

South Africa - Manpower Survey 1965-1994

**South African Department of Labour - Government of South Africa, Central
Statistical Service (CSS) (now Statistics South Africa) - Government of South Africa**

Report generated on: June 29, 2015

Visit our data catalog at: <http://www.datafirst.uct.ac.za/dataportal/index.php>

Overview

Identification

ID NUMBER

zaf-css-ms-1965-1994-v1.2

Version

VERSION DESCRIPTION

Version 1.2: Edited, anonymised dataset for licensed distribution

PRODUCTION DATE

2015-06-29

NOTES

Version 1 of the dataset was obtained by DataFirst in March 2013. In version 1.1 of this dataset DataFirst has merged the data files and created variable labels, and provided documentation for the surveys. Version 1.2 was released on 29 June 2015. Version 1.2 has the following changes

The 780 values in the "occupation" variable have been labelled

The "year" variable is now a 4 digit date.

The variable "afdeling" has been translated to English as "section".

Variable G9 has been deleted as it wasn't clear what this variable represents in the data.

Overview

ABSTRACT

The Manpower Survey is a survey of enterprises in South Africa that collected industry and occupation data by gender and race for each enterprise. It covered both the private and public sector, but excluded workers in the informal sector and agricultural sector, and domestic workers in private households. Enterprise details for the survey sample were obtained from government sources, and the survey instrument was a form mailed to enterprise managers.

The dataset available from DataFirst is not at firm level, but is rather the industry and occupation data by gender and race available from the survey reports. This country-level data is from the Manpower Surveys conducted in 1965-1994, unearthed in a project to find and share historical South African microdata. The data was obtained with the assistance of Lucia Lotter, Anneke Jordaan and Marie-Lousie van Wyk from the Human Sciences Research Council's Research Use and Impact Assessment Department. The project was made possible by an exploratory grant obtained by Andrew Kerr and Martin Wittenberg of DataFirst from the Private Enterprise Development in Low-Income Countries (PEDL) research initiative. PEDL is a joint research initiative of the Centre for Economic Policy Research (CEPR) and the UK Department For International Development (DFID). It aims to develop a research programme focusing on private-sector development in low-income countries.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Units of analysis in the survey include firms and individuals

Scope

NOTES

The Manpower Survey records employment by race and gender for occupations in both private and public enterprises in the

formal non-agricultural business sector. It excludes domestic workers in private households.

The surveys conducted by the Department of Labour between 1965 and 1985 have the following industry groupings:

1. Forestry
2. Fishing
3. Mining
4. Food, beverage and tobacco
5. Textiles
6. Clothing
7. Wood and furniture
8. Printing
9. Paper
10. Rubber products
11. Leather and shoe
12. Glass, cement, bricks
13. Metal and engineering
14. Motor industry
15. Jewellers and opticians
16. Commerce
17. Financial organisations
18. Transport
19. Local authorities
20. Hotels and clubs
21. Other personal services
22. Medical, professional, education and related services
23. Government, SAR&H (South African Railways and Harbours) and administrations

The surveys conducted by the Central Statistical Service (now Statistics SA) were grouped by the non-agricultural industrial sectors and sub-groups in the Standard Industrial Classification of All Economic Activities (SIC) 5th edition

http://www.statssa.gov.za/additional_services/sic/sic.htm

Occupational breakdown within these industrial groups was done according to the International Standard Classification of Occupations (ISCO) http://www.statssa.gov.za/additional_services/Codelists/Occupational.pdf

TOPICS

Topic	Vocabulary	URI
Labor Markets	World Bank	

Coverage

GEOGRAPHIC COVERAGE

The survey had national coverage, but excluded the "independent" " homelands" of Bophuthatswana and Transkei (excluded from 1979) Venda (1981) and the Ciskei (1983).

UNIVERSE

The universe of the survey were enterprises in the formal non-agricultureal sector in South Africa

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
South African Department of Labour	Government of South Africa
Central Statistical Service (CSS) (now Statistics South Africa)	Government of South Africa

FUNDING

Name	Abbreviation	Role
Project for Private Enterprise Development in Low Income Countries	PEDL	Funder

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
DataFirst		University of Cape Town	Metadata producer

DATE OF METADATA PRODUCTION

2015-06-29

DDI DOCUMENT VERSION

version 3

DDI DOCUMENT ID

ddi-zaf-datafirst-ms-1965-1994-v1.1

Sampling

Sampling Procedure

The survey sample is based on lists of companies obtained from the databases of the Compensation Fund and Unemployment Insurance Fund of the South African Department of Labour) and the South African Tourism Board. During the time the surveys were conducted by the Department of labour (1965-1985), the sample of companies was 250,000. The survey was taken over by the Central Statistical Service (now Statistics South Africa) in 1987 who rationalised the sample to 12,800 companies in 1989, and later to 8500.

The sample excludes domestic workers in private household, and workers in the agricultural and informal sectors. The firms were classified into industries, based on the Standard Industrial Classification of all Economic Activities. Where these firms consisted of more than one establishment in more than one sector the firm was classified according to the sector in which it is predominantly engaged. Thus, although workers in the agricultural sector are not covered these may be included in firm data for those firms which include more than one establishment, and where one of the establishments is involved in agricultural production.

Entities in the "independent" " homelands" were excluded from the survey. These included Bophuthatswana and Transkei (excluded from 1979) Venda (1981) and the Ciskei (1983).

Response Rate

Since the questionnaire was completed by company managers, the response rate of the sample is very high (around 90 per cent)

Questionnaires

Overview

The 1965-1985 questionnaire from the Department of Labour has 5 Sections:

Section A: To be completed for all employees except artisans, apprentices and "Bantu" building workers

Section B: To be completed for male artisans and apprentices only

Section C: To be completed for women artisans and apprentices only

Section D: To be completed for "Bantu" building workers only ("skilled Bantu building workers and learners registered in terms of the Bantu Building Workers' Act")

Section E: To be completed for all employees (total number of employees)

The 1987-1994 questionnaire from the Central Statistical Service has 4 Sections:

Section 1: To be completed for all employees except artisans, apprentices

Section 2: To be completed for artisans only (men and women)

Section 3: To be completed for apprentices only (men and women)

Section 4: To be completed for all employees (total number of employees)

The variable ("section" in Afrikaans) in the data represents the sections of the questionnaire. However, this variable only has 3 values. It is not clear how these 3 categories have been constructed from data from sections in the two different questionnaires.

Data Collection

Data Collection Dates

Start	End	Cycle
1965	1965	N/A
1967	1967	N/A
1969	1969	N/A
1971	1971	N/A
1973	1973	N/A
1975	1975	N/A
1977	1977	N/A
1979	1979	N/A
1981	1981	N/A
1983	1983	N/A
1985	1985	N/A
1987	1994	N/A

Data Collection Mode

Mail Questionnaire [mail]

Data Collection Notes

The questionnaire for the survey was a form mailed to enterprise managers to complete and return.

Questionnaires

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The variable ("section" in Afrikaans) in the data represents the sections of the questionnaire. However, this variable only has 3 values. It is not clear how these 3 categories have been constructed from data from sections in the two different questionnaires.

Data Processing

No content available

Data Appraisal

Other forms of Data Appraisal

DATA RELIABILITY

The Manpower survey enables investigations of long-term changes in the occupational and racial division of labour during the period 1965-1994. It is the only data source for this period that distinguishes artisans and apprentices from other manual workers, which allows analysis of these occupations over time. However, the data is not reliable at disaggregated levels because of the following:

- (1) Both agriculture and the informal sector are excluded from the survey universe. These sectors are major employers in the South African economy.
- (2) Domestic workers in private households are also excluded from the sample.
- (3) The survey does not cover the unemployed and is therefore not representative of the economically active population.
- (4) Although this is an occupational survey, the information on occupations is derived from samples based on total employment within industries.
- (5) A new sample was drawn by the Central Statistical Service when they took over the Manpower Survey from the Department of Manpower in 1987, causing a break in the series.

QUESTIONNAIRES

Finally, the variable ("section" in Afrikaans) in the data refers the sections of the questionnaire. However, this variable only has 3 values, which do not match the 5 sections in the DOL questionnaire or the 4 sections in the CSS version of the questionnaire (see the Questionnaires metadata for more on this) It is not clear how these 3 categories have been constructed from data from sections in the two different questionnaires.

CODING OF INDUSTRIES

The Standard Industrial Classification codelist used to code industries in the survey seems to have been the ISIC revision 2. The codelist is provided here with the data, and is also available from the United Nations Statistics Division's website, at <http://unstats.un.org/unsd/cr/registry/regdnld.asp?Lg=1>

File Description

Variable List

manpower-survey-v1.2-stata12

Content

Cases 165583

Variable(s) 13

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V15	year		contin	numeric	
V16	section		discrete	numeric	
V17	sector		contin	numeric	
V18	occupation		discrete	numeric	
V19	white_men		contin	numeric	
V20	white_women		contin	numeric	
V21	coloured_men		contin	numeric	
V22	coloured_women		contin	numeric	
V23	Indian_men		contin	numeric	
V24	Indian_women		contin	numeric	
V25	black_men		contin	numeric	
V26	black_women		contin	numeric	
V27	vacancies		contin	numeric	

(year)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 165583
Format: numeric	Invalid: 0
Width: 4	Minimum: 1965
Decimals: 0	Maximum: 1994
Range: 1965-1994	Mean: 1983.6
	Standard deviation: 8.8

(section)

File: manpower-survey-v1.2-stata12

Overview

Type: Discrete	Valid cases: 165575
Format: numeric	Invalid: 8
Width: 1	
Decimals: 0	
Range: 1-3	

(sector)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 165583
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 952
Range: 0-952	Mean: 507.1
	Standard deviation: 244.1

(occupation)

File: manpower-survey-v1.2-stata12

Overview

Type: Discrete	Valid cases: 165562
Format: numeric	Invalid: 21
Width: 6	
Decimals: 0	
Range: 111100-889000	

(white_men)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 149046
Format: numeric	Invalid: 16537
Width: 5	Minimum: 0
Decimals: 0	Maximum: 33884
Range: 0-33884	Mean: 123.9
	Standard deviation: 610.2

(white_women)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 112095
Format: numeric	Invalid: 53488
Width: 5	Minimum: 0
Decimals: 0	Maximum: 49380
Range: 0-49380	Mean: 95.1
	Standard deviation: 840.6

(coloured_men)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 115304
Format: numeric	Invalid: 50279
Width: 5	Minimum: 0
Decimals: 0	Maximum: 22179
Range: 0-22179	Mean: 59.6
	Standard deviation: 447.9

(coloured_women)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 98636
Format: numeric	Invalid: 66947
Width: 5	Minimum: 0
Decimals: 0	Maximum: 41492
Range: 0-41492	Mean: 43.4
	Standard deviation: 509.4

(Indian_men)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 109019
Format: numeric	Invalid: 56564
Width: 5	Minimum: 0
Decimals: 0	Maximum: 12241
Range: 0-12241	Mean: 25.1
	Standard deviation: 185.9

(Indian_women)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 93078
Format: numeric	Invalid: 72505
Width: 5	Minimum: 0
Decimals: 0	Maximum: 22193
Range: 0-22193	Mean: 12.2
	Standard deviation: 208.5

(black_men)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 119555
Format: numeric	Invalid: 46028
Width: 6	Minimum: 0
Decimals: 0	Maximum: 366957
Range: 0-366957	Mean: 380.7
	Standard deviation: 4486.3

(black_women)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 97920
Format: numeric	Invalid: 67663
Width: 5	Minimum: 0
Decimals: 0	Maximum: 39413
Range: 0-39413	Mean: 86.1
	Standard deviation: 868.2

(vacancies)

File: manpower-survey-v1.2-stata12

Overview

Type: Continuous	Valid cases: 103081
Format: numeric	Invalid: 62502
Width: 5	Minimum: 0
Decimals: 0	Maximum: 20968
Range: 0-20968	Mean: 18.6
	Standard deviation: 201.4

Documentation

Questionnaires

Manpower Survey no. 11

Title Manpower Survey no. 11
 Date 1965-04-25
 Country South Africa
 Language English
 Publisher(s) South African Department of Labour
 Description This is the survey instrument for the 1975 Manpower Survey
 Filename Q_Manpower Survey 1975.pdf

Manpower Survey No. 17

Title Manpower Survey No. 17
 Date 1987-04-24
 Country South Africa
 Language English
 Publisher(s) Central Statistical Service (now Statistics South Africa)
 Description This is the survey instrument for the 1987 Manpower Survey
 Filename Q_Manpower Survey 1987.pdf

Reports

Department of Labour Manpower Survey No. 1B

Title Department of Labour Manpower Survey No. 1B
 Country South Africa
 Language English
 Filename ms-1956-report-1b.pdf

Union of South Africa Department of Labour Manpower Survey 1961

Title Union of South Africa Department of Labour Manpower Survey 1961
 Country South Africa
 Language English
 Filename ms-1961-report.pdf

Manpower Survey No. 6

Title Manpower Survey No. 6
 Country South Africa
 Language English
 Filename ms-1965-report-6.pdf

Manpower Survey No. 7

Title Manpower Survey No. 7
Country South Africa
Language English
Filename ms-1967-report-7.pdf

Manpower Survey No. 8

Title Manpower Survey No. 8
Country South Africa
Language English
Filename ms-1969-report-8.pdf

Manpower Survey No. 9

Title Manpower Survey No. 9
Country South Africa
Language English
Filename ms-1971-report-9.pdf

Manpower Survey No.10

Title Manpower Survey No.10
Country South Africa
Language English
Filename ms-1973-report-10.pdf

Summary of the results of Manpower Survey No.11

Title Summary of the results of Manpower Survey No.11
Country South Africa
Language English
Filename ms-1975-report-11.pdf

Summary of the results of Manpower Survey No. 12

Title Summary of the results of Manpower Survey No. 12
Country South Africa
Language English
Filename ms-1977-report-12.pdf

Summary of the results of Manpower Survey No. 13

Title Summary of the results of Manpower Survey No. 13
Country South Africa
Language English
Filename ms-1979-report-13.pdf

Manpower Survey No. 14

Title Manpower Survey No. 14

Country South Africa
Language English
Filename ms-1981-report-14.pdf

Manpower Survey No. 15

Title Manpower Survey No. 15
Country South Africa
Language English
Filename ms-1983-report-15.pdf

Summary of the results of Manpower Survey 1984

Title Summary of the results of Manpower Survey 1984
Country South Africa
Language English
Filename ms-1984-report.pdf

Summary of the results of Manpower Survey No. 16

Title Summary of the results of Manpower Survey No. 16
Country South Africa
Language English
Filename ms-1985-report-16.pdf

Manpower Survey No. 17

Title Manpower Survey No. 17
Country South Africa
Language English
Filename ms-1987-report-17.pdf

Manpower Survey 1988

Title Manpower Survey 1988
Country South Africa
Language English
Filename ms-1988-report.pdf

Manpower Survey 1989

Title Manpower Survey 1989
Country South Africa
Language English
Filename ms-1989-report.pdf

Manpower Survey 1990

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Country South Africa
Language English
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Manpower Survey 1991

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 Language English
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Manpower Survey 1993

Title Manpower Survey 1993
 Country South Africa
 Language English
 Filename ms-1993-report.pdf

Manpower Survey 1994

Title Manpower Survey 1994
 Country South Africa
 Language English
 Filename ms-1994-report.pdf

Technical documents

[ISIC codes revision2]

Title [ISIC codes revision2]
 Country South Africa
 Language English
 Publisher(s) United Nations Statistics Division (UNSD)
 Description This is the international industrial code list which was used to code industries in the survey
 Filename ISIC_Rev_2.pdf

[Manpower Survey 1971a]

Title [Manpower Survey 1971a]
 Date 1971-01-01
 Country South Africa
 Language English
 Contributor(s) This is the full completed form from the 1971 survey
 Filename ms-1971-report-9a.pdf
