

Data file: palmsv4

### Overview

Valid: 515463 Invalid: 6932097 Minimum: 810 Maximum: 9999  
 Type: Discrete Decimal: 0 Width: 4 Range: 810 - 9999 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
810		1129	0.2%
820		26	0%
830		4	0%
840		540	0.1%
850		804	0.2%
1110		102	0%
1111		1	0%
1120		141	0%
1129		2	0%
1130		42	0%
1131		1	0%
1141		5	0%
1142		23	0%
1143		4	0%
1190		7	0%
1210		1601	0.3%
1211		1	0%
1213		1	0%
1220		2	0%
1221		92	0%
1222		392	0.1%
1223		84	0%
1224		235	0%
1225		57	0%
1226		203	0%
1227		146	0%
1228		15	0%
1229		378	0.1%
1231		454	0.1%
1232		124	0%
1233		181	0%
1234		32	0%
1235		61	0%
1236		38	0%
1237		71	0%

1239		31	0%
1290		27	0%
1311		409	0.1%
1312		383	0.1%
1313		199	0%
1314		3629	0.7%
1315		319	0.1%
1316		872	0.2%
1317		860	0.2%
1318		19	0%
1340		1	0%
1390		138	0%
1436		1	0%
1500		55	0%
2111		5	0%
2112		12	0%
2113		19	0%
2114		38	0%
2121		16	0%
2122		12	0%
2131		99	0%
2132		233	0%
2139		42	0%
2141		122	0%
2142		150	0%
2143		107	0%
2144		37	0%
2145		138	0%
2146		31	0%
2147		62	0%
2148		75	0%
2149		73	0%
2159		50	0%
2190		1	0%
2210		10	0%
2211		9	0%
2212		29	0%
2213		24	0%
2220		4	0%

2221		483	0.1%
2222		74	0%
2223		11	0%
2224		102	0%
2230		542	0.1%
2310		1038	0.2%
2320		1590	0.3%
2321		1	0%
2330		3	0%
2331		1143	0.2%
2332		63	0%
2340		23	0%
2351		39	0%
2352		32	0%
2390		589	0.1%
2395		1	0%
2411		677	0.1%
2412		389	0.1%
2419		212	0%
2421		375	0.1%
2422		41	0%
2429		50	0%
2431		6	0%
2432		69	0%
2440		2	0%
2441		15	0%
2442		4	0%
2443		2	0%
2444		46	0%
2445		34	0%
2446		146	0%
2449		4	0%
2451		123	0%
2452		75	0%
2453		33	0%
2454		7	0%
2455		16	0%
2460		292	0.1%
2490		6	0%

2930		1	0%
3020		1	0%
3111		243	0%
3112		276	0.1%
3113		214	0%
3114		546	0.1%
3115		275	0.1%
3116		54	0%
3117		86	0%
3118		135	0%
3119		52	0%
3121		375	0.1%
3122		190	0%
3123		71	0%
3131		195	0%
3132		100	0%
3133		40	0%
3137		1	0%
3139		2	0%
3141		11	0%
3142		18	0%
3143		33	0%
3144		11	0%
3145		3	0%
3149		3	0%
3151		30	0%
3152		784	0.2%
3153		1	0%
3163		1	0%
3169		1	0%
3190		5	0%
3210		1	0%
3211		50	0%
3212		31	0%
3213		35	0%
3220		8	0%
3221		119	0%
3222		4	0%
3223		28	0%

3224		16	0%
3225		70	0%
3226		91	0%
3227		37	0%
3228		114	0%
3229		45	0%
3230		2	0%
3231		2787	0.5%
3232		18	0%
3241		680	0.1%
3242		27	0%
3243		87	0%
3275		1	0%
3290		3	0%
3291		15	0%
3300		2	0%
3310		4125	0.8%
3312		1	0%
3320		712	0.1%
3325		1	0%
3330		37	0%
3340		60	0%
3390		1917	0.4%
3391		402	0.1%
3400		1	0%
3411		72	0%
3412		610	0.1%
3413		241	0%
3414		55	0%
3415		813	0.2%
3416		642	0.1%
3417		61	0%
3419		193	0%
3420		24	0%
3421		22	0%
3422		11	0%
3423		137	0%
3429		339	0.1%
3430		1	0%

3431		133	0%
3432		294	0.1%
3433		739	0.1%
3434		31	0%
3439		54	0%
3441		8	0%
3442		12	0%
3443		7	0%
3444		32	0%
3445		1	0%
3449		59	0%
3450		291	0.1%
3451		1	0%
3460		149	0%
3471		381	0.1%
3472		53	0%
3473		35	0%
3474		15	0%
3475		125	0%
3479		21	0%
3480		167	0%
3490		7	0%
3491		1	0%
3500		288	0.1%
3520		1	0%
4090		1	0%
4111		430	0.1%
4112		67	0%
4113		414	0.1%
4114		42	0%
4115		1809	0.4%
4121		2470	0.5%
4122		890	0.2%
4131		1954	0.4%
4132		161	0%
4133		406	0.1%
4137		2	0%
4141		3137	0.6%
4142		289	0.1%

4143		50	0%
4144		23	0%
4172		1	0%
4175		1	0%
4190		766	0.1%
4191		1	0%
4196		1	0%
4197		1	0%
4211		3492	0.7%
4212		653	0.1%
4213		48	0%
4214		40	0%
4215		109	0%
4220		1	0%
4221		286	0.1%
4222		1866	0.4%
4223		238	0%
4271		1	0%
4290		300	0.1%
4333		1	0%
4433		1	0%
4719		1	0%
4721		1	0%
5111		47	0%
5112		104	0%
5113		49	0%
5121		144	0%
5122		2150	0.4%
5123		1392	0.3%
5124		1508	0.3%
5125		219	0%
5126		307	0.1%
5131		948	0.2%
5132		594	0.1%
5133		93	0%
5139		28	0%
5141		964	0.2%
5142		12	0%
5143		61	0%

5147		1	0%
5149		29	0%
5151		1	0%
5152		3	0%
5160		1	0%
5161		123	0%
5162		1968	0.4%
5163		508	0.1%
5167		1	0%
5169		4709	0.9%
5190		11	0%
5200		2	0%
5210		13	0%
5211		2	0%
5213		1	0%
5220		7156	1.4%
5222		1	0%
5226		1	0%
5230		810	0.2%
5231		2034	0.4%
5291		9	0%
5300		576	0.1%
5321		1	0%
5324		1	0%
5520		1	0%
5699		1	0%
5700		1	0%
5722		1	0%
5725		1	0%
5731		1	0%
5762		2	0%
5769		2	0%
5820		1	0%
6111		734	0.1%
6112		440	0.1%
6113		4790	0.9%
6114		25	0%
6121		967	0.2%
6122		114	0%

6123		5	0%
6124		5	0%
6129		102	0%
6130		208	0%
6141		596	0.1%
6142		6	0%
6151		24	0%
6152		112	0%
6153		53	0%
6154		19	0%
6156		1	0%
6162		1	0%
6190		12	0%
6210		7839	1.5%
6713		1	0%
6840		1	0%
7111		2661	0.5%
7112		117	0%
7113		84	0%
7120		2	0%
7121		550	0.1%
7122		2826	0.5%
7123		188	0%
7124		1475	0.3%
7129		925	0.2%
7131		187	0%
7132		304	0.1%
7133		319	0.1%
7134		26	0%
7135		82	0%
7136		1456	0.3%
7137		1856	0.4%
7141		1204	0.2%
7142		268	0.1%
7143		64	0%
7151		1	0%
7190		13	0%
7200		1	0%
7211		45	0%

7212		1606	0.3%
7213		643	0.1%
7214		129	0%
7215		49	0%
7216		3	0%
7219		2	0%
7221		121	0%
7222		97	0%
7223		129	0%
7224		72	0%
7230		6	0%
7231		3277	0.6%
7232		46	0%
7233		1001	0.2%
7240		1	0%
7241		471	0.1%
7242		39	0%
7243		233	0%
7244		186	0%
7245		140	0%
7290		21	0%
7311		40	0%
7312		9	0%
7313		109	0%
7321		91	0%
7322		118	0%
7323		2	0%
7324		132	0%
7331		405	0.1%
7332		26	0%
7341		247	0%
7342		2	0%
7343		28	0%
7344		43	0%
7345		30	0%
7346		31	0%
7383		1	0%
7390		8	0%
7400		1	0%

7411		668	0.1%
7412		910	0.2%
7413		29	0%
7414		28	0%
7415		21	0%
7416		14	0%
7419		10	0%
7421		33	0%
7422		144	0%
7423		29	0%
7424		130	0%
7426		1	0%
7430		1	0%
7431		20	0%
7432		350	0.1%
7433		1246	0.2%
7434		21	0%
7435		133	0%
7436		925	0.2%
7437		211	0%
7441		27	0%
7442		421	0.1%
7472		1	0%
7490		20	0%
7491		1	0%
7492		1	0%
7721		1	0%
7742		1	0%
8111		944	0.2%
8112		263	0.1%
8113		25	0%
8121		22	0%
8122		51	0%
8123		11	0%
8124		6	0%
8130		1	0%
8131		91	0%
8139		24	0%
8141		289	0.1%

8142		8	0%
8143		46	0%
8151		183	0%
8152		38	0%
8153		12	0%
8154		6	0%
8155		18	0%
8159		39	0%
8161		65	0%
8162		33	0%
8163		222	0%
8171		8	0%
8172		8	0%
8177		1	0%
8190		35	0%
8200		3	0%
8211		1085	0.2%
8212		90	0%
8220		1	0%
8221		39	0%
8222		27	0%
8223		53	0%
8224		63	0%
8229		20	0%
8231		223	0%
8232		308	0.1%
8233		2	0%
8234		2	0%
8236		1	0%
8240		140	0%
8251		200	0%
8252		9	0%
8253		130	0%
8260		1	0%
8261		210	0%
8262		364	0.1%
8263		1293	0.3%
8264		200	0%
8265		65	0%

8266		146	0%
8269		86	0%
8270		1	0%
8271		79	0%
8272		89	0%
8273		92	0%
8274		64	0%
8275		113	0%
8276		56	0%
8277		34	0%
8278		163	0%
8279		22	0%
8281		258	0.1%
8282		49	0%
8283		23	0%
8284		24	0%
8285		12	0%
8286		10	0%
8290		385	0.1%
8311		945	0.2%
8312		79	0%
8321		74	0%
8322		1921	0.4%
8323		507	0.1%
8324		4186	0.8%
8325		1514	0.3%
8331		2757	0.5%
8332		211	0%
8333		1860	0.4%
8334		442	0.1%
8340		37	0%
8372		1	0%
8384		1	0%
8390		615	0.1%
8410		1	0%
8424		1	0%
8429		1	0%
8888	8888. not applicable	282115	54.7%
9111		6483	1.3%

9112		2674	0.5%
9113		111	0%
9114		7	0%
9120		81	0%
9121		5	0%
9122		2	0%
9126		1	0%
9130		1	0%
9131		21926	4.3%
9132		6880	1.3%
9133		340	0.1%
9134		3	0%
9136		1	0%
9137		1	0%
9141		257	0%
9142		215	0%
9151		1245	0.2%
9152		240	0%
9153		68	0%
9157		2	0%
9161		316	0.1%
9162		620	0.1%
9163		9	0%
9164		101	0%
9169		1	0%
9190		57	0%
9193		1	0%
9211		16165	3.1%
9212		807	0.2%
9213		49	0%
9214		1	0%
9219		1	0%
9221		2	0%
9290		64	0%
9311		763	0.1%
9312		2013	0.4%
9313		1479	0.3%
9320		1	0%
9321		54	0%

9322		6432	1.2%
9323		2	0%
9324		2	0%
9331		34	0%
9332		36	0%
9333		744	0.1%
9339		1	0%
9342		1	0%
9355		1	0%
9362		1	0%
9390		1339	0.3%
9998		16	0%
9999	9999. unspecified	498	0.1%
Sysmiss		6932097	

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

Data file: palmsv4

#### **Overview**

Valid: 139155 Invalid: 7308405 Minimum: 0 Maximum: 934 Mean: 316.236 Standard deviation: 371.102  
Type: Continuous Decimal: 0 Width: 3 Range: 0 - 934 Format: Numeric

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

Data file: palmsv4

#### **Overview**

Valid: 3578203 Invalid: 3869357 Minimum: 850 Maximum: 9999 Mean: 8234.23 Standard deviation: 2500.376  
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: palmsv4

#### **Overview**

Valid: 2296941 Invalid: 5150619 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

### **Questions and instructions**

CATEGORIES

Value	Category	Cases	
0		941262	41%
1	1. yes	408263	17.8%
2	2. no	912216	39.7%
3	3. don't know	32121	1.4%
8	8. not applicable	0	0%
9	9. unspecified	3079	0.1%
Sysmiss		5150619	

### **PUBLICEMP: dummy: employed by govt/public enterprise, psisd,lfs+qlfs only**

Data file: palmsv4

#### **Overview**

Valid: 1702700 Invalid: 5744860 Minimum: 0 Maximum: 1 Mean: 0.179 Standard deviation: 0.383  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		1398382	82.1%
1		304318	17.9%
Sysmiss		5744860	

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

Data file: palmsv4

#### **Overview**

Valid: 177361 Invalid: 7270199 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1	1. central government	2439	1.4%
2	2. provincial government	6310	3.6%
3	3. local government	2201	1.2%
4	4. a government enterprise (transnet, telkom, etc)	2074	1.2%
5	5. a non-profit organisation (ngo, cbo, charity, embassy)	1026	0.6%

6	6. a private business or self-employed	44741	25.2%
7	7. don	590	0.3%
8	8. not applicable	116666	65.8%
9	9. unspecified	1314	0.7%
Sysmiss		7270199	

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

Data file: palmsv4

### Overview

Valid: 935220 Invalid: 6512340 Minimum: 1 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. central government	7824	0.8%
2	2. provincial government	32101	3.4%
3	3. local government	10187	1.1%
4	4. a government enterprise (transnet, telkom, etc.)	6587	0.7%
5	5. a club, community organisation, welfare organisation, ngo,	3402	0.4%
6	6. a co-operative, self-help association, labour union, prof	5330	0.6%
7	7. a private business or a private household	226266	24.2%
8	8. self-employed	50252	5.4%
9	9. don	576	0.1%
88	88. not applicable	591875	63.3%
99	99. unspecified	820	0.1%
Sysmiss		6512340	

## BUSINESSTYPE3: type of business where person works (qlfs)

Data file: palmsv4

### Overview

Valid: 2858689 Invalid: 4588871 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. national/provincial/local government	210263	7.4%
2	2. government controlled business	24404	0.9%
3	3. a private enterprise	899816	31.5%
4	4. non-profit organisation (ngo/cbo)	16715	0.6%
5	5. a private household	131880	4.6%
6	6. do not know	2526	0.1%
8		1573061	55%
9		24	0%
Sysmiss		4588871	

## HRSLSTWK: hours worked in total in last 7 days

Data file: palmsv4

### Overview

Valid: 2007231 Invalid: 5440329 Minimum: 0 Maximum: 190  
 Type: Discrete Decimal: 2 Width: 6 Range: 0 - 999 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		185699	9.3%
0.5		1	0%
1		1774	0.1%
2		2145	0.1%
2.5		1	0%
2.69999980926514		1	0%
3		2198	0.1%
4		3050	0.2%
5		3738	0.2%
6		4360	0.2%
7		3919	0.2%
7.5		6	0%
8		10109	0.5%
9		4468	0.2%
9.39999961853027		1	0%
10		9649	0.5%
11		1189	0.1%

12		8313	0.4%
13		1069	0.1%
14		6904	0.3%
15		8356	0.4%
16		24303	1.2%
17		924	0%
17.5		1	0%
18		11229	0.6%
19		800	0%
20		17044	0.8%
21		7931	0.4%
22		1671	0.1%
22.5		1	0%
23		1069	0.1%
24		29824	1.5%
25		17339	0.9%
26		1592	0.1%
27		7864	0.4%
28		8277	0.4%
29		1448	0.1%
30		34928	1.7%
31		1058	0.1%
32		22137	1.1%
32.5		2	0%
33		2417	0.1%
34		2921	0.1%
35		72634	3.6%
36		20612	1%
37		3343	0.2%
37.5		9	0%
38		4939	0.2%
39		2391	0.1%
40		545896	27.2%
40.5		2	0%
41		3122	0.2%
41.5		1	0%
42		20995	1%
42.5		61	0%
43		4816	0.2%

44		12218	0.6%
45		269769	13.4%
46		16215	0.8%
47		4242	0.2%
47.5		4	0%
48		113877	5.7%
48.5		1	0%
49		11316	0.6%
50		97854	4.9%
51		8422	0.4%
52		8672	0.4%
52.5		1	0%
53		4214	0.2%
53.5		1	0%
54		26616	1.3%
54.5		1	0%
55		23335	1.2%
56		40255	2%
56.5		1	0%
57		3415	0.2%
57.5		2	0%
58		4442	0.2%
59		2447	0.1%
60		77045	3.8%
61		1790	0.1%
62		2435	0.1%
62.5		2	0%
63		16791	0.8%
64		3267	0.2%
65		5759	0.3%
66		7164	0.4%
66.5		1	0%
67		1077	0.1%
68		2399	0.1%
68.5		1	0%
69		828	0%
70		33968	1.7%
71		653	0%
72		16623	0.8%

73		574	0%
74		1169	0.1%
75		1565	0.1%
76		922	0%
77		7906	0.4%
78		1980	0.1%
79		273	0%
80		2697	0.1%
81		466	0%
82		787	0%
83		229	0%
84		26072	1.3%
85		617	0%
86		307	0%
87		188	0%
88		434	0%
89		200	0%
90		1639	0.1%
91		3482	0.2%
92		225	0%
93		94	0%
94		336	0%
95		215	0%
96		558	0%
97		86	0%
98		2759	0.1%
99		271	0%
100		227	0%
101		41	0%
102		120	0%
103		35	0%
104		59	0%
105		1374	0.1%
106		54	0%
107		27	0%
108		101	0%
109		15	0%
110		53	0%
111		11	0%

112		528	0%
113		4	0%
114		30	0%
115		27	0%
116		11	0%
117		5	0%
118		14	0%
119		120	0%
120		163	0%
121		6	0%
122		2	0%
123		2	0%
124		3	0%
125		50	0%
126		92	0%
127		4	0%
128		2	0%
129		2	0%
130		8	0%
132		5	0%
133		26	0%
134		6	0%
135		5	0%
136		3	0%
137		1	0%
138		2	0%
140		62	0%
142		1	0%
143		2	0%
144		33	0%
145		3	0%
147		3	0%
148		5	0%
150		11	0%
151		3	0%
152		3	0%
154		7	0%
155		1	0%
157		1	0%

160		18	0%
161		1	0%
162		4	0%
163		1	0%
164		2	0%
165		4	0%
166		1	0%
168		99	0%
170		1	0%
178		1	0%
190		1	0%
888	888. not applicable	0	0%
999	999. unspecified	0	0%
Sysmiss		5440329	

## JOBCONTRACT2: contract is written or verbal?

Data file: palmsv4

### Overview

Valid: 2736553 Invalid: 4711007 Minimum: 1 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. not applicable	0	0%
1	1. a written contract	856280	31.3%
2	2. a verbal agreement	225227	8.2%
8		1655046	60.5%
Sysmiss		4711007	

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

Data file: palmsv4

### Overview

Valid: 1493117 Invalid: 5954443 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	804678	53.9%
2	2. no	665734	44.6%
3	3. don't know	22705	1.5%
Sysmiss		5954443	

### JOB SAT: satisfied with current job?

Data file: palmsv4

#### Overview

Valid: 544206 Invalid: 6903354 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	396895	72.9%
2	2. no	147290	27.1%
9		21	0%
Sysmiss		6903354	

### JOB PERMANENT: job is permanent or limited duration (lfs only)

Data file: palmsv4

#### Overview

Valid: 1032691 Invalid: 6414869 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. permanent	222890	21.6%
2	2. a fixed period contract	12966	1.3%
3	3. temporary	39452	3.8%
4	4. casual	23450	2.3%

5	5. seasonal	4536	0.4%
6	6. don	1239	0.1%
8	8. not applicable	726892	70.4%
9	9. unspecified	1266	0.1%
Sysmiss		6414869	

### SUPODDJOBS: supported by odd jobs for last 7 days? (lfs+qlfs)

Data file: palmsv4

#### Overview

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	617	0%
2	2. no	2951464	64.9%
8	8. not applicable	359223	7.9%
9	9. unspecified	57769	1.3%
Sysmiss		2896395	

### SUPHHPERSONS: supported by persons in the household? (lfs+qlfs)

Data file: palmsv4

#### Overview

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1182090	26%
1	1. yes	2115263	46.5%
2	2. no	850071	18.7%
3		13388	0.3%
4		90	0%

8	8. not applicable	332936	7.3%
9	9. unspecified	57327	1.3%
Sysmiss		2896395	

### SUPOTHPERSONS: supported by persons not in the household? (lfs+qlfs)

Data file: palmsv4

#### Overview

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	551873	12.1%
2	2. no	2400126	52.7%
8	8. not applicable	413365	9.1%
9	9. unspecified	3709	0.1%
Sysmiss		2896395	

### SUPCHARITY: supported by charity, church, welfare? (lfs+qlfs)

Data file: palmsv4

#### Overview

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	15793	0.3%
2	2. no	2936113	64.5%
8	8. not applicable	359223	7.9%
9	9. unspecified	57944	1.3%
Sysmiss		2896395	

**SUPUIF: supported by unemployment insurance fund (uif)? (lfs+qlfs)**

Data file: palmsv4

**Overview**

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	14113	0.3%
2	2. no	2937756	64.5%
8	8. not applicable	359223	7.9%
9	9. unspecified	57981	1.3%
Sysmiss		2896395	

**SUPSAVINGS: supported by savings or money previously earned? (lfs+qlfs)**

Data file: palmsv4

**Overview**

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	118715	2.6%
2	2. no	2833127	62.3%
8	8. not applicable	359223	7.9%
9	9. unspecified	58008	1.3%
Sysmiss		2896395	

**SUPPENSION: supported by old age or disability pension? (lfs+qlfs)**

Data file: palmsv4

**Overview**

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	621910	13.7%
2	2. no	2330059	51.2%
8	8. not applicable	359223	7.9%
9	9. unspecified	57881	1.3%
Sysmiss		2896395	

**SUPOTHER: other sources of support, e.g. bursary, study loan? (lfs+qlfs)**

Data file: palmsv4

**Overview**

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1182092	26%
1	1. yes	27410	0.6%
2	2. no	2924500	64.3%
8	8. not applicable	359223	7.9%
9	9. unspecified	57940	1.3%
Sysmiss		2896395	

**HHDISABLEGRANT: household member receives a disability grant**

Data file: palmsv4

**Overview**

Valid: 417569 Invalid: 7029991 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	35114	8.4%
2	2. no	382016	91.5%
9	9. unspecified	439	0.1%
Sysmiss		7029991	

**SEARCHLENGTH: period trying to find work or start a business (consistent coding for all waves)**

Data file: palmsv4

### Overview

Valid: 1104321 Invalid: 6343239 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. less than a month	13283	1.2%
2	2. 1 month to less than 6 months	28817	2.6%
3	3. 6 months to less than 1 year	17695	1.6%
4	4. 1 year to less than 3 years	39395	3.6%
5	5. 3 years or more	57224	5.2%
6	6. don	637	0.1%
8	8. not applicable	911755	82.6%
9	9. unspecified	35515	3.2%
Sysmiss		6343239	

**EVERWORKED: ever worked before? (lfs+qlfs)**

Data file: palmsv4

### Overview

Valid: 4551165 Invalid: 2896395 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

## Questions and instructions

## CATEGORIES

Value	Category	Cases	
0		1182090	26%
1	1. yes	1291493	28.4%
2	2. no	1662093	36.5%
8	8. not applicable	413365	9.1%
9	9. unspecified	2124	0%
Sysmiss		2896395	

**WHENLASTJOB: time since you last worked (lfs)**

Data file: palmsv4

**Overview**

Valid: 1104321 Invalid: 6343239 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. 1 week - less than 1 month	4789	0.4%
2	2. 1 month - less than 6 months	25186	2.3%
3	3. 6 months - less than 1 year	14269	1.3%
4	4. 1 year - less than 2 years	20495	1.9%
5	5. 2 years - less than 3 years	19965	1.8%
6	6. 3 years or more	135944	12.3%
7	7. don't know	1692	0.2%
8	8. not applicable	865853	78.4%
9	9. unspecified	16128	1.5%
Sysmiss		6343239	

**INDUSPREV\_LFS: industry of previous job, 3 digit code (lfs)**

Data file: palmsv4

**Overview**

Valid: 1104321 Invalid: 6343239 Minimum: 10 Maximum: 999  
 Type: Discrete Decimal: 0 Width: 4 Range: 10 - 9999 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
10		57583	5.2%
16		2	0%
20		191	0%
30		26	0%
40		3	0%
50		1	0%
60		4	0%
90		308	0%
110		14	0%
111		4687	0.4%
112		7582	0.7%
113		464	0%
114		4629	0.4%
115		2643	0.2%
116		1539	0.1%
117		256	0%
118		987	0.1%
120		11	0%
121		2586	0.2%
122		651	0.1%
123		33	0%
124		446	0%
125		826	0.1%
126		132	0%
127		32	0%
128		96	0%
129		55	0%
130		9	0%
140		8	0%
141		1945	0.2%
142		204	0%
150		1	0%
151		212	0%
152		74	0%
153		36	0%
160		1300	0.1%
170		1	0%

171		11	0%
172		28	0%
173		19	0%
174		8	0%
175		197	0%
176		68	0%
178		7	0%
180		1	0%
181		8	0%
182		7	0%
183		4	0%
190		327	0%
210		1363	0.1%
221		6	0%
230		4710	0.4%
240		19	0%
241		168	0%
242		1797	0.2%
250		3	0%
251		138	0%
252		845	0.1%
253		393	0%
290		23	0%
300		2	0%
301		2478	0.2%
302		581	0.1%
303		612	0.1%
304		2161	0.2%
305		941	0.1%
306		148	0%
310		29	0%
311		782	0.1%
312		1039	0.1%
313		603	0.1%
314		5023	0.5%
315		23	0%
316		209	0%
317		949	0.1%
320		2	0%

321		362	0%
322		990	0.1%
323		713	0.1%
324		243	0%
325		693	0.1%
326		6	0%
330		3	0%
331		60	0%
332		496	0%
333		18	0%
334		273	0%
335		1038	0.1%
336		7	0%
337		382	0%
338		896	0.1%
341		372	0%
342		1639	0.1%
350		2	0%
351		1881	0.2%
352		325	0%
353		232	0%
354		967	0.1%
355		1319	0.1%
356		230	0%
357		478	0%
358		434	0%
359		70	0%
360		6	0%
361		34	0%
362		63	0%
363		143	0%
364		91	0%
365		80	0%
366		152	0%
370		11	0%
371		35	0%
372		94	0%
373		91	0%
374		85	0%

375		18	0%
376		4	0%
380		2	0%
381		669	0.1%
382		98	0%
383		612	0.1%
384		72	0%
385		32	0%
386		15	0%
387		36	0%
390		4	0%
391		924	0.1%
392		407	0%
395		155	0%
410		18	0%
411		1084	0.1%
412		25	0%
413		13	0%
420		444	0%
500		1	0%
501		18	0%
502		12339	1.1%
503		1701	0.2%
504		1732	0.2%
505		7	0%
610		6	0%
611		248	0%
612		1093	0.1%
613		212	0%
614		421	0%
615		52	0%
619		128	0%
621		6262	0.6%
622		4144	0.4%
623		9012	0.8%
624		28	0%
625		2598	0.2%
626		588	0.1%
630		1	0%

631		549	0%
632		1924	0.2%
633		474	0%
634		23	0%
635		1636	0.1%
640		9	0%
641		2860	0.3%
642		4826	0.4%
643		298	0%
710		2	0%
711		2789	0.3%
712		3372	0.3%
713		10	0%
720		10	0%
721		154	0%
722		18	0%
730		225	0%
741		614	0.1%
750		18	0%
751		764	0.1%
752		1253	0.1%
810		4	0%
811		1708	0.2%
818		170	0%
819		250	0%
821		973	0.1%
831		55	0%
832		5	0%
841		337	0%
842		67	0%
851		37	0%
852		35	0%
853		44	0%
860		4	0%
861		26	0%
862		93	0%
863		21	0%
864		14	0%
865		29	0%

869		38	0%
871		181	0%
872		4	0%
881		886	0.1%
882		392	0%
883		201	0%
888	888. not applicable	865853	78.4%
889		5553	0.5%
910		4	0%
911		1881	0.2%
912		18	0%
913		3083	0.3%
914		223	0%
915		925	0.1%
916		1069	0.1%
917		288	0%
920		7589	0.7%
930		24	0%
931		5577	0.5%
932		71	0%
933		1924	0.2%
940		884	0.1%
950		1	0%
951		75	0%
952		22	0%
959		365	0%
960		4	0%
961		252	0%
962		88	0%
963		400	0%
964		678	0.1%
990		1789	0.2%
999	999. unspecified	2733	0.2%
8888	8888. not applicable	0	0%
9999	9999. unspecified	0	0%
Sysmiss		6343239	

**INDPREV\_QLFS: previous industry in qlfs, 3 digit code****Data file: palmsv4****Overview**

Valid: 2340145 Invalid: 5107415 Minimum: 0 Maximum: 999  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	1940563	82.9%
10	private households with employed persons	54169	2.3%
20	extraterritorial organisations	21	0%
30	representatives of foreign governments	61	0%
45		1	0%
60	not elsewhere classified	0	0%
90	other activities not adequately defined	0	0%
110	110. agriculture, hunting, forestry and fishing	49	0%
111	111. growing of crops	21533	0.9%
112	112. farming of animals	3899	0.2%
113	113. growing of crops combined with farming of animals(mixed	2194	0.1%
114	114. agricultural and animal husbandry services, except vete	297	0%
115	115. game hunting, trapping and game propagation, including	96	0%
116	116. production of organic fertilizer	58	0%
120	120. forestry, logging and related services	0	0%
121	121. forestry and related services	1791	0.1%
122	122. logging and related services	384	0%
130	130. fishing, operational of fish hatcheries and fish farms	0	0%
131	131. ocean and coastal fishing	208	0%
132	132. fish hatcheries and fish farms	83	0%
210	210. mining of coal and lignite	1136	0%
221	221. extraction of crude petroleum and natural gas; service	1	0%
230	230. mining of gold and uranium ore	2080	0.1%
240	240. mining of metal ores	6	0%
241	241. mining of iron ore	252	0%
242	242. mining of non-ferrous metal ores	2255	0.1%
250	250. other mining and quarrying	0	0%
251	251. stone quarrying, clay and sandpits	141	0%
252	252. mining of diamonds (including alluvial diamonds)	753	0%
253	253. mining and quarrying n.e.c.	610	0%

290	290. service activities incidental to mining of minerals	3	0%
300	300. manufacture of food products, beverages and tobacco pro	0	0%
301	301. production, processing and preservation of meat, fish,	3398	0.1%
302	302. manufacture of dairy products	824	0%
303	303. manufacture of grain mill products, starches and starch	644	0%
304	304. manufacture of other food products	3706	0.2%
305	305. manufacture of beverages	1863	0.1%
306	306. manufacture of tobacco products	65	0%
310	310. manufacture of textiles, clothing and leather goods	0	0%
311	311. spinning, weaving and finishing of textiles	423	0%
312	312. manufacture of other textiles	1229	0.1%
313	313. manufacture of knitted and crocheted fabrics and articl	350	0%
314	314. manufacture of wearing apparel, except fur apparel	4994	0.2%
315	315. dressing and dyeing of fur; manufacture of articles of	0	0%
316	316. tanning and dressing of leather; manufacture of luggage	261	0%
317	317. manufacture of footwear	539	0%
320	320. manufacture of wood and of products of wood and cork, e	0	0%
321	321. sawmilling and planing of wood	513	0%
322	322. manufacture of products of wood, cork, straw and plaiti	1469	0.1%
323	323. manufacture of paper and paper products	999	0%
324	324. publishing	289	0%
325	325. printing and service activities related to printing	1283	0.1%
326	326. reproduction of recorded media	2	0%
330	330. manufacture of coke, refined petroleum products and nuc	0	0%
331	331. manufacture of coke oven products	79	0%
332	332. petroleum refineries / synthesisers	828	0%
333	333. processing of nuclear fuel	6	0%
334	334. manufacture of basic chemicals	296	0%
335	335. manufacture of other chemical products	1624	0.1%
336	336. manufacture of manmade fibers	3	0%
337	337. manufacture of rubber products	457	0%
338	338. manufacture of plastic products	1334	0.1%
340	340. manufacture of other non-metallic mineral products	0	0%
341	341. manufacture of glass and glass products	416	0%
342	342. manufacture of non-metallic mineral products n.e.c.	2601	0.1%
350	350. manufacture of basic metals, fabricated metal products	0	0%
351	351. manufacture of basic iron and steel	1803	0.1%
352	352. manufacture of basic precious and non-ferrous metals	388	0%
353	353. casting of metals	139	0%

354	354. manufacture of structural metal products, tanks, reserv	1838	0.1%
355	355. manufacture of other fabricated metal products; metalwo	1805	0.1%
356	356. manufacture of general purpose machinery	425	0%
357	357. manufacture of special purpose machinery	612	0%
358	358. manufacture of household appliances n.e.c.	397	0%
359	359. manufacture of office, accounting and computing machine	93	0%
360	360. manufacture of electrical machinery and apparatus n.e.c	0	0%
361	361. manufacture of electric motors, generators and transfor	79	0%
362	362. manufacture of electricity distribution and control app	38	0%
363	363. manufacture of insulated wire and cable	90	0%
364	364. manufacture of accumulators, primary cells and primary	61	0%
365	365. manufacture of electric lamps and lighting equipment	109	0%
366	366. manufacture of other electrical equipment n.e.c.	86	0%
370	370. manufacture of radio, television and communication equi	0	0%
371	371. manufacture of electronic valves and tubes and other el	58	0%
372	372. manufacture of television and radio transmitters and ap	37	0%
373	373. manufacture of television and radio receivers, sound or	57	0%
374	374. manufacture of medical appliances and instruments and a	199	0%
375	375. manufacture of optical instruments and photographic equ	15	0%
376	376. manufacture of watches and clocks	4	0%
380	380. manufacture of transport equipment	0	0%
381	381. manufacture of motor vehicles	721	0%
382	382. manufacture of bodies (coachwork) for motor vehicles;	167	0%
383	383. manufacture of parts and accessories for motor vehicles	1045	0%
384	384. building and repairing of ships and boats	119	0%
385	385. manufacture of railway and tramway locomotives and roll	49	0%
386	386. manufacture of aircraft and spacecraft	47	0%
387	387. manufacture of transport equipment n.e.c.	33	0%
390	390. manufacture of furniture; manufacturing n.e.c.; recycl	0	0%
391	391. manufacture of furniture	1108	0%
392	392. manufacturing n.e.c...	634	0%
395	395. recycling n.e.c.	753	0%
410	410. electricity, gas, steam and hot water supply	0	0%
411	411. production, collection and distribution of electricity	1463	0.1%
412	412. manufacture of gas; distribution of gaseous fuels throu	75	0%
413	413. steam and hot water supply	3	0%
420	420. collection, purification and distribution of water	735	0%
500	500. construction	0	0%
501	501. site preparation	106	0%

502	502. building of complete constructions or parts thereof; ci	41734	1.8%
503	503. building installation	6656	0.3%
504	504. building completion	5926	0.3%
505	505. renting of construction of demolition equipment with op	9	0%
610	610. wholesale and commission trade, except of motor vehicle	0	0%
611	611. wholesale trade on a fee or contract basis	742	0%
612	612. wholesale trade in agricultural raw materials, livestoc	1420	0.1%
613	613. wholesale trade in house-hold goods	261	0%
614	614. wholesale trade in non-agricultural intermediate produc	1169	0%
615	615. wholesale trade in machinery, equipment and supplies	121	0%
619	619. other wholesale trade	28	0%
620	620. retail trade, except of motor vehicles and motor cycles	0	0%
621	621. non-specialised retail trade in stores	16784	0.7%
622	622. retail trade in food, beverages and tobacco in speciali	5839	0.2%
623	623. other retail trade in new goods in specialised stores	17088	0.7%
624	624. retail trade in second-hand goods in stores	118	0%
625	625. retail trade not in stores	13360	0.6%
626	626. repair of personal and household goods	918	0%
630	630. sale, maintenance and repair of motor vehicles and mot	0	0%
631	631. sale of motor vehicles	1149	0%
632	632. maintenance and re-pair of motor vehicles	3317	0.1%
633	633. sale of motor vehicle parts and accessories	862	0%
634	634. sale, maintenance and repair of motor cycles and relat	42	0%
635	635. retail sale of automotive fuel	3075	0.1%
640	640. hotels and restaurants	0	0%
641	641. hotels, camping sites and other provision of short stay	4720	0.2%
642	642. restaurants, bars and canteens	14547	0.6%
643	643. shebeen	961	0%
710	710. land transport; transport via pipelines	0	0%
711	711. railway transport	1193	0.1%
712	712. other land transport	10292	0.4%
713	713. transport via pipelines	0	0%
720	720. water transport	0	0%
721	721. sea and coastal water transport	67	0%
722	722. inland water transport	3	0%
730	730. air transport	447	0%
741	741. supporting and auxiliary transport activities; activiti	1781	0.1%
750	750. post and telecommunication	0	0%
751	751. postal and related courier activities	1178	0.1%

752	752. telecommunication	1968	0.1%
810	810. financial intermediation, except insurance and pension	0	0%
811	811. monetary intermediation	1788	0.1%
818	818. cash loans	487	0%
819	819. other financial intermediation n.e.c.	943	0%
821	821. insurance and pension funding, except compulsory social	1897	0.1%
830	830. activities auxiliary to financial intermediation	0	0%
831	831. activities auxiliary to financial intermediation, excep	154	0%
832	832. activities auxiliary to insurance and pension funding	3	0%
840	840. real estate activities	0	0%
841	841. real estate activities with own or leased property	423	0%
842	842. real estate activities on a fee or contract basis	338	0%
850	850. renting of machinery and equipment, without operator a	0	0%
851	851. renting of transport equipment	261	0%
852	852. renting of other machinery and equipment	271	0%
853	853. renting of personal and household goods n.e.c.	263	0%
860	860. computer and related activities	0	0%
861	861. hardware consultancy	7	0%
862	862. software consultancy and supply	541	0%
863	863. data processing	85	0%
864	864. data base activities	66	0%
865	865. maintenance and repair of office, accounting and comput	142	0%
869	869. other computer related activities	105	0%
870	870. research and development	0	0%
871	871. research and experimental development on natural scienc	349	0%
872	872. research and experimental develop-ment on social scienc	0	0%
880	880. other business activities	0	0%
881	881. legal, accounting, bookkeeping and auditing activities;	1767	0.1%
882	882. architectural, engineering and other technical activiti	2660	0.1%
883	883. advertising	1435	0.1%
889	889. business activities n.e.c.	28286	1.2%
910	910. public administration and defence activities	0	0%
911	911. central government activities	4956	0.2%
912	912. regional services council activities	0	0%
913	913. local authority activities	6331	0.3%
914	914. provincial administrations	84	0%
915	915. s a defense force	687	0%
916	916. s a police service	1226	0.1%
917	917. correctional service	339	0%

920	920. education	17541	0.7%
930	930. health and social work	0	0%
931	931. human health activities	7749	0.3%
932	932. veterinary activities	160	0%
933	933. social work activities	6518	0.3%
940	940. other community, social and personal service activities	5981	0.3%
950	950. activities of membership organisations n.e.c.	0	0%
951	951. activities of business, employers and professional orga	199	0%
952	952. activities of trade unions	99	0%
959	959. activities of other member-ship organizations	561	0%
960	960. recreational, cultural and sporting activities	0	0%
961	961. motion picture, radio, television and other entertainme	721	0%
962	962. news agency activities	262	0%
963	963. library, archives, museums and other cultural activitie	757	0%
964	964. sporting and other recreational activities	1668	0.1%
988	988. begging	0	0%
990	990. other service activities	5606	0.2%
999	999. unspecified	124	0%
Sysmiss		5107415	

## PREVINDCODE: industry of previous job, 1 digit code (lfs and qlfs)

Data file: palmsv4

### Overview

Valid: 2340151 Invalid: 5107409 Minimum: 0 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 11 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1948422	83.3%
1	1. agriculture, hunting and forestry	29815	1.3%
2	2. mining	7108	0.3%
3	3. manufacturing	42552	1.8%
4	4. electricity, gas and water	2233	0.1%
5	5. construction	53637	2.3%
6	6. wholesale and retail trade	84606	3.6%
7	7. transport, storage and communication	16670	0.7%

8	8. finance and business services	41787	1.8%
9	9. community, social and personal services	60580	2.6%
10	10. private households	52521	2.2%
11	11. other	220	0%
Sysmiss		5107409	

## JOBPERMANENT2: job is permanent or limited duration (qlfs only)

Data file: palmsv4

### Overview

Valid: 2736553 Invalid: 4711007 Minimum: 0 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. not applicable (not employed)	1655046	60.5%
1	1. limited duration	153167	5.6%
2	2. permanent nature	660489	24.1%
3	3. unspecified (mostly self-employed?)	267851	9.8%
Sysmiss		4711007	

## REASONSTOPWORK: main reason you stopped work

Data file: palmsv4

### Overview

Valid: 2340151 Invalid: 5107409 Minimum: 0 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1940552	82.9%
1	1. health reason	30460	1.3%
2	2. caring for own children/relatives	8322	0.4%
3	3. pregnancy	9740	0.4%
4	4. other family/community responsibilities	4827	0.2%
5	5. going to school	6788	0.3%

6	6. lost job/job ended/laid off/business sold/closed down	276225	11.8%
7	7. changed residence	4381	0.2%
8	8. dissatisfied with the job	23079	1%
9	9. retired/too old to work	24148	1%
10	10. other	11567	0.5%
99		62	0%
Sysmiss		5107409	

## SEARCHLENGTHQLFS: how long have you been searching? (qlfs)

Data file: palmsv4

### Overview

Valid: 2414546 Invalid: 5033014 Minimum: 0 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1927006	79.8%
1	1. less than 3 months	60260	2.5%
2	2. 3 months - less than 6 months	35876	1.5%
3	3. 6 months - less than 9 months	27456	1.1%
4	4. 9 months - less than 1 year	31089	1.3%
5	5. 1 year - less than 3 years	110088	4.6%
6	6. 3 years - 5 years	68604	2.8%
7	7. more than 5 years	152809	6.3%
8	8. do not know	1357	0.1%
99		1	0%
Sysmiss		5033014	

## WHENLASTJOB\_QLFS: time since you last worked (qlfs)

Data file: palmsv4

### Overview

Valid: 2733815 Invalid: 4713745 Minimum: 0 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1678666	61.4%
1	1. less than 3 months	81258	3%
2	2. 3 months - less than 6 months	54300	2%
3	3. 6 months - less than 9 months	40214	1.5%
4	4. 9 months - less than 1 year	40018	1.5%
5	5. 1 year - less than 3 years	122853	4.5%
6	6. 3 years - 5 years	60334	2.2%
7	7. more than 5 years	655549	24%
8	8. do not know	613	0%
99		10	0%
Sysmiss		4713745	

### SUPOTHGRANT: supported by other grant? (qlfs only)

Data file: palmsv4

#### Overview

Valid: 3446844 Invalid: 4000716 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1182092	34.3%
1	1. yes	328648	9.5%
2	2. no	1936104	56.2%
Sysmiss		4000716	

### SUPCSG: supported by child support grant? (qlfs only)

Data file: palmsv4

#### Overview

Valid: 3446844 Invalid: 4000716 Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1182092	34.3%
1	1. yes	86377	2.5%
2	2. no	2178375	63.2%
Sysmiss		4000716	

## REGISTAX: business is registered for income tax (lfs and qlfs)

Data file: palmsv4

### Overview

Valid: 2220469 Invalid: 5227091 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	0. not applicable	2016349	90.8%
1	1. yes	56395	2.5%
2	2. no	146358	6.6%
3	3. do not know	1262	0.1%
9		105	0%
Sysmiss		5227091	

## HOURSMONDAY: hours worked on monday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		113522	4%
1		2549	0.1%

2		6030	0.2%
3		6812	0.2%
4		11400	0.4%
5		27916	1%
6		27608	1%
7		61364	2.1%
8		576714	20.2%
9		226165	7.9%
10		111176	3.9%
11		15987	0.6%
12		80937	2.8%
13		4400	0.2%
14		3432	0.1%
15		1951	0.1%
16		737	0%
17		197	0%
18		195	0%
19		54	0%
20		164	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

## HOURLY: hours worked on tuesday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		124513	4.4%
1		2507	0.1%
2		5888	0.2%
3		6360	0.2%

4		10985	0.4%
5		26361	0.9%
6		26388	0.9%
7		59646	2.1%
8		569847	20%
9		224634	7.9%
10		111566	3.9%
11		16110	0.6%
12		83501	2.9%
13		4393	0.2%
14		3404	0.1%
15		1916	0.1%
16		711	0%
17		193	0%
18		202	0%
19		46	0%
20		139	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

## HOURLSWEDNESDAY: hours worked on wednesday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		113211	4%
1		2699	0.1%
2		6015	0.2%
3		6667	0.2%
4		11346	0.4%
5		27383	1%

6		27385	1%
7		60813	2.1%
8		574769	20.1%
9		225370	7.9%
10		112545	3.9%
11		16071	0.6%
12		83976	2.9%
13		4354	0.2%
14		3457	0.1%
15		1914	0.1%
16		714	0%
17		213	0%
18		198	0%
19		57	0%
20		153	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

## HOURLYTHURSDAY: hours worked on thursday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		134732	4.7%
1		2566	0.1%
2		5683	0.2%
3		6231	0.2%
4		10826	0.4%
5		26053	0.9%
6		26042	0.9%
7		58864	2.1%

8		564654	19.8%
9		222762	7.8%
10		111086	3.9%
11		15917	0.6%
12		82976	2.9%
13		4320	0.2%
14		3405	0.1%
15		1907	0.1%
16		726	0%
17		201	0%
18		177	0%
19		51	0%
20		131	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

## HOURSFRIDAY: hours worked on friday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		139051	4.9%
1		2684	0.1%
2		5546	0.2%
3		6146	0.2%
4		11117	0.4%
5		28392	1%
6		28873	1%
7		60120	2.1%
8		566729	19.8%
9		220791	7.7%

10		110026	3.9%
11		15457	0.5%
12		73008	2.6%
13		4243	0.1%
14		3564	0.1%
15		2056	0.1%
16		837	0%
17		260	0%
18		225	0%
19		48	0%
20		137	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

## HOURLSATURDAY: hours worked on saturday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		867316	30.4%
1		2239	0.1%
2		4835	0.2%
3		6146	0.2%
4		14249	0.5%
5		75653	2.6%
6		35499	1.2%
7		16647	0.6%
8		96246	3.4%
9		37382	1.3%
10		53477	1.9%
11		8439	0.3%

12		52178	1.8%
13		3260	0.1%
14		2869	0.1%
15		1639	0.1%
16		690	0%
17		173	0%
18		179	0%
19		42	0%
20		152	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

## HOURLSSUNDAY: hours worked on sunday (qlfs)

Data file: palmsv4

### Overview

Valid: 2855135 Invalid: 4592425 Minimum: 0 Maximum: 888  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 888 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1096938	38.4%
1		2055	0.1%
2		3765	0.1%
3		3429	0.1%
4		6400	0.2%
5		17969	0.6%
6		11203	0.4%
7		6460	0.2%
8		36867	1.3%
9		15909	0.6%
10		28461	1%
11		5264	0.2%
12		38586	1.4%
13		2294	0.1%

14		1841	0.1%
15		1049	0%
16		433	0%
17		110	0%
18		103	0%
19		17	0%
20		157	0%
88	88. not applicable	1507432	52.8%
99		3	0%
888		68390	2.4%
Sysmiss		4592425	

### PREVOCCODE: occupation of previous job, 1 digit code (lfs and qlfs)

Data file: palmsv4

#### Overview

Valid: 2340151 Invalid: 5107409 Minimum: 0 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 11 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. not applicable	1948422	83.3%
1	1. legislators, senior officials and managers	9593	0.4%
2	2. professionals	8084	0.3%
3	3. technical and associate professionals	21462	0.9%
4	4. clerks	38217	1.6%
5	5. service workers and shop and market sales workers	60943	2.6%
6	6. skilled agricultural and fishery workers	1779	0.1%
7	7. craft and related trades workers	56421	2.4%
8	8. plant and machine operators and assemblers	26933	1.2%
9	9. elementary occupation	125639	5.4%
10	10. domestic workers	42389	1.8%
11		269	0%
Sysmiss		5107409	

**ENROLLMENT3: enrollment status: pslsd, ohs and ifs only****Data file: palmsv4****Overview**

Valid: 2332323 Invalid: 5115237 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. full-time	759035	32.5%
2	2. part-time	22927	1%
3	3. not enrolled	1546706	66.3%
9	9. unspecified	3655	0.2%
Sysmiss		5115237	

**EDUC\_INSTI\_QLFS: educational institution, qlfs 2012:3 onwards only****Data file: palmsv4****Overview**

Valid: 1530686 Invalid: 5916874 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	345603	22.6%
1	1. pre-school (including day care; cr	140293	9.2%
2	2. ordinary school (including grade r learners who attend a	947224	61.9%
3	3. special school	4434	0.3%
4	4. further education and training college (fet)	26300	1.7%
5	5. other college	16222	1.1%
6	6. higher education institution (university/university of te	46912	3.1%
7	7. adult basic education and training centre (abet centre)	2872	0.2%
8	8. literacy classes (e.g. kha ri gude; sanli)	127	0%
9	9. home based education/home schooling	699	0%
Sysmiss		5916874	

**URBRUR4: type of area, qlfs 2017:3 onwards****Data file:** palmsv4**Overview**

Valid: 1973114 Invalid: 5474446 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. urban	1205847	61.1%
2	2. traditional	702080	35.6%
3	3. farms	65187	3.3%
Sysmiss		5474446	

**PUBLICEMP2: public employment dummy that includes ohs, as well as psld,lfs+qlfs****Data file:** palmsv4**Overview**

Valid: 1787350 Invalid: 5660210 Minimum: 0 Maximum: 1 Mean: 0.179 Standard deviation: 0.384  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1467013	82.1%
1		320337	17.9%
Sysmiss		5660210	

**EARNINGS: consistent monthly earnings (rand amt) variable for palmsv2+****Data file:** palmsv4**Overview**

Valid: 375586 Invalid: 7071974 Minimum: 0 Maximum: 5281000 Mean: 2227.148 Standard deviation: 19714.303  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 5281000 Format: Numeric

**REALEARNINGS: consistent real monthly earnings (rand amt) variable for palmsv2+****Data file:** palmsv4

**Overview**

Valid: 375586 Invalid: 7071974 Minimum: 0 Maximum: 18279044 Mean: 8007.204 Standard deviation: 73650.139  
 Type: Continuous Decimal: 2 Width: 11 Range: 0 - 18279044 Format: Numeric

**OUTLIER: outlier flag based on regression+showing a studentised residual >=5****Data file: palmsv4****Overview**

Valid: 1022830 Invalid: 6424730 Minimum: 0 Maximum: 1 Mean: 0.00146 Standard deviation: 0.0382  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1021337	99.9%
1		1493	0.1%
Sysmiss		6424730	

**EMPLOYERALL: wage worker or self-employed - all waves****Data file: palmsv4****Overview**

Valid: 1844187 Invalid: 5603373 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. wage	1551110	84.1%
1	1. self employ	293077	15.9%
Sysmiss		5603373	

**BRACKETWEIGHT: weight corrects for bracket earnings resp, using statssa mype+ back projections****Data file: palmsv4****Overview**

Valid: 510602 Invalid: 6936958 Minimum: 0.872 Maximum: 62668.141 Mean: 722.022 Standard deviation: 870.963

Type: Continuous    Decimal: 2    Width: 8    Range: 0.87170946598053 - 62668.140625    Format: Numeric

**DC: district council/municipality****Data file: palmsv4****Overview**Valid: 760420    Invalid: 6687140    Minimum: 1    Maximum: 55  
Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 55    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. west coast	12031	1.6%
2	2. boland	15666	2.1%
3	3. overberg	16031	2.1%
4	4. eden	9939	1.3%
5	5. central karoo	10532	1.4%
6	6. namakwa	9482	1.2%
7	7. karoo	13018	1.7%
8	8. siyanda	14489	1.9%
9	9. frances baard	11019	1.4%
10	10. cacadu	13883	1.8%
12	12. amatole	13931	1.8%
13	13. chris hani	16868	2.2%
14	14. ukhahlamba	11107	1.5%
15	15. o.r.tambo	16682	2.2%
16	16. xhariep	11123	1.5%
17	17. motheo	9885	1.3%
18	18. lejweleputswa	11700	1.5%
19	19. thabo mofutsanyane	9567	1.3%
20	20. northern free state	10557	1.4%
21	21. ugu	20047	2.6%
22	22. umgungundlovu	18397	2.4%
23	23. uthukela	19438	2.6%
24	24. umzinyathi	19199	2.5%
25	25. amajuba	20988	2.8%
26	26. zululand	20118	2.6%
27	27. umkhanyakude	14206	1.9%
28	28. uthungulu	18151	2.4%

29	29. ilembe	20598	2.7%
30	30. gert sibande	20095	2.6%
31	31. nkangala	16337	2.1%
32	32. ehlanzeni	14297	1.9%
33	33. mopani	13722	1.8%
34	34. vhembe	13953	1.8%
35	35. capricorn	12502	1.6%
36	36. waterberg	15704	2.1%
37	37. bojanala	11678	1.5%
38	38. central	14925	2%
39	39. bophirima	11837	1.6%
40	40. southern	12275	1.6%
42	42. sedibeng	14845	2%
43	43. sisonke	17622	2.3%
44	44. alfred nzo	10747	1.4%
45	45. kgalagadi	10070	1.3%
46	46. metsweding	7726	1%
47	47. sekhukhune	15400	2%
48	48. bohlabela	8978	1.2%
49	49. west rand	9665	1.3%
50	50. city of cape town	16387	2.2%
51	51. ethekwini	18628	2.4%
52	52. ekurhuleni/east rand	14234	1.9%
53	53. city of johannesburg	19184	2.5%
54	54. nelson mandela bay	17618	2.3%
55	55. city of tshwane/pretoria	13339	1.8%
Sysmiss		6687140	

## DWELLTYPE: type of dwelling of household

Data file: palmsv4

### Overview

Valid: 1434662 Invalid: 6012898 Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases
-------	----------	-------

1	1. dwelling/house or brick structure on a separate stand or	932873	65%
2	2. traditional dwelling/hut/structure made of traditional ma	229510	16%
3	3. flat or apartment in a block of flats	37623	2.6%
4	4. town/cluster/semi-detached house (simplex, duplex or trip	43108	3%
5	5. informal dwelling/shack in backyard	30714	2.1%
6	6. informal dwelling/shack not in backyard	100901	7%
7	7. other (includes caravan, retirement village, room/flatlet	59933	4.2%
Sysmiss		6012898	

## WATERSOURCE: household's source of water

Data file: palmsv4

### Overview

Valid: 1226816 Invalid: 6220744 Minimum: 1 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. piped (tap) water in dwelling	452890	36.9%
2	2. piped (tap) water on site or in yard	304335	24.8%
3	3. public tap	195770	16%
4	4. water-carrier/tanker	13756	1.1%
5	5. borehole on site	22525	1.8%
6	6. borehole off site/communal	44454	3.6%
7	7. rain-water tank on site	10710	0.9%
8	8. flowing water/stream river	92155	7.5%
9	9. dam/pool/stagnant water	17898	1.5%
10	10. well	18303	1.5%
11	11. spring	36248	3%
12	12. other	17772	1.4%
Sysmiss		6220744	

## TOILETMAINTYPE: household's main toilet

Data file: palmsv4

### Overview

Valid: 904864 Invalid: 6542696 Minimum: 1 Maximum: 13  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 13 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. flush toilet in dwelling	299547	33.1%
2	2. flush toilet on site	135855	15%
3	3. flush toilet off-site	6277	0.7%
4	4. chemical toilet on-site	3667	0.4%
5	5. chemical toilet off-site	828	0.1%
6	6. pit latrine with ventilation pipe, on site	58328	6.4%
7	7. pit latrine with ventilation pipe, off site	5495	0.6%
8	8. pit latrine without ventilation pipe, on-site	234021	25.9%
9	9. pit latrine without ventilation pipe, off-site	21981	2.4%
10	10. bucket toilet on-site	34078	3.8%
11	11. bucket toilet off-site	3336	0.4%
12	12. other	3206	0.4%
13	13. none	98245	10.9%
Sysmiss		6542696	

## HHPENSION: household member receives an old age pension

Data file: palmsv4

### Overview

Valid: 417569 Invalid: 7029991 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	108346	25.9%
2	2. no	308836	74%
9	9. unspecified	387	0.1%
Sysmiss		7029991	

## HHCHILDSUPPGRANT: household member receives a child support grant

Data file: palmsv4

**Overview**

Valid: 417569 Invalid: 7029991 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. yes	83069	19.9%
2	2. no	334056	80%
9	9. unspecified	444	0.1%
Sysmiss		7029991	

**HHCAREDEPENDGRANT: household member receives a care dependency grant**

Data file: palmsv4

**Overview**

Valid: 318802 Invalid: 7128758 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. yes	1344	0.4%
2	2. no	317114	99.5%
9	9. unspecified	344	0.1%
Sysmiss		7128758	

**HHFOSTERCAREGRANT: household member receives a foster care grant**

Data file: palmsv4

**Overview**

Valid: 417569 Invalid: 7029991 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. yes	1774	0.4%

2	2. no	415341	99.5%
9	9. unspecified	454	0.1%
Sysmiss		7029991	

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

Data file: palmsv4

### Overview

Valid: 435705 Invalid: 7011855 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. yes	25989	6%
2	2. no	408607	93.8%
3	3. don't know	42	0%
9	9. unspecified	1067	0.2%
Sysmiss		7011855	

## INCDISABGRNT: indiv income past year from disability grant

Data file: palmsv4

### Overview

Valid: 432666 Invalid: 7014894 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	1. yes	4576	1.1%
2	2. no	426861	98.7%
3	3. don't know	32	0%
9	9. unspecified	1197	0.3%
Sysmiss		7014894	

**INCTSTMAINT: indiv income past year from state maintenance grant or child support grant****Data file:** palmsv4**Overview**

Valid: 434093 Invalid: 7013467 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. yes	2506	0.6%
2	2. no	430438	99.2%
3	3. don't know	27	0%
9	9. unspecified	1122	0.3%
Sysmiss		7013467	

**INCDEPGRNT: indiv income past year from care dependency (single care) grant****Data file:** palmsv4**Overview**

Valid: 434072 Invalid: 7013488 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. yes	212	0%
2	2. no	432658	99.7%
3	3. don't know	21	0%
9	9. unspecified	1181	0.3%
Sysmiss		7013488	

**INCFOSTCRGRNT: indiv income past year from foster care grant****Data file:** palmsv4**Overview**

Valid: 434057 Invalid: 7013503 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	201	0%
2	2. no	432659	99.7%
3	3. don't know	20	0%
9	9. unspecified	1177	0.3%
Sysmiss		7013503	

### ENROLLEDQLFS: enrolled in educational institution? qlfs 2012:3 onwards only

Data file: palmsv4

#### Overview

Valid: 3533347 Invalid: 3914213 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	1185083	33.5%
2	2. no	2348264	66.5%
Sysmiss		3914213	

### OCCUPATION\_PREV: occupation of previous job, 4 digit code, lfs 2000:1 to 2002:1

Data file: palmsv4

#### Overview

Valid: 315317 Invalid: 7132243 Minimum: 850 Maximum: 9999 Mean: 8568.473 Standard deviation:  
 1196.312  
 Type: Continuous Decimal: 0 Width: 4 Range: 850 - 9999 Format: Numeric

### OCCUPATION\_PREV2: occupation of previous job, 4 digit code, lfs 2002:2 onwards

Data file: palmsv4

#### Overview

Valid: 3129121 Invalid: 4318439 Minimum: 0 Maximum: 9999 Mean: 3066.38 Standard deviation: 4074.28  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

**EMPLOYEDPREFERRED: =1 if employed and not a self-employed agricultural worker****Data file:** palmsv4**Overview**

Valid: 1828743 Invalid: 5618817 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1828743	100%
Sysmiss		5618817	

**METRO: metro****Data file:** palmsv4**Overview**

Valid: 5075048 Invalid: 2372512 Minimum: 0 Maximum: 76  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 76 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. non-metro	3526849	69.5%
71	71. cape town	348968	6.9%
72	72. ethekweni	288995	5.7%
73	73. ekhurhuleni	245008	4.8%
74	74. johannesburg	330041	6.5%
75	75. nelson mandela metro	115307	2.3%
76	76. tshwane	219880	4.3%
Sysmiss		2372512	

**URBRUR2: area type, waves 23-50 (qlfs 2008:1- 2014:4)****Data file:** palmsv4**Overview**

Valid: 2439653 Invalid: 5007907 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. urban formal	1255665	51.5%
2	2. urban informal	162581	6.7%
4	4. tribal areas	939600	38.5%
5	5. rural formal	81807	3.4%
Sysmiss		5007907	

### URBRUR3: type of area, qlfs 2015 -qlfs 2017:2

Data file: palmsv4

#### Overview

Valid: 701354 Invalid: 6746206 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. urban	428216	61.1%
2	2. traditional	237721	33.9%
3	3. farms	18889	2.7%
4	4. mining areas	16528	2.4%
Sysmiss		6746206	

### INPERSON: person is responding themselves

Data file: palmsv4

#### Overview

Valid: 5834755 Invalid: 1612805 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. yes	2599145	44.5%
2	2. no	2048004	35.1%

8	8. not applicable	1154583	19.8%
9	9. unspecified	33023	0.6%
Sysmiss		1612805	

**UQNR: household id variable, as in original data****Data file: palmsv4incomes****Overview**

Valid: 2333439 Invalid: 0  
 Type: Discrete Width: 14 Range: - Format: character

**PERSONNR: person number****Data file: palmsv4incomes****Overview**

Valid: 2333439 Invalid: 0 Minimum: 0 Maximum: 42 Mean: 3.344 Standard deviation: 2.4  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 42 Format: Numeric

**WAVE: survey wave, pslds 1993=0, ohs 1994=1, qlfs dec 2015=54****Data file: palmsv4incomes****Overview**

Valid: 2333439 Invalid: 0 Minimum: 0 Maximum: 22  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 92 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. pslds 1993	40144	1.7%
1	1. ohs 1994	132469	5.7%
2	2. ohs 1995	130787	5.6%
3	3. ohs 1996	72890	3.1%
4	4. ohs 1997	140015	6%
5	5. ohs 1998	82253	3.5%
6	6. ohs 1999	106650	4.6%
7	7. lfs 00:1	38529	1.7%
8	8. lfs 00:2	105370	4.5%
9	9. lfs 01:1	107726	4.6%
10	10. lfs 01:2	106439	4.6%
11	11. lfs 02:1	109410	4.7%
12	12. lfs 02:2	102480	4.4%
13	13. lfs 03:1	100834	4.3%
14	14. lfs 03:2	98767	4.2%
15	15. lfs 04:1	98256	4.2%

16	16. lfs 04:2	109888	4.7%
17	17. lfs 05:1	110671	4.7%
18	18. lfs 05:2	109079	4.7%
19	19. lfs 06:1	108345	4.6%
20	20. lfs 06:2	106900	4.6%
21	21. lfs 07:1	109551	4.7%
22	22. lfs 07:2	105986	4.5%
23	23. qlfs 08:1	0	0%
24	24. qlfs 08:2	0	0%
25	25. qlfs 08:3	0	0%
26	26. qlfs 08:4	0	0%
27	27. qlfs 09:1	0	0%
28	28. qlfs 09:2	0	0%
29	29. qlfs 09:3	0	0%
30	30. qlfs 09:4	0	0%
31	31. qlfs 2010:1	0	0%
32	32. qlfs 2010:2	0	0%
33	33. qlfs 2010:3	0	0%
34	34. qlfs 2010:4	0	0%
35	35. qlfs 2011:1	0	0%
36	36. qlfs 2011:2	0	0%
37	37. qlfs 2011:3	0	0%
38	38. qlfs 2011:4	0	0%
39	39. qlfs 2012:1	0	0%
40	40. qlfs 2012:2	0	0%
41	41. qlfs 2012:3	0	0%
42	42. qlfs 2012:4	0	0%
43	43. qlfs 2013:1	0	0%
44	44. qlfs 2013:2	0	0%
45	45. qlfs 2013:3	0	0%
46	46. qlfs 2013:4	0	0%
47	47. qlfs 2014:1	0	0%
48	48. qlfs 2014:2	0	0%
49	49. qlfs 2014:3	0	0%
50	50. qlfs 2014:4	0	0%
51	51. qlfs 2015:1	0	0%
52	52. qlfs 2015:2	0	0%
53	53. qlfs 2015:3	0	0%
54	54. qlfs 2015:4	0	0%

55	55. qlfs 2016:1	0	0%
56	56. qlfs 2016:2	0	0%
57	57. qlfs 2016:3	0	0%
58	58. qlfs 2016:4	0	0%
59	59. qlfs 2017:1	0	0%
60	60. qlfs 2017:2	0	0%
61	61. qlfs 2017:3	0	0%
62	62. qlfs 2017:4	0	0%
63	63. qlfs 2018:1	0	0%
64	64. qlfs 2018:2	0	0%
65	65. qlfs 2018:3	0	0%
66	66. qlfs 2018:4	0	0%
67	67. qlfs 2019:1	0	0%
68	68. qlfs 2019:2	0	0%
69	69. qlfs 2019:3	0	0%
70	70. qlfs 2019:4	0	0%
71	71. qlfs 2020:1	0	0%
72	72. qlfs 2020:2	0	0%
73	73. qlfs 2020:3	0	0%
74	74. qlfs 2020:4	0	0%
75	75. qlfs 2021:1	0	0%
76	76. qlfs 2021:2	0	0%
77	77. qlfs 2021:3	0	0%
78	78. qlfs 2021:4	0	0%
79	79. qlfs 2022:1	0	0%
80	80. qlfs 2022:2	0	0%
81	81. qlfs 2022:3	0	0%
82	82. qlfs 2022:4	0	0%
83	83. qlfs 2023:1	0	0%
84	84. qlfs 2023:2	0	0%
85	85. qlfs 2023:3	0	0%
86	86. qlfs 2023:4	0	0%
87	87. qlfs 2024:1	0	0%
88	88. qlfs 2024:2	0	0%
89	89. qlfs 2024:3	0	0%
90	90. qlfs 2024:4	0	0%
91	91. qlfs 2025:1	0	0%
92	92. qlfs 2025:2	0	0%

**EARNPERIOD: earnings period****Data file:** palmsv4incomes**Overview**

Valid: 287124 Invalid: 2046315 Minimum: 2 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. per day	0	0%
2	2. per week	69474	24.2%
3	3. per month	214827	74.8%
4	4. per year	2823	1%
Sysmiss		2046315	

**EARNPERIOD\_WAGE: earnings period, employees, ohs only****Data file:** palmsv4incomes**Overview**

Valid: 116635 Invalid: 2216804 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. per day	1514	1.3%
2	2. per week	20657	17.7%
3	3. per month	91947	78.8%
4	4. per year	2517	2.2%
Sysmiss		2216804	

**EARNPERIOD\_SELF: earnings period, self-employed, ohs only****Data file:** palmsv4incomes**Overview**

Valid: 19930 Invalid: 2313509 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. per day	353	1.8%
2	2. per week	3659	18.4%
3	3. per month	13715	68.8%
4	4. per year	2203	11.1%
Sysmiss		2313509	

## JOBSALARY: earnings in wage or self-employment, lfss

Data file: palmsv4incomes

### Overview

Valid: 285541 Invalid: 2047898 Minimum: 0 Maximum: 5281000  
 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: palmsv4incomes

### Overview

Valid: 1104321 Invalid: 1229118 Minimum: 1 Maximum: 99  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	1. none	21449	1.9%
2	2. r 1 - r 2 400 per annum	4569	0.4%
3	3. r 2 401 - r 6 000 per annum	6030	0.5%

4	4. r 6 001 - r 12 000 per annum	7377	0.7%
5	5. r 12 001 - r 18 000 per annum	7473	0.7%
6	6. r 18 001 - r 30 000 per annum	10298	0.9%
7	7. r 30 001 - r 42 000 per annum	9147	0.8%
8	8. r 42 001 - r 54 000 per annum	8215	0.7%
9	9. r 54 001 - r 72 000 per annum	9403	0.9%
10	10. r 72 001 - r 96 000 per annum	7026	0.6%
11	11. r 96 001 - r 132 000 per annum	6211	0.6%
12	12. r 132 001 - r 192 000 per annum	3782	0.3%
13	13. r 192 001 - r 360 000 per annum	2522	0.2%
14	14. r 360 001 or more per annum	1137	0.1%
15	15. don't know	8075	0.7%
16	16. refuse	12820	1.2%
88	88. not applicable	947089	85.8%
99	99. unspecified	31698	2.9%
Sysmiss		1229118	

## WAGEEMPINCOME: wage employment earnings in ohss

Data file: palmsv4incomes

### Overview

Valid: 58455 Invalid: 2274984 Minimum: 1 Maximum: 920920  
 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: palmsv4incomes

### Overview

Valid: 29988 Invalid: 2303451 Minimum: 0 Maximum: 52500 Mean: 1465.73 Standard deviation: 1776.089

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

**EMPSALCAT1: total salary at main job: category, for employees, ohs 96-99****Data file:** palmsv4incomes**Overview**

Valid: 116176 Invalid: 2217263 Minimum: 0 Maximum: 8888  
 Type: Discrete Decimal: 0 Width: 4 Range: 0 - 8888 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. missing	1655	1.4%
1	1. none	228	0.2%
2	2. r 1 - r 2 400 per annum	4811	4.1%
3	3. r 2 401 - r 6 000 per annum	10349	8.9%
4	4. r 6 001 - r 12 000 per annum	11334	9.8%
5	5. r 12 001 - r 18 000 per annum	10300	8.9%
6	6. r 18 001 - r 30 000 per annum	11010	9.5%
7	7. r 30 001 - r 42 000 per annum	6117	5.3%
8	8. r 42 001 - r 54 000 per annum	3697	3.2%
9	9. r 54 001 - r 72 000 per annum	3010	2.6%
10	10. r 72 001 - r 96 000 per annum	1607	1.4%
11	11. r 96 001 - r 132 000 per annum	882	0.8%
12	12. r 132 001 - r 192 000 per annum	570	0.5%
13	13. r 192 001 - r 360 000 per annum	312	0.3%
14	14. r 360 001 or more per annum	142	0.1%
15	15. don't know	1665	1.4%
8888	8888. not applicable	48487	41.7%
Sysmiss		2217263	

**EMPSALCAT2: total salary at main job: category, for employees, ohs 95****Data file:** palmsv4incomes**Overview**

Valid: 103332 Invalid: 2230107 Minimum: 0 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0	0. missing/not applicable	96791	93.7%
1	1. no income	33	0%
2	2. r1 - r999	1840	1.8%
3	3. r1 000 - r1 249	552	0.5%
4	4. r1 250 - r1 499	392	0.4%
5	5. r1 500 - r1 999	554	0.5%
6	6. r2 000 - r2 499	449	0.4%
7	7. r2 500 - r2 999	478	0.5%
8	8. r3 000 - r3 999	546	0.5%
9	9. r4 000 - r5 999	543	0.5%
10	10. r6 000 - r7 999	206	0.2%
11	11. r8 000 - r9 999	77	0.1%
12	12. r10 000 - r12 499	67	0.1%
13	13. r12 500 - r14 999	22	0%
14	14. r15 000 - r19 999	31	0%
15	15. r20 000 - r24 999	31	0%
16	16. r25 000 - r29 999	47	0%
17	17. r30 000 - r39 999	79	0.1%
18	18. r40 000 - r59 999	114	0.1%
19	19. r60 000 - r79 999	79	0.1%
20	20. r80 000 - r99 999	51	0%
21	21. r100 000 - r124 999	28	0%
22	22. r125 000 - r149 999	10	0%
23	23. r150 000 - r199 999	15	0%
24	24. r200 000 - r249 999	7	0%
25	25. r250 000 - r299 999	5	0%
26	26. r300 000 - r399 999	3	0%
27	27. r400 000 - r499 999	0	0%
28	28. r500 000 - r599 999	0	0%
29	29. r600 000 and over	1	0%
30	30. unspecified	281	0.3%
Sysmiss		2230107	

### EMPSALCAT3: total monthly net salary at main job: category, for employees, ohs 94. as releas

Data file: palmsv4incomes

#### Overview

Valid: 29988 Invalid: 2303451 Minimum: 1 Maximum: 12

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	0	0%
1	1. none	71	0.2%
2	2. r1 - r99	280	0.9%
3	3. r100 - r199	1235	4.1%
4	4. r200 - r499	4919	16.4%
5	5. r500 - r999	6150	20.5%
6	6. r1 000 - r1 999	9317	31.1%
7	7. r2 000 - r3 999	5071	16.9%
8	8. r4 000 - r7 999	1496	5%
9	9. r8 000 - r15 999	238	0.8%
10	10. r16 000 - r32 999	37	0.1%
11	11. r33 000+	7	0%
12	12. unspecified	1167	3.9%
Sysmiss		2303451	

**SELFEMPINCOME1: self employment earnings in ohss**

Data file: palmsv4incomes

**Overview**

Valid: 8387    Invalid: 2325052    Minimum: 1    Maximum: 2000000

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		25	0.3%
2		38	0.5%
3		4	0%
5		3	0%
6		2	0%
7		1	0%
8		5	0.1%
9		2	0%

10		19	0.2%
11		2	0%
12		4	0%
13		1	0%
15		18	0.2%
16		1	0%
17		1	0%
18		4	0%
20		58	0.7%
21		2	0%
22		3	0%
23		1	0%
25		23	0.3%
26		2	0%
28		1	0%
30		42	0.5%
32		1	0%
33		2	0%
35		11	0.1%
36		5	0.1%
38		5	0.1%
40		44	0.5%
42		1	0%
43		1	0%
44		2	0%
45		17	0.2%
46		12	0.1%
47		2	0%
48		4	0%
49		1	0%
50		220	2.6%
52		2	0%
54		3	0%
55		5	0.1%
56		1	0%
58		3	0%
60		113	1.3%
63		2	0%
65		11	0.1%

66		1	0%
67		5	0.1%
68		3	0%
70		51	0.6%
72		2	0%
75		34	0.4%
76		1	0%
77		2	0%
78		2	0%
80		122	1.5%
81		5	0.1%
82		2	0%
83		1	0%
84		3	0%
85		11	0.1%
87		7	0.1%
88		3	0%
90		51	0.6%
92		4	0%
95		5	0.1%
96		1	0%
97		1	0%
98		1	0%
99		2	0%
100		387	4.6%
102		1	0%
105		5	0.1%
106		3	0%
107		1	0%
108		8	0.1%
110		24	0.3%
113		2	0%
114		2	0%
115		8	0.1%
117		2	0%
119		1	0%
120		139	1.7%
125		14	0.2%
127		1	0%

130		36	0.4%
132		1	0%
133		2	0%
135		3	0%
136		1	0%
138		7	0.1%
140		22	0.3%
141		3	0%
142		2	0%
145		2	0%
150		293	3.5%
152		2	0%
153		2	0%
154		1	0%
155		4	0%
156		1	0%
160		42	0.5%
163		9	0.1%
165		6	0.1%
167		3	0%
168		1	0%
170		18	0.2%
172		1	0%
175		5	0.1%
180		75	0.9%
185		2	0%
186		1	0%
190		6	0.1%
195		2	0%
197		1	0%
200		549	6.5%
201		3	0%
205		1	0%
207		1	0%
209		1	0%
210		14	0.2%
212		2	0%
213		1	0%
217		5	0.1%

220		25	0.3%
225		6	0.1%
230		16	0.2%
231		2	0%
232		1	0%
233		5	0.1%
235		1	0%
238		1	0%
240		27	0.3%
242		1	0%
249		1	0%
250		190	2.3%
252		1	0%
260		16	0.2%
262		1	0%
264		2	0%
270		13	0.2%
275		6	0.1%
280		27	0.3%
287		1	0%
288		3	0%
290		6	0.1%
291		1	0%
298		1	0%
300		444	5.3%
304		2	0%
305		1	0%
310		5	0.1%
313		1	0%
315		1	0%
317		1	0%
320		15	0.2%
324		1	0%
325		4	0%
330		4	0%
333		2	0%
334		1	0%
335		2	0%
338		1	0%

340		6	0.1%
342		2	0%
345		1	0%
346		1	0%
347		3	0%
350		123	1.5%
353		1	0%
355		1	0%
358		1	0%
360		14	0.2%
367		1	0%
368		1	0%
370		6	0.1%
375		4	0%
379		1	0%
380		8	0.1%
383		1	0%
384		3	0%
385		2	0%
390		8	0.1%
395		2	0%
399		1	0%
400		320	3.8%
403		1	0%
405		1	0%
408		2	0%
410		8	0.1%
417		2	0%
420		10	0.1%
425		5	0.1%
426		1	0%
430		5	0.1%
433		3	0%
435		1	0%
440		8	0.1%
450		95	1.1%
453		1	0%
458		1	0%
460		2	0%

465		2	0%
467		2	0%
470		2	0%
472		1	0%
475		5	0.1%
480		12	0.1%
490		3	0%
491		1	0%
492		1	0%
498		1	0%
499		4	0%
500		433	5.2%
501		2	0%
510		1	0%
513		1	0%
520		1	0%
525		1	0%
529		1	0%
530		1	0%
540		5	0.1%
545		1	0%
550		19	0.2%
560		6	0.1%
563		1	0%
565		1	0%
567		1	0%
570		1	0%
575		1	0%
577		1	0%
578		1	0%
580		1	0%
583		1	0%
585		1	0%
590		1	0%
595		2	0%
600		231	2.8%
608		1	0%
620		4	0%
623		1	0%

625		1	0%
630		1	0%
636		1	0%
638		1	0%
640		2	0%
648		1	0%
650		25	0.3%
656		1	0%
658		2	0%
660		1	0%
667		1	0%
670		2	0%
680		5	0.1%
683		1	0%
691		1	0%
692		1	0%
695		1	0%
700		133	1.6%
720		7	0.1%
730		1	0%
740		1	0%
749		1	0%
750		34	0.4%
755		2	0%
765		1	0%
770		1	0%
780		5	0.1%
784		1	0%
790		2	0%
795		1	0%
800		217	2.6%
808		1	0%
810		1	0%
813		1	0%
820		1	0%
833		2	0%
840		5	0.1%
850		19	0.2%
864		1	0%

873		1	0%
875		1	0%
879		1	0%
890		2	0%
900		81	1%
903		1	0%
908		1	0%
920		1	0%
925		1	0%
930		2	0%
940		1	0%
949		1	0%
950		12	0.1%
960		4	0%
964		1	0%
975		2	0%
990		4	0%
999		4	0%
1000		277	3.3%
1001		2	0%
1002		2	0%
1004		1	0%
1008		1	0%
1025		1	0%
1033		1	0%
1039		1	0%
1040		1	0%
1050		3	0%
1056		1	0%
1073		1	0%
1076		1	0%
1083		1	0%
1084		1	0%
1085		1	0%
1090		1	0%
1092		1	0%
1095		1	0%
1100		21	0.3%
1110		1	0%

1120		1	0%
1143		1	0%
1148		1	0%
1150		2	0%
1151		1	0%
1158		1	0%
1167		2	0%
1180		2	0%
1185		1	0%
1189		1	0%
1190		2	0%
1200		141	1.7%
1225		1	0%
1233		1	0%
1240		1	0%
1249		2	0%
1250		18	0.2%
1260		2	0%
1270		2	0%
1283		1	0%
1300		28	0.3%
1329		1	0%
1330		1	0%
1349		1	0%
1350		1	0%
1380		1	0%
1386		1	0%
1400		34	0.4%
1416		1	0%
1433		1	0%
1440		3	0%
1450		2	0%
1482		1	0%
1496		1	0%
1499		1	0%
1500		191	2.3%
1501		3	0%
1502		2	0%
1520		1	0%

1540		1	0%
1558		1	0%
1560		1	0%
1590		1	0%
1600		26	0.3%
1610		1	0%
1632		1	0%
1650		2	0%
1675		1	0%
1680		5	0.1%
1700		9	0.1%
1733		1	0%
1750		4	0%
1760		1	0%
1790		1	0%
1800		42	0.5%
1802		1	0%
1820		1	0%
1825		1	0%
1849		1	0%
1850		1	0%
1900		7	0.1%
1920		1	0%
1936		1	0%
1950		1	0%
1990		1	0%
2000		193	2.3%
2002		2	0%
2006		1	0%
2083		2	0%
2100		5	0.1%
2160		1	0%
2200		9	0.1%
2250		5	0.1%
2288		1	0%
2300		6	0.1%
2333		2	0%
2400		26	0.3%
2401		1	0%

2450		2	0%
2460		1	0%
2475		1	0%
2499		1	0%
2500		105	1.3%
2501		4	0%
2541		1	0%
2550		1	0%
2600		5	0.1%
2640		2	0%
2650		1	0%
2688		1	0%
2700		6	0.1%
2750		1	0%
2760		2	0%
2800		11	0.1%
2850		1	0%
2880		2	0%
2970		1	0%
2980		1	0%
2999		1	0%
3000		153	1.8%
3002		1	0%
3010		1	0%
3013		1	0%
3048		1	0%
3060		1	0%
3080		1	0%
3120		2	0%
3150		1	0%
3166		1	0%
3167		1	0%
3200		6	0.1%
3300		1	0%
3333		1	0%
3360		1	0%
3387		1	0%
3400		1	0%
3417		1	0%

3450		1	0%
3500		40	0.5%
3501		2	0%
3600		17	0.2%
3650		1	0%
3700		1	0%
3750		1	0%
3800		8	0.1%
3840		2	0%
3900		2	0%
3999		2	0%
4000		80	1%
4002		1	0%
4020		1	0%
4050		1	0%
4083		1	0%
4100		2	0%
4167		2	0%
4200		6	0.1%
4240		1	0%
4290		1	0%
4300		3	0%
4384		1	0%
4400		1	0%
4480		1	0%
4500		23	0.3%
4501		5	0.1%
4550		1	0%
4600		3	0%
4700		3	0%
4750		1	0%
4800		7	0.1%
4850		1	0%
4900		1	0%
5000		115	1.4%
5002		1	0%
5020		1	0%
5040		1	0%
5184		1	0%

5200		2	0%
5244		1	0%
5400		4	0%
5500		8	0.1%
5600		1	0%
5700		1	0%
5717		1	0%
5750		1	0%
5800		2	0%
5833		1	0%
6000		82	1%
6001		2	0%
6400		3	0%
6480		1	0%
6499		1	0%
6500		5	0.1%
6600		1	0%
6700		3	0%
6800		1	0%
6820		1	0%
6920		1	0%
7000		28	0.3%
7007		1	0%
7060		1	0%
7167		1	0%
7200		4	0%
7239		1	0%
7350		1	0%
7416		1	0%
7500		11	0.1%
7600		2	0%
7920		1	0%
7991		1	0%
7999		1	0%
8000		60	0.7%
8001		1	0%
8002		1	0%
8333		1	0%
8400		2	0%

8460		1	0%
8500		7	0.1%
8600		1	0%
8707		1	0%
8750		1	0%
8800		1	0%
9000		27	0.3%
9500		3	0%
9600		4	0%
9800		2	0%
9997		1	0%
10000		51	0.6%
10250		1	0%
10800		1	0%
10860		1	0%
11000		9	0.1%
11300		1	0%
11500		2	0%
12000		26	0.3%
12500		4	0%
13000		7	0.1%
13200		4	0%
13500		6	0.1%
13512		1	0%
13560		1	0%
13600		2	0%
13858		1	0%
13900		1	0%
14000		6	0.1%
14400		1	0%
14999		1	0%
15000		31	0.4%
15050		2	0%
16000		10	0.1%
16150		1	0%
17000		2	0%
17700		1	0%
18000		12	0.1%
18017		1	0%

18200		1	0%
19000		2	0%
19500		1	0%
19800		1	0%
20000		29	0.3%
20500		1	0%
21000		1	0%
21600		1	0%
22000		2	0%
22163		1	0%
23000		1	0%
24000		6	0.1%
25000		8	0.1%
25175		1	0%
25200		1	0%
26000		2	0%
26800		2	0%
28000		1	0%
28002		1	0%
30000		27	0.3%
30001		1	0%
31000		2	0%
32000		1	0%
33000		4	0%
33600		1	0%
34000		1	0%
35000		7	0.1%
36000		12	0.1%
36500		1	0%
37000		1	0%
38000		2	0%
39999		1	0%
40000		15	0.2%
40002		1	0%
41000		1	0%
41567		1	0%
42000		3	0%
42399		2	0%
45000		7	0.1%

47988		1	0%
48000		4	0%
49000		1	0%
50000		21	0.3%
51600		1	0%
52000		1	0%
53000		1	0%
54000		3	0%
55000		1	0%
57000		1	0%
58000		2	0%
59000		1	0%
60000		21	0.3%
62000		2	0%
63000		1	0%
64000		2	0%
65000		1	0%
66000		1	0%
67600		1	0%
68000		1	0%
70000		10	0.1%
70001		1	0%
71988		1	0%
72000		4	0%
73000		1	0%
75000		4	0%
76150		1	0%
80000		9	0.1%
82000		1	0%
84000		2	0%
85000		3	0%
86000		2	0%
88000		1	0%
89000		1	0%
90000		4	0%
90002		1	0%
96000		1	0%
98900		1	0%
99000		1	0%

100000		7	0.1%
105000		1	0%
106000		1	0%
110000		4	0%
115000		1	0%
117600		1	0%
118002		1	0%
120000		9	0.1%
122087		1	0%
124000		1	0%
125000		2	0%
127000		1	0%
128000		1	0%
130000		5	0.1%
132001		1	0%
133000		2	0%
134600		1	0%
140000		3	0%
141145		1	0%
144000		3	0%
149000		1	0%
150000		14	0.2%
151000		1	0%
158549		1	0%
160000		1	0%
162012		1	0%
170000		1	0%
175000		2	0%
180000		1	0%
192000		1	0%
192032		1	0%
199999		1	0%
200000		15	0.2%
210000		1	0%
216000		1	0%
224000		2	0%
225000		2	0%
230000		1	0%
240000		5	0.1%

250000		10	0.1%
250015		1	0%
260000		1	0%
300000		7	0.1%
307437		1	0%
346640		1	0%
350000		5	0.1%
360000		1	0%
360001		1	0%
377000		1	0%
380000		2	0%
396000		1	0%
400000		4	0%
450000		6	0.1%
480000		3	0%
490000		1	0%
500000		8	0.1%
500010		1	0%
550000		1	0%
600000		7	0.1%
615000		1	0%
650000		1	0%
700000		3	0%
718000		1	0%
720000		1	0%
724000		1	0%
750000		1	0%
800000		2	0%
816000		1	0%
876000		1	0%
888888	888888. not applicable	0	0%
900000		1	0%
1100000		2	0%
1200000		1	0%
1300000		1	0%
2000000		1	0%
Sysmiss		2325052	

**SELFEMPINCOME2: self-employment income q 3.19, calc per month by ssa, ohs 94. incl imputes.****Data file:** palmsv4incomes**Overview**

Valid: 103922 Invalid: 2229517 Minimum: 0 Maximum: 489742  
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 888888 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		98083	94.4%
6		1	0%
15		1	0%
17		1	0%
20		4	0%
24		1	0%
25		1	0%
26		1	0%
30		3	0%
35		2	0%
36		1	0%
40		3	0%
45		1	0%
48		1	0%
50		14	0%
55		3	0%
56		1	0%
57		3	0%
60		23	0%
62		70	0.1%
64		1	0%
65		4	0%
66		2	0%
70		10	0%
71		49	0%
73		1	0%
75		6	0%
79		1	0%
80		20	0%

83		2	0%
85		1	0%
87		8	0%
88		2	0%
90		15	0%
92		3	0%
94		1	0%
95		2	0%
98		1	0%
100		59	0.1%
102		3	0%
104		2	0%
105		1	0%
108		1	0%
110		17	0%
112		6	0%
115		9	0%
118		2	0%
120		37	0%
125		5	0%
130		127	0.1%
132		2	0%
135		1	0%
139		1	0%
140		10	0%
142		2	0%
143		215	0.2%
144		2	0%
145		5	0%
147		1	0%
150		60	0.1%
152		5	0%
153		7	0%
154		2	0%
155		1	0%
156		1	0%
157		1	0%
158		1	0%
160		15	0%

163		3	0%
164		1	0%
165		2	0%
167		1	0%
168		2	0%
169		1	0%
170		11	0%
173		15	0%
174		1	0%
175		2	0%
176		1	0%
177		1	0%
178		1	0%
180		34	0%
182		1	0%
183		7	0%
186		2	0%
189		1	0%
190		7	0%
191		1	0%
193		17	0%
195		8	0%
196		1	0%
198		1	0%
199		2	0%
200		95	0.1%
201		1	0%
203		12	0%
204		2	0%
205		1	0%
206		1	0%
208		1	0%
210		10	0%
213		1	0%
215		4	0%
216		1	0%
217		16	0%
220		15	0%
221		1	0%

222		1	0%
223		11	0%
224		1	0%
225		5	0%
228		1	0%
229		1	0%
230		15	0%
232		2	0%
233		5	0%
235		1	0%
238		5	0%
240		12	0%
243		10	0%
244		1	0%
245		1	0%
247		1	0%
250		53	0.1%
253		4	0%
257		2	0%
258		4	0%
259		1	0%
260		27	0%
262		2	0%
263		4	0%
264		2	0%
265		2	0%
267		1	0%
269		28	0%
270		12	0%
273		2	0%
276		1	0%
278		1	0%
279		1	0%
280		17	0%
282		7	0%
283		4	0%
289		2	0%
290		6	0%
291		1	0%

293		3	0%
294		1	0%
295		1	0%
297		1	0%
300		68	0.1%
303		7	0%
304		1	0%
305		1	0%
308		428	0.4%
309		2	0%
310		4	0%
311		2	0%
312		1	0%
313		3	0%
315		3	0%
316		3	0%
318		3	0%
319		1	0%
320		5	0%
321		1	0%
322		17	0%
323		1	0%
324		1	0%
325		8	0%
327		2	0%
328		6	0%
329		1	0%
330		9	0%
332		206	0.2%
333		5	0%
335		2	0%
337		1	0%
338		6	0%
340		3	0%
342		2	0%
343		10	0%
346		1	0%
347		4	0%
348		8	0%

349		1	0%
350		93	0.1%
351		2	0%
353		1	0%
355		1	0%
358		6	0%
360		6	0%
363		1	0%
365		2	0%
366		1	0%
368		6	0%
370		3	0%
373		5	0%
375		1	0%
378		3	0%
379		1	0%
380		6	0%
383		4	0%
385		3	0%
388		7	0%
389		1	0%
390		5	0%
393		1	0%
395		1	0%
398		3	0%
399		1	0%
400		41	0%
403		1	0%
404		1	0%
408		11	0%
410		1	0%
412		2	0%
413		3	0%
415		1	0%
416		3	0%
418		3	0%
419		1	0%
420		3	0%
422		1	0%

423		2	0%
425		14	0%
428		8	0%
430		2	0%
433		20	0%
438		2	0%
440		3	0%
443		7	0%
445		1	0%
450		13	0%
453		3	0%
454		3	0%
455		1	0%
458		5	0%
460		3	0%
461		1	0%
463		1	0%
469		1	0%
470		3	0%
473		1	0%
476		2	0%
477		1	0%
478		3	0%
480		3	0%
481		2	0%
483		1	0%
488		3	0%
490		2	0%
492		1	0%
493		1	0%
495		2	0%
498		2	0%
500		41	0%
504		1	0%
505		1	0%
507		1	0%
508		12	0%
510		1	0%
512		1	0%

516		3	0%
518		1	0%
520		7	0%
522		1	0%
523		1	0%
528		3	0%
530		1	0%
532		2	0%
536		1	0%
538		2	0%
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542		1	0%
543		1	0%
544		1	0%
548		2	0%
550		7	0%
553		2	0%
554		1	0%
558		13	0%
560		3	0%
562		1	0%
563		62	0.1%
570		1	0%
575		1	0%
580		3	0%
588		3	0%
590		1	0%
593		5	0%
594		1	0%
598		1	0%
600		28	0%
605		1	0%
608		12	0%
612		1	0%
618		2	0%
620		24	0%
621		1	0%
623		1	0%
624		2	0%

625		3	0%
628		1	0%
646		1	0%
650		11	0%
653		1	0%
658		3	0%
660		7	0%
667		3	0%
668		1	0%
670		4	0%
679		222	0.2%
680		2	0%
682		1	0%
690		1	0%
693		3	0%
700		14	0%
704		1	0%
708		3	0%
716		1	0%
720		1	0%
726		124	0.1%
730		3	0%
731		1	0%
735		1	0%
737		1	0%
740		1	0%
743		1	0%
745		1	0%
746		1	0%
750		4	0%
751		1	0%
752		1	0%
754		1	0%
756		1	0%
758		2	0%
763		1	0%
767		1	0%
770		3	0%
777		1	0%

780		2	0%
786		2	0%
790		1	0%
792		1	0%
793		1	0%
800		21	0%
804		1	0%
806		2	0%
816		1	0%
818		1	0%
826		1	0%
830		1	0%
833		3	0%
840		1	0%
846		2	0%
850		1	0%
852		1	0%
858		3	0%
866		1	0%
867		11	0%
870		2	0%
871		1	0%
872		10	0%
876		4	0%
880		4	0%
888		1	0%
900		10	0%
908		4	0%
924		1	0%
926		5	0%
930		4	0%
933		1	0%
936		2	0%
946		2	0%
950		2	0%
956		1	0%
958		1	0%
966		1	0%
980		1	0%

986		1	0%
1000		40	0%
1004		4	0%
1011		2	0%
1020		1	0%
1026		1	0%
1032		1	0%
1040		1	0%
1066		1	0%
1083		1	0%
1086		1	0%
1096		1	0%
1100		9	0%
1106		1	0%
1108		1	0%
1120		1	0%
1126		1	0%
1166		1	0%
1176		3	0%
1178		1	0%
1188		1	0%
1200		13	0%
1206		1	0%
1213		1	0%
1235		1	0%
1250		1	0%
1270		1	0%
1290		1	0%
1300		16	0%
1305		1	0%
1320		2	0%
1325		274	0.3%
1326		1	0%
1333		2	0%
1335		7	0%
1346		1	0%
1350		1	0%
1352		1	0%
1364		12	0%

1374		1	0%
1376		1	0%
1384		1	0%
1386		8	0%
1388		1	0%
1400		2	0%
1417		1	0%
1426		1	0%
1428		1	0%
1430		1	0%
1436		1	0%
1439		61	0.1%
1500		13	0%
1517		1	0%
1526		2	0%
1562		36	0%
1564		2	0%
1589		1	0%
1600		8	0%
1626		1	0%
1650		2	0%
1660		1	0%
1664		1	0%
1700		3	0%
1716		1	0%
1726		1	0%
1733		3	0%
1769		1	0%
1800		4	0%
1848		1	0%
1850		2	0%
1855		29	0%
1950		9	0%
1980		1	0%
2000		26	0%
2033		1	0%
2040		1	0%
2064		2	0%
2083		1	0%

2136		1	0%
2167		12	0%
2179		2	0%
2194		1	0%
2200		7	0%
2246		1	0%
2300		1	0%
2383		1	0%
2460		2	0%
2500		11	0%
2542		2	0%
2600		2	0%
2606		298	0.3%
2667		2	0%
2679		4	0%
2708		1	0%
2750		1	0%
2770		5	0%
2776		1	0%
2800		3	0%
2817		1	0%
2860		31	0%
2866		6	0%
2939		5	0%
2942		39	0%
2945		1	0%
3000		21	0%
3033		2	0%
3126		8	0%
3146		1	0%
3200		2	0%
3207		1	0%
3250		1	0%
3300		2	0%
3333		1	0%
3467		4	0%
3500		5	0%
3700		1	0%
3786		61	0.1%

3900		1	0%
3958		1	0%
3960		1	0%
4000		14	0%
4143		5	0%
4200		1	0%
4333		2	0%
4363		1	0%
4400		2	0%
4500		4	0%
4741		1	0%
4746		1	0%
4767		1	0%
4812		3	0%
4840		1	0%
5000		23	0%
5103		328	0.3%
5200		1	0%
5417		1	0%
5419		4	0%
5500		2	0%
5642		5	0%
5742		20	0%
5800		1	0%
5833		2	0%
5850		1	0%
6000		5	0%
6099		3	0%
6276		1	0%
6500		1	0%
6600		1	0%
6667		1	0%
6787		1	0%
6839		68	0.1%
7000		1	0%
7196		16	0%
7304		14	0%
7400		1	0%
7500		2	0%

7700		1	0%
8000		8	0%
8333		2	0%
8500		1	0%
8667		1	0%
8800		2	0%
8833		1	0%
9000		2	0%
9200		1	0%
9500		1	0%
10000		11	0%
10244		1	0%
10463		184	0.2%
10667		2	0%
11000		1	0%
11293		15	0%
11700		1	0%
12000		4	0%
12500		2	0%
13000		2	0%
13048		4	0%
13200		1	0%
14057		1	0%
14938		11	0%
15000		5	0%
16000		3	0%
16467		1	0%
16667		3	0%
16736		1	0%
17033		2	0%
17500		1	0%
18333		1	0%
18633		1	0%
19760		1	0%
20000		3	0%
20600		1	0%
21667		2	0%
22113		2	0%
22261		93	0.1%

23760		1	0%
24792		152	0.1%
25000		7	0%
25500		1	0%
26400		2	0%
26667		1	0%
28250		1	0%
30000		3	0%
33333		1	0%
35000		1	0%
40000		3	0%
41667		3	0%
43333		1	0%
45000		2	0%
45340		2	0%
45433		56	0.1%
48000		1	0%
49000		1	0%
50000		5	0%
55000		1	0%
57332		2	0%
60000		1	0%
66667		1	0%
70000		1	0%
75000		3	0%
77726		1	0%
82071		34	0%
94900		1	0%
100000		2	0%
112266		1	0%
291667		1	0%
297500		21	0%
303333		1	0%
489742		1	0%
888888	888888. not applicable	0	0%
Sysmiss		2229517	

**IMPUTED: the original net income figure is imputed, ohs 94. see wittenberg (2008)****Data file: palmsv4incomes****Overview**

Valid: 103922 Invalid: 2229517 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. no	87713	84.4%
1	1. yes	16209	15.6%
Sysmiss		2229517	

**SALARY\_IMPUTE: est net income per month for employees, ohs 94. see wittenberg (2008)****Data file: palmsv4incomes****Overview**

Valid: 29988 Invalid: 2303451 Minimum: 0 Maximum: 52500 Mean: 1510.912 Standard deviation: 1866.344

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

**IMPUTE\_GROSS: the orig gross income from own acc figure is imputed, ohs 94. see wittenberg (2008)****Data file: palmsv4incomes****Overview**

Valid: 103922 Invalid: 2229517 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. no	100464	96.7%
1	1. yes	3458	3.3%
Sysmiss		2229517	

**EMP\_IMPUTE: est gross income p/month in own acct activities, ohs 94. see wittenberg (2008)****Data file: palmsv4incomes**

**Overview**

Valid: 103897 Invalid: 2229542 Minimum: 0 Maximum: 303333 Mean: 261.689 Standard deviation: 3212.446

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

**DEDUC1: was salary/pay total pay or take home pay?**

Data file: palmsv4incomes

**Overview**

Valid: 103922 Invalid: 2229517 Minimum: 0 Maximum: 2

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. not applicable	73759	71%
1	1. total salary/pay before deductions	10517	10.1%
2	2. take home pay	19646	18.9%
Sysmiss		2229517	

**DEDUCAMT1: deduction amount**

Data file: palmsv4incomes

**Overview**

Valid: 103221 Invalid: 2230218 Minimum: 0 Maximum: 12000 Mean: 74.564 Standard deviation: 379.322

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: palmsv4incomes

**Overview**

Valid: 70715 Invalid: 2262724 Minimum: 1 Maximum: 8888

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	1. none	91	0.1%
2	2. r 1 - r 2 400 per annum	605	0.9%

3	3. r 2 401 - r 6 000 per annum	639	0.9%
4	4. r 6 001 - r 12 000 per annum	520	0.7%
5	5. r 12 001 - r 18 000 per annum	273	0.4%
6	6. r 18 001 - r 30 000 per annum	321	0.5%
7	7. r 30 001 - r 42 000 per annum	179	0.3%
8	8. r 42 001 - r 54 000 per annum	138	0.2%
9	9. r 54 001 - r 72 000 per annum	180	0.3%
10	10. r 72 001 - r 96 000 per annum	79	0.1%
11	11. r 96 001 - r 132 000 per annum	96	0.1%
12	12. r 132 001 - r 192 000 per annum	89	0.1%
13	13. r 192 001 - r 360 000 per annum	78	0.1%
14	14. r 360 001 or more per annum	86	0.1%
15	15. don't know	365	0.5%
8888	8888. not applicable	66976	94.7%
Sysmiss		2262724	

## SELFEMPINCCAT2: total income at main job: category, for self-employed 96-98 ohs

Data file: palmsv4incomes

### Overview

Valid: 5387 Invalid: 2328052 Minimum: 0 Maximum: 16  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 16 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. missing	513	9.5%
1	1. none	50	0.9%
2	2. r 1 - r 2 400 per annum	531	9.9%
3	3. r 2 401 - r 6 000 per annum	728	13.5%
4	4. r 6 001 - r 12 000 per annum	723	13.4%
5	5. r 12 001 - r 18 000 per annum	454	8.4%
6	6. r 18 001 - r 30 000 per annum	543	10.1%
7	7. r 30 001 - r 42 000 per annum	333	6.2%
8	8. r 42 001 - r 54 000 per annum	267	5%
9	9. r 54 001 - r 72 000 per annum	256	4.8%
10	10. r 72 001 - r 96 000 per annum	207	3.8%
11	11. r 96 001 - r 132 000 per annum	220	4.1%

12	12. r 132 001 - r 192 000 per annum	142	2.6%
13	13. r 192 001 - r 360 000 per annum	150	2.8%
14	14. r 360 001-r540 000 per annum	110	2%
15	15. r540 001-r720 000 per annum	62	1.2%
16	16. r720 001 or more per annum	98	1.8%
Sysmiss		2328052	

## SELFEMPINCCAT3: total income at main job: category, for self-employed 95 ohs

Data file: palmsv4incomes

### Overview

Valid: 103332 Invalid: 2230107 Minimum: 0 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 30 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	0. missing/not applicable	101336	98.1%
1	1. no income	55	0.1%
2	2. r1 - r999	641	0.6%
3	3. r1 000 - r1 249	109	0.1%
4	4. r1 250 - r1 499	30	0%
5	5. r1 500 - r1 999	53	0.1%
6	6. r2 000 - r2 499	57	0.1%
7	7. r2 500 - r2 999	39	0%
8	8. r3 000 - r3 999	72	0.1%
9	9. r4 000 - r5 999	98	0.1%
10	10. r6 000 - r7 999	46	0%
11	11. r8 000 - r9 999	32	0%
12	12. r10 000 - r12 499	40	0%
13	13. r12 500 - r14 999	29	0%
14	14. r15 000 - r19 999	34	0%
15	15. r20 000 - r24 999	36	0%
16	16. r25 000 - r29 999	18	0%
17	17. r30 000 - r39 999	36	0%
18	18. r40 000 - r59 999	59	0.1%
19	19. r60 000 - r79 999	38	0%
20	20. r80 000 - r99 999	30	0%

21	21. r100 000 - r124 999	48	0%
22	22. r125 000 - r149 999	23	0%
23	23. r150 000 - r199 999	36	0%
24	24. r200 000 - r249 999	19	0%
25	25. r250 000 - r299 999	17	0%
26	26. r300 000 - r399 999	11	0%
27	27. r400 000 - r499 999	9	0%
28	28. r500 000 - r599 999	12	0%
29	29. r600 000 and over	45	0%
30	30. unspecified	224	0.2%
Sysmiss		2230107	

## SELFEMPINCCAT4: total monthly income at main job: category, for self-employed 94 ohs

Data file: palmsv4incomes

### Overview

Valid: 103922 Invalid: 2229517 Minimum: 0 Maximum: 14  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 14 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		97939	94.2%
1	1. none	69	0.1%
2	2. r1 - r99	266	0.3%
3	3. r100 - r199	725	0.7%
4	4. r200 - r499	1525	1.5%
5	5. r500 - r999	810	0.8%
6	6. r1 000 - r1 999	593	0.6%
7	7. r2 000 - r3 999	549	0.5%
8	8. r4 000 - r7 999	501	0.5%
9	9. r8 000 - r15 999	259	0.2%
10	10. r16 000 - r31 999	280	0.3%
11	11. r32 000- r63 999	80	0.1%
12	12. r64 000- r127 999	43	0%
13	13. r128 000+	24	0%
14	14. unspecified	259	0.2%
Sysmiss		2229517	

**SELFEMPEXPGOODS: expenses on goods in self-employment, ohs 96-98****Data file:** palmsv4incomes**Overview**

Valid: 14191    Invalid: 2319248    Minimum: 0    Maximum: 500000    Mean: 1257.687    Standard deviation: 11859.128  
Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 500000    Format: Numeric

---

**SELFEMPEXPNUM: expenses on remuneration in self-employment, ohs 96-98****Data file:** palmsv4incomes**Overview**

Valid: 14132    Invalid: 2319307    Minimum: 0    Maximum: 450000    Mean: 659.763    Standard deviation: 6885.99  
Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 450000    Format: Numeric

---

**SELFEMPEXPOTH: other expenses in self-employment, ohs 96-98****Data file:** palmsv4incomes**Overview**

Valid: 14112    Invalid: 2319327    Minimum: 0    Maximum: 500000    Mean: 403.053    Standard deviation: 6043.891  
Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 500000    Format: Numeric

---

**SELFEMPEXPALL: total expenses in self-employment, ohs 94 and 95****Data file:** palmsv4incomes**Overview**

Valid: 206724    Invalid: 2126715    Minimum: 0    Maximum: 99998    Mean: 144.005    Standard deviation: 2525.676  
Type: Continuous    Decimal: 0    Width: 5    Range: 0 - 99998    Format: Numeric

---

**PSLSD\_EARNINGS:****Data file:** palmsv4incomes**Overview**

Valid: 8592    Invalid: 2324847    Minimum: 0    Maximum: 180000    Mean: 1711.231    Standard deviation: 3611.536  
Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 180000    Format: Numeric

---

**UQNR: household id variable, as in original data****Data file: palmsv4miincomes****Overview**

Valid: 574202    Invalid: 0  
 Type: Discrete    Width: 14    Range: -    Format: character

**PERSONNR: person number****Data file: palmsv4miincomes****Overview**

Valid: 574202    Invalid: 0    Minimum: 1    Maximum: 27    Mean: 1.717    Standard deviation: 1.137  
 Type: Continuous    Decimal: 0    Width: 2    Range: 1 - 27    Format: Numeric

**WAVE: survey wave, pslds 1993=0, ohs 1994=1, qlfs dec 2015=54****Data file: palmsv4miincomes****Overview**

Valid: 574202    Invalid: 0    Minimum: 0    Maximum: 22  
 Type: Continuous    Decimal: 0    Width: 2    Range: 0 - 92    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	0. pslds 1993	9602	1.7%
1	1. ohs 1994	35044	6.1%
2	2. ohs 1995	32000	5.6%
3	3. ohs 1996	14692	2.6%
4	4. ohs 1997	27021	4.7%
5	5. ohs 1998	17452	3%
6	6. ohs 1999	26130	4.6%
7	7. lfs 00:1	11115	1.9%
8	8. lfs 00:2	28593	5%
9	9. lfs 01:1	30015	5.2%
10	10. lfs 01:2	26420	4.6%
11	11. lfs 02:1	28718	5%
12	12. lfs 02:2	25564	4.5%
13	13. lfs 03:1	25086	4.4%
14	14. lfs 03:2	24787	4.3%
15	15. lfs 04:1	24791	4.3%

16	16. lfs 04:2	25506	4.4%
17	17. lfs 05:1	26583	4.6%
18	18. lfs 05:2	26661	4.6%
19	19. lfs 06:1	27590	4.8%
20	20. lfs 06:2	26966	4.7%
21	21. lfs 07:1	27579	4.8%
22	22. lfs 07:2	26287	4.6%
23	23. qlfs 08:1	0	0%
24	24. qlfs 08:2	0	0%
25	25. qlfs 08:3	0	0%
26	26. qlfs 08:4	0	0%
27	27. qlfs 09:1	0	0%
28	28. qlfs 09:2	0	0%
29	29. qlfs 09:3	0	0%
30	30. qlfs 09:4	0	0%
31	31. qlfs 2010:1	0	0%
32	32. qlfs 2010:2	0	0%
33	33. qlfs 2010:3	0	0%
34	34. qlfs 2010:4	0	0%
35	35. qlfs 2011:1	0	0%
36	36. qlfs 2011:2	0	0%
37	37. qlfs 2011:3	0	0%
38	38. qlfs 2011:4	0	0%
39	39. qlfs 2012:1	0	0%
40	40. qlfs 2012:2	0	0%
41	41. qlfs 2012:3	0	0%
42	42. qlfs 2012:4	0	0%
43	43. qlfs 2013:1	0	0%
44	44. qlfs 2013:2	0	0%
45	45. qlfs 2013:3	0	0%
46	46. qlfs 2013:4	0	0%
47	47. qlfs 2014:1	0	0%
48	48. qlfs 2014:2	0	0%
49	49. qlfs 2014:3	0	0%
50	50. qlfs 2014:4	0	0%
51	51. qlfs 2015:1	0	0%
52	52. qlfs 2015:2	0	0%
53	53. qlfs 2015:3	0	0%
54	54. qlfs 2015:4	0	0%

55	55. qlfs 2016:1	0	0%
56	56. qlfs 2016:2	0	0%
57	57. qlfs 2016:3	0	0%
58	58. qlfs 2016:4	0	0%
59	59. qlfs 2017:1	0	0%
60	60. qlfs 2017:2	0	0%
61	61. qlfs 2017:3	0	0%
62	62. qlfs 2017:4	0	0%
63	63. qlfs 2018:1	0	0%
64	64. qlfs 2018:2	0	0%
65	65. qlfs 2018:3	0	0%
66	66. qlfs 2018:4	0	0%
67	67. qlfs 2019:1	0	0%
68	68. qlfs 2019:2	0	0%
69	69. qlfs 2019:3	0	0%
70	70. qlfs 2019:4	0	0%
71	71. qlfs 2020:1	0	0%
72	72. qlfs 2020:2	0	0%
73	73. qlfs 2020:3	0	0%
74	74. qlfs 2020:4	0	0%
75	75. qlfs 2021:1	0	0%
76	76. qlfs 2021:2	0	0%
77	77. qlfs 2021:3	0	0%
78	78. qlfs 2021:4	0	0%
79	79. qlfs 2022:1	0	0%
80	80. qlfs 2022:2	0	0%
81	81. qlfs 2022:3	0	0%
82	82. qlfs 2022:4	0	0%
83	83. qlfs 2023:1	0	0%
84	84. qlfs 2023:2	0	0%
85	85. qlfs 2023:3	0	0%
86	86. qlfs 2023:4	0	0%
87	87. qlfs 2024:1	0	0%
88	88. qlfs 2024:2	0	0%
89	89. qlfs 2024:3	0	0%
90	90. qlfs 2024:4	0	0%
91	91. qlfs 2025:1	0	0%
92	92. qlfs 2025:2	0	0%

**REALEARNINGS: real monthly earnings, in dec 2023 rands.****Data file: palmsv4miincomes****Overview**

Valid: 373435    Invalid: 200767    Minimum: 0    Maximum: 1910182.375    Mean: 7424.564    Standard deviation: 15189.097  
 Type: Continuous    Decimal: 2    Width: 10    Range: 0 - 1910182.375    Format: Numeric

---

**IMPUTED\_REAL\_V1:****Data file: palmsv4miincomes****Overview**

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 1910182.375    Mean: 9743.873    Standard deviation: 19245.568  
 Type: Continuous    Decimal: 2    Width: 10    Range: 0 - 1910182.375    Format: Numeric

---

**IMPUTED\_REAL\_V2:****Data file: palmsv4miincomes****Overview**

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 1910182.375    Mean: 9795.07    Standard deviation: 20448.941  
 Type: Continuous    Decimal: 2    Width: 10    Range: 0 - 1910182.375    Format: Numeric

---

**IMPUTED\_REAL\_V3:****Data file: palmsv4miincomes****Overview**

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 1910182.375    Mean: 9765.924    Standard deviation: 19932.931  
 Type: Continuous    Decimal: 2    Width: 10    Range: 0 - 1910182.375    Format: Numeric

---

**IMPUTED\_REAL\_V4:****Data file: palmsv4miincomes****Overview**

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 1910182.375    Mean: 9768.461    Standard deviation: 18925.068  
 Type: Continuous    Decimal: 2    Width: 10    Range: 0 - 1910182.375    Format: Numeric

---

**IMPUTED\_REAL\_V5:****Data file:** palmsv4miincomes**Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 1910182.375 Mean: 9791.226 Standard deviation: 19961.701  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_REAL\_V6:****Data file:** palmsv4miincomes**Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 1910182.375 Mean: 9792.769 Standard deviation: 19460.466  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_REAL\_V7:****Data file:** palmsv4miincomes**Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 1910182.375 Mean: 9780.178 Standard deviation: 19648.001  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_REAL\_V8:****Data file:** palmsv4miincomes**Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 1910182.375 Mean: 9778.478 Standard deviation: 19276.891  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_REAL\_V9:****Data file:** palmsv4miincomes**Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 1910182.375 Mean: 9794.478 Standard deviation: 19711.994  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_REAL\_V10:****Data file:** palmsv4miincomes

**Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 1910182.375 Mean: 9781.633 Standard deviation: 19911.508  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_REAL:****Data file: palmsv4miincomes****Overview**

Valid: 372176 Invalid: 202026 Minimum: 0 Maximum: 1910182.375 Mean: 7449.68 Standard deviation: 15208.616  
 Type: Continuous Decimal: 2 Width: 10 Range: 0 - 1910182.375 Format: Numeric

---

**IMPUTED\_NOM:****Data file: palmsv4miincomes****Overview**

Valid: 372176 Invalid: 202026 Minimum: 0 Maximum: 756333.938 Mean: 3154.519 Standard deviation: 6262.756  
 Type: Continuous Decimal: 2 Width: 9 Range: 0 - 756333.9375 Format: Numeric

---

**IMPUTED\_NOM\_V1:****Data file: palmsv4miincomes****Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 756333.938 Mean: 4093.437 Standard deviation: 7938.368  
 Type: Continuous Decimal: 2 Width: 9 Range: 0 - 756333.9375 Format: Numeric

---

**IMPUTED\_NOM\_V2:****Data file: palmsv4miincomes****Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 756333.938 Mean: 4115.196 Standard deviation: 8416.399  
 Type: Continuous Decimal: 2 Width: 9 Range: 0 - 756333.9375 Format: Numeric

---

**IMPUTED\_NOM\_V3:****Data file: palmsv4miincomes****Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 756333.938 Mean: 4100.772 Standard deviation: 8135.153

Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 756333.9375    Format: Numeric

---

### IMPUTED\_NOM\_V4:

Data file: palmsv4miincomes

#### Overview

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 756333.938    Mean: 4104.351    Standard deviation: 7831.625  
 Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 756333.9375    Format: Numeric

---

### IMPUTED\_NOM\_V5:

Data file: palmsv4miincomes

#### Overview

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 756333.938    Mean: 4113.659    Standard deviation: 8221.932  
 Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 756333.9375    Format: Numeric

---

### IMPUTED\_NOM\_V6:

Data file: palmsv4miincomes

#### Overview

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 756333.938    Mean: 4112.578    Standard deviation: 8066.867  
 Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 756333.9375    Format: Numeric

---

### IMPUTED\_NOM\_V7:

Data file: palmsv4miincomes

#### Overview

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 756333.938    Mean: 4106.791    Standard deviation: 8071.787  
 Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 756333.9375    Format: Numeric

---

### IMPUTED\_NOM\_V8:

Data file: palmsv4miincomes

#### Overview

Valid: 540804    Invalid: 33398    Minimum: 0    Maximum: 756333.938    Mean: 4107.524    Standard deviation: 7967.578  
 Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 756333.9375    Format: Numeric

---

**IMPUTED\_NOM\_V9:****Data file: palmsv4miincomes****Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 756333.938 Mean: 4114.782 Standard deviation:  
8178.088  
Type: Continuous Decimal: 2 Width: 9 Range: 0 - 756333.9375 Format: Numeric

---

**IMPUTED\_NOM\_V10:****Data file: palmsv4miincomes****Overview**

Valid: 540804 Invalid: 33398 Minimum: 0 Maximum: 756333.938 Mean: 4107.971 Standard deviation:  
8237.437  
Type: Continuous Decimal: 2 Width: 9 Range: 0 - 756333.9375 Format: Numeric

---

# Download related resources

## Technical documents

### A guide to version 4 of the Post-Apartheid Labour Market Series

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Title	A guide to version 4 of the Post-Apartheid Labour Market Series
Author(s)	Kerr, A. and Wittenberg, M.
Date	2025-01-01
Country	South Africa
Language	English
Contributor(s)	This is the user guide for the dataset
Filename	palms-1993-2025-v4-guide.pdf

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## Other materials

### A guide to version 4 of the Post-Apartheid Labour Market Series

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Title	A guide to version 4 of the Post-Apartheid Labour Market Series
Author(s)	Kerr, A. and Wittenberg, M.
Date	2025-01-01
Country	South Africa
Language	English
Contributor(s)	This is the user guide for the dataset
Description	This is the guide for using the data
Filename	palms-1993-2025-v4-guide.pdf

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