

Sri Lanka

Statistics Division - Department of Labour, Ministry of Labour Relations and  
Manpower

## Annual Employment Survey - 1989

Study Documentation

August 28, 2009

# Metadata Production

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Sri Lanka (1989)  
Annual Employment Survey - 1989 (EMS 1989)

Overview	
Type	Enterprise Survey [en/oth]
Identification	LKA-DOL-EMS-1989-v1.0
Version	Production Date: 2008-07-22 v1.0: Full edited dataset, original version for internal use of the Department of Labour.
Series	This is the 15th survey in the series of Annual Employment Surveys conducted by the Statistics Division of the Department of Labour. The First Survey of this series had been conducted in 1971. The main objective of the survey is to collect employment related information in the organised sector establishments in the country. The survey covers establishments with five or more paid employees in the private sector and also semi-government institutions in the public sector.
<p><u>Abstract</u></p> <p>The Annual Employment Survey of Sri Lanka conducted by the Department of Labour has been designed to measure the levels and trends of the private sector and semi-government sector employment of the country over a period of time.</p> <p>The main objective of the survey is to collect employment related information in the organised sector establishments of the country</p>	
Kind of Data	Sample survey data [ssd]
Unit of Analysis	The survey covers establishments in both Public and Private sectors.

## Scope & Coverage

### Scope

The scope of EMS 1989 includes the following key sections:-

#### Establishment particulars

- Name of establishment
- Location and full address
- Telephone number
- District of assistant commissioner of labour
- Revenue district
- DS division
- MC/UC area
- Telephone number and address of head office
- Nature of economic activity

#### Classification of employees (Sri Lankan and Non Sri Lankan employees)

- Number of permanent employees
- Number of temporary employees
- Number of casual employees
- Number of learners and apprentices

#### Details of occupational categories

- Number of men and women in administrative & managerial category (Adults/Under 18 years)
- Number of men and women in professional/technical and related category (Adults/Under 18 years)
- Number of men and women in clerical and related category (Adults/Under 18 years)
- Number of men and women in sales workers category (Adults/Under 18 years)
- Number of men and women in supervisor and foremen category (Adults/Under 18 years)
- Number of men and women in skilled and semi-skilled category (Adults/Under 18 years)
- Number of men and women in unskilled category (Adults/Under 18 years)

Topics	employment [3.1], labour relations/conflict [3.3]
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### Geographic Coverage

#### National coverage

Although this is a national level survey, coverage of Northern and Eastern provinces was not at a sufficient level of response due to the prevailing situation in this area.

The coverage was also limited because of the fact that there was no complete list of establishments for the whole country at the time of the survey.

### Universe

The survey covered establishments with five or more paid employees in private sector and also semi-government institutions in public sector.

## Producers & Sponsors

Primary Investigator(s)	Statistics Division - Department of Labour, Ministry of Labour Relations and Manpower
Funding Agency/ies	Government of Sri Lanka (GOSL)

## Sampling

### Sampling Procedure

A complete list of establishments ( survey frame ) was available at the time of the first survey started in 1971. This list was compiled along with the list of buildings in the country prepared for the Census of Population and Housing 1971. There were about 22,500 establishments with 5 or more paid employees and thereafter this survey frame was updated annually, taking new registrations from the Employees Provident Fund lists.

### Construction of indices:

Index numbers of employment are calculated with 1971 as the base year, and using the link relative method. Indices are computed for each major industry division,

### Weighting of sample results:

The employment estimates are not weighted

### Adjustments:

Non response : there are no adjustments for non response

Other bias : no adjustments have been made for any other bias.

Use of bench mark data : none

Seasonal variations : not relevant

### Indicators of reliability of the estimates :

Coverage of the sampling frame : coverage is limited, as there is no complete list of establishments for the whole country.

Sampling error/Sampling variance : not relevant

Non response rate :

Non sampling errors : the main known source of bias is the limited coverage of the survey due to the lack of a complete list of establishments for the whole country.

### Deviations from Sample Design

The coverage of the survey was badly affected due to the limiting factors such as the non availability of a complete list of establishments for the whole country and the nature of the method of data collection (postal survey method).

### Response Rate

66.1% \* This value is not correct. replace 1990 value

## Data Collection

Data Collection Dates	start 1989-07-01 end 1989-07-31
Data Collection Mode	Mail Questionnaire [mail]

### Data Collection Notes

1. Schedules were posted in the months of July/August.
2. Reminders were sent to the non-responding establishments in September
3. Parallel to the postal questionnaire, DCS officers visited the non-responding institutions to collect data.
4. The data collection procedure continued till December.

### Questionnaires

The questionnaire used in the Annual Employment Survey consists of three main parts.

They are :

1. Establishment particulars
2. Classification of employees
3. Occupational category

The questionnaire was printed in Sinhala, Tamil and English.

#### Supervision

Two Statistical officers were engaged in the supervision activities pertaining to sending and receiving the questionnaires, coding and tabulation of data.

### Data Processing & Appraisal

#### Data Editing

An edit program was run to edit the raw data files.

Depending on the absence or presence of errors, the records in the raw data file were separated into an error free file and a rejects file respectively. From the rejects file, a error report was generated indicating the reason for rejection of each record. The errors were checked and manually corrected on the report by referring to the questionnaire. Based on the corrected report, error records were updated by data entry operators.

The edit program was run again to edit the rejects file and the error free records were added to the error free file. If the rejects file was not empty the edit process was repeated.

#### Other Processing

The whole Data processing cycle included the following steps.

1. Accepting the filled questionnaires
2. Do a visual check for completeness
3. Preliminary editing and coding
4. Entry of data
5. Editing - Run edit program
6. Editing - Produce error report and return to the Statistical Division of the Labour Department.
7. Editing - Correction of errors on the edit printout.
8. Editing - Change incorrect data using the corrected error printout
9. Editing - Re-run the edit program and repeat the error correction procedure
10. Consolidation of edited data files to prepare the Master file.
11. Produce final tables specified by the Statistical Division of the Labour Department..

### Accessibility

Access Authority	Commissioner General of Labour (Department of Labour) , <a href="http://www.labourdept.gov.lk">www.labourdept.gov.lk</a>
Contact(s)	Deputy Director (Labour Statistics Division) , <a href="http://www.labourdept.gov.lk">www.labourdept.gov.lk</a> , <a href="mailto:labourst@sltnet.lk">labourst@sltnet.lk</a>

#### Confidentiality

The degree of confidentiality of this microdata set is determined by the Access Authority. Please refer to the Access Authority for further details.

#### Access Conditions

Please contact the Access Authority for Access Terms and Conditions.



Citation Requirements

"Department of Labour, Annual Employment Survey 1989, Version 1.0 of the public use dataset ( July 2008 )

**Rights & Disclaimer**

Disclaimer

The Department of Labour bears no responsibility for any results or interpretations arising from the secondary use of data.

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## Files Description

Dataset contains 1 file(s)

Employment Survey 1989 Data	
# Cases	3525
# Variable(s)	50
<u>File Content</u> The file contains the data related to the Annual Employment Survey Questionnaire.	
<u>Producer</u> Department of Labour	

# Variables List

Dataset contains 50 variable(s)

File Employment Survey 1989 Data							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">Record_Type</a>	Record Type	discrete	numeric-1.0	3525	0	-
2	<a href="#">SerialNumber</a>	Serial Number	discrete	numeric-4.0	3525	0	-
3	<a href="#">Sector</a>	Sector	discrete	numeric-1.0	3525	0	-
4	<a href="#">Area</a>	Area	discrete	numeric-4.0	3525	0	-
5	<a href="#">Industry</a>	Industry	discrete	numeric-5.0	3525	0	-
6	<a href="#">Corporation</a>	Corporation code	discrete	numeric-3.0	1379	2146	-
7	<a href="#">Sec_A_SL_2</a>	Sri Lankan - Permanant employees	discrete	numeric-4.0	3429	96	-
8	<a href="#">Sec_A_SL_3</a>	Sri Lankan - Temporary employees	discrete	numeric-4.0	1232	2293	-
9	<a href="#">Sec_A_SL_4</a>	Sri Lankan - Casual employees	discrete	numeric-4.0	1325	2200	-
10	<a href="#">Sec_A_SL_5</a>	Sri Lankan - Apperentice employees	discrete	numeric-4.0	467	3058	-
11	<a href="#">Sec_A_NSL_2</a>	Non Sri Lankan - Permanant employees	discrete	numeric-4.0	392	3133	-
12	<a href="#">Sec_A_NSL_3</a>	Non Sri Lankan - Temporary employees	discrete	numeric-4.0	104	3421	-
13	<a href="#">Sec_A_NSL_4</a>	Non Sri Lankan - Casual employees	discrete	numeric-4.0	150	3375	-
14	<a href="#">Sec_A_NSL_5</a>	Non Sri Lankan - Apprentice employees	discrete	numeric-4.0	6	3519	-
15	<a href="#">Sec_B_1_3</a>	Adult Male - Administrative	discrete	numeric-4.0	2567	958	-
16	<a href="#">Sec_B_1_4</a>	Adult Female - Administrative	discrete	numeric-4.0	535	2990	-
17	<a href="#">Sec_B_1_5</a>	Below 18 Male - Administrative	discrete	numeric-4.0	16	3509	-
18	<a href="#">Sec_B_1_6</a>	Below 18 Female - Administrative	discrete	numeric-4.0	6	3519	-
19	<a href="#">Prog_Define1</a>	Programmer Defined Variable 1	discrete	character-52	3525	-	-
20	<a href="#">Sec_B_2_3</a>	Adult Male - Professional	discrete	numeric-4.0	1225	2300	-
21	<a href="#">Sec_B_2_4</a>	Adult Female - Professional	discrete	numeric-4.0	527	2998	-
22	<a href="#">Sec_B_2_5</a>	Below 18 Male - Professional	discrete	numeric-4.0	8	3517	-
23	<a href="#">Sec_B_2_6</a>	Below 18 Female - Professional	discrete	numeric-4.0	5	3520	-
24	<a href="#">Sec_B_3_3</a>	Adult Male - Clerical	discrete	numeric-4.0	2375	1150	-
25	<a href="#">Sec_B_3_4</a>	Adult Female - Clerical	discrete	numeric-4.0	1814	1711	-

Annual Employment Survey - 1989 - Variables List

File Employment Survey 1989 Data (cont.)							
#	Name	Label	Type	Format	Valid	Invalid	Question
26	<a href="#">Sec_B_3_5</a>	Below 18 Male - Clerical	discrete	numeric-4.0	5	3520	-
27	<a href="#">Sec_B_3_6</a>	Below 18 Female - Clerical	discrete	numeric-4.0	4	3521	-
28	<a href="#">Sec_B_4_3</a>	Adult Male - Sales	discrete	numeric-4.0	896	2629	-
29	<a href="#">Sec_B_4_4</a>	Adult Female - Sales	discrete	numeric-4.0	403	3122	-
30	<a href="#">Sec_B_4_5</a>	Below 18 Male - Sales	discrete	numeric-4.0	9	3516	-
31	<a href="#">Sec_B_4_6</a>	Below 18 Female - Sales	discrete	numeric-4.0	3	3522	-
32	<a href="#">Prog_Define2</a>	Programmer Defined Variable 2	discrete	character-52	3525	-	-
33	<a href="#">Sec_B_5_3</a>	Adult Male - Supervisors	discrete	numeric-4.0	1122	2403	-
34	<a href="#">Sec_B_5_4</a>	Adult Female - Supervisors	discrete	numeric-4.0	299	3226	-
35	<a href="#">Sec_B_5_5</a>	Below 18 Male - Supervisors	discrete	numeric-4.0	7	3518	-
36	<a href="#">Sec_B_5_6</a>	Below 18 Female - Supervisors	discrete	numeric-4.0	2	3523	-
37	<a href="#">Sec_B_6_3</a>	Adult Male - Skilled	discrete	numeric-4.0	1945	1580	-
38	<a href="#">Sec_B_6_4</a>	Adult Female - Skilled	discrete	numeric-4.0	742	2783	-
39	<a href="#">Sec_B_6_5</a>	Below 18 Male - Skilled	discrete	numeric-4.0	31	3494	-
40	<a href="#">Sec_B_6_6</a>	Below 18 Female - Skilled	discrete	numeric-4.0	18	3507	-
41	<a href="#">Sec_B_7_3</a>	Adult Male - Unskilled	continuous	numeric-4.0	2234	1291	-
42	<a href="#">Sec_B_7_4</a>	Adult Female - Unskilled	discrete	numeric-4.0	1080	2445	-
43	<a href="#">Sec_B_7_5</a>	Below 18 Male - Unskilled	discrete	numeric-4.0	117	3408	-
44	<a href="#">Sec_B_7_6</a>	Below 18 Female - Unskilled	discrete	numeric-4.0	79	3446	-
45	<a href="#">Prog_Define3</a>	Programmer Defined Variable 3	discrete	character-52	3525	-	-
46	<a href="#">Year1</a>	Year1	discrete	numeric-4.0	3521	4	-
47	<a href="#">Year2</a>	Year2	discrete	numeric-4.0	0	3525	-
48	<a href="#">Year3</a>	Year3	discrete	numeric-4.0	0	3525	-
49	<a href="#">Prog_Define7</a>	Programmer Defined Variable 4	discrete	character-68	3525	-	-
50	<a href="#">Prog_Define8</a>	Programmer Defined Variable 5	discrete	numeric-2.0	0	3525	-

# Variables Description

Dataset contains 50 variable(s)

## File Employment Survey 1989 Data

### #1 Record\_Type: Record Type

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		3525	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #2 SerialNumber: Serial Number

Information	[Type= discrete] [Format=numeric] [Range= 1-5902] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-] [Invalid=0 /-]

Frequency table not shown (638 Modalities)

### #3 Sector: Sector

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Private	2146	60.9%
2	Public	1379	39.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #4 Area: Area

Information	[Type= discrete] [Format=numeric] [Range= 1101-9275] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-] [Invalid=0 /-]

Frequency table not shown (309 Modalities)

### #5 Industry: Industry

Information	[Type= discrete] [Format=numeric] [Range= 1050-96900] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-] [Invalid=0 /-]

Frequency table not shown (386 Modalities)

### #6 Corporation: Corporation code

Information	[Type= discrete] [Format=numeric] [Range= 1-231] [Missing=*]
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## File Employment Survey 1989 Data (cont.)

## #6 Corporation: Corporation code (cont.)

Statistics [NW/ W]	[Valid=1379 /-] [Invalid=2146 /-]
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## #7 Sec\_A\_SL\_2: Sri Lankan - Permanant employees

Information	[Type= discrete] [Format=numeric] [Range= 1-6690] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=3429 /-] [Invalid=96 /-] [Mean=115.408 /-] [StdDev=320.237 /-]
--------------------	---

Frequency table not shown (519 Modalities)
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## #8 Sec\_A\_SL\_3: Sri Lankan - Temporary employees

Information	[Type= discrete] [Format=numeric] [Range= 0-4400] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=1232 /-] [Invalid=2293 /-] [StdDev=63.956 /-]
--------------------	--

Frequency table not shown (107 Modalities)
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## #9 Sec\_A\_SL\_4: Sri Lankan - Casual employees

Information	[Type= discrete] [Format=numeric] [Range= 0-3995] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=1325 /-] [Invalid=2200 /-] [Mean=34.971 /-] [StdDev=190.073 /-]
--------------------	--

Frequency table not shown (164 Modalities)
--

## #10 Sec\_A\_SL\_5: Sri Lankan - Apperentice employees

Information	[Type= discrete] [Format=numeric] [Range= 0-697] [Missing=*]
-------------	--

Statistics [NW/ W]	[Valid=467 /-] [Invalid=3058 /-] [Mean=10.961 /-] [StdDev=26.378 /-]
--------------------	--

Frequency table not shown (54 Modalities)
---

## #11 Sec\_A\_NSL\_2: Non Sri Lankan - Permanant employees

Information	[Type= discrete] [Format=numeric] [Range= 0-1057] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=392 /-] [Invalid=3133 /-] [Mean=140.334 /-] [StdDev=192.17 /-]
--------------------	---

Frequency table not shown (192 Modalities)
--

## #12 Sec\_A\_NSL\_3: Non Sri Lankan - Temporary employees

Information	[Type= discrete] [Format=numeric] [Range= 0-60] [Missing=*]
-------------	---

Statistics [NW/ W]	[Valid=104 /-] [Invalid=3421 /-] [Mean=29.99 /-] [StdDev=56.77 /-]
--------------------	--

Frequency table not shown (44 Modalities)
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## File Employment Survey 1989 Data (cont.)

## #13 Sec\_A\_NSL\_4: Non Sri Lankan - Casual employees

Information	[Type= discrete] [Format=numeric] [Range= 0-175] [Missing=*]
Statistics [NW/ W]	[Valid=150 /-] [Invalid=3375 /-] [Mean=53.113 /-] [StdDev=86.949 /-]
Frequency table not shown (71 Modalities)	

## #14 Sec\_A\_NSL\_5: Non Sri Lankan - Apprentice employees

Information	[Type= discrete] [Format=numeric] [Range= 0-40] [Missing=*]		
Statistics [NW/ W]	[Valid=6 /-] [Invalid=3519 /-] [Mean=26 /-] [StdDev=36.77 /-]		
Value	Label	Cases	Percentage
1		1	16.7%
2		1	16.7%
3		1	16.7%
5		1	16.7%
61		1	16.7%
84		1	16.7%
Sysmiss		3519	
Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.			

## #15 Sec\_B\_1\_3: Adult Male - Administrative

Information	[Type= discrete] [Format=numeric] [Range= 0-412] [Missing=*]
Statistics [NW/ W]	[Valid=2567 /-] [Invalid=958 /-] [Mean=4.36 /-] [StdDev=16.295 /-]
Frequency table not shown (64 Modalities)	

## #16 Sec\_B\_1\_4: Adult Female - Administrative

Information	[Type= discrete] [Format=numeric] [Range= 0-235] [Missing=*]
Statistics [NW/ W]	[Valid=535 /-] [Invalid=2990 /-] [Mean=3.832 /-] [StdDev=12.072 /-]
Frequency table not shown (33 Modalities)	

## #17 Sec\_B\_1\_5: Below 18 Male - Administrative

Information	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
Statistics [NW/ W]	[Valid=16 /-] [Invalid=3509 /-] [Mean=3.875 /-] [StdDev=3.481 /-]		
Value	Label	Cases	Percentage
1		4	25.0%
2		5	31.3%
3		1	6.3%
5		3	18.8%

## File Employment Survey 1989 Data (cont.)

## #17 Sec\_B\_1\_5: Below 18 Male - Administrative (cont.)

Value (cont.)	Label	Cases	Percentage
7		1	6.3%
11		1	6.3%
12		1	6.3%
Sysmiss		3509	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #18 Sec\_B\_1\_6: Below 18 Female - Administrative

Information	[Type= discrete] [Format=numeric] [Range= 0-30] [Missing=*]		
Statistics [NW/ W]	[Valid=6 /-] [Invalid=3519 /-] [Mean=2 /-] [StdDev=0.632 /-]		
Value	Label	Cases	Percentage
1		1	16.7%
2		4	66.7%
3		1	16.7%
Sysmiss		3519	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #19 Prog\_Define1: Programmer Defined Variable 1

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-]

## #20 Sec\_B\_2\_3: Adult Male - Professional

Information	[Type= discrete] [Format=numeric] [Range= 0-916] [Missing=*]
Statistics [NW/ W]	[Valid=1225 /-] [Invalid=2300 /-] [Mean=16.323 /-] [StdDev=60.277 /-]
Frequency table not shown (97 Modalities)	

## #21 Sec\_B\_2\_4: Adult Female - Professional

Information	[Type= discrete] [Format=numeric] [Range= 0-1176] [Missing=*]
Statistics [NW/ W]	[Valid=527 /-] [Invalid=2998 /-] [Mean=12.194 /-] [StdDev=34.815 /-]
Frequency table not shown (63 Modalities)	

## #22 Sec\_B\_2\_5: Below 18 Male - Professional

Information	[Type= discrete] [Format=numeric] [Range= 0-308] [Missing=*]
Statistics [NW/ W]	[Valid=8 /-] [Invalid=3517 /-] [Mean=6.75 /-] [StdDev=4.234 /-]



## File Employment Survey 1989 Data (cont.)

## #22 Sec\_B\_2\_5: Below 18 Male - Professional (cont.)

Value	Label	Cases	Percentage
1		2	25.0%
4		1	12.5%
7		1	12.5%
9		1	12.5%
10		1	12.5%
11		2	25.0%
Sysmiss		3517	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #23 Sec\_B\_2\_6: Below 18 Female - Professional

Information	[Type= discrete] [Format=numeric] [Range= 0-208] [Missing=*]		
Statistics [NW/ W]	[Valid=5 /-] [Invalid=3520 /-] [Mean=6.2 /-] [StdDev=3.033 /-]		
Value	Label	Cases	Percentage
1		1	20.0%
6		1	20.0%
8		3	60.0%
Sysmiss		3520	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #24 Sec\_B\_3\_3: Adult Male - Clerical

Information	[Type= discrete] [Format=numeric] [Range= 0-1587] [Missing=*]
Statistics [NW/ W]	[Valid=2375 /-] [Invalid=1150 /-] [Mean=15.995 /-] [StdDev=58.752 /-]
Frequency table not shown (136 Modalities)	

## #25 Sec\_B\_3\_4: Adult Female - Clerical

Information	[Type= discrete] [Format=numeric] [Range= 0-1442] [Missing=*]
Statistics [NW/ W]	[Valid=1814 /-] [Invalid=1711 /-] [Mean=12.519 /-] [StdDev=38.354 /-]
Frequency table not shown (106 Modalities)	

## #26 Sec\_B\_3\_5: Below 18 Male - Clerical

Information	[Type= discrete] [Format=numeric] [Range= 0-80] [Missing=*]		
Statistics [NW/ W]	[Valid=5 /-] [Invalid=3520 /-] [Mean=10 /-] [StdDev=15.215 /-]		
Value	Label	Cases	Percentage
1		1	20.0%

## File Employment Survey 1989 Data (cont.)

## #26 Sec\_B\_3\_5: Below 18 Male - Clerical (cont.)

Value (cont.)	Label	Cases	Percentage
2		1	20.0%
4		1	20.0%
6		1	20.0%
37		1	20.0%
Sysmiss		3520	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #27 Sec\_B\_3\_6: Below 18 Female - Clerical

Information	[Type= discrete] [Format=numeric] [Range= 0-13] [Missing=*]		
Statistics [NW/ W]	[Valid=4 /-] [Invalid=3521 /-] [Mean=5.75 /-] [StdDev=7.544 /-]		
Value	Label	Cases	Percentage
1		1	25.0%
2		1	25.0%
3		1	25.0%
17		1	25.0%
Sysmiss		3521	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #28 Sec\_B\_4\_3: Adult Male - Sales

Information	[Type= discrete] [Format=numeric] [Range= 0-778] [Missing=*]		
Statistics [NW/ W]	[Valid=896 /-] [Invalid=2629 /-] [Mean=13.633 /-] [StdDev=34.336 /-]		
Frequency table not shown (85 Modalities)			

## #29 Sec\_B\_4\_4: Adult Female - Sales

Information	[Type= discrete] [Format=numeric] [Range= 0-751] [Missing=*]
Statistics [NW/ W]	[Valid=403 /-] [Invalid=3122 /-] [Mean=15.61 /-] [StdDev=50.998 /-]
Frequency table not shown (68 Modalities)	

## #30 Sec\_B\_4\_5: Below 18 Male - Sales

Information	[Type= discrete] [Format=numeric] [Range= 0-40] [Missing=*]		
Statistics [NW/ W]	[Valid=9 /-] [Invalid=3516 /-] [Mean=3.222 /-] [StdDev=1.481 /-]		
Value	Label	Cases	Percentage
2		5	55.6%
4		1	11.1%

## File Employment Survey 1989 Data (cont.)

## #30 Sec\_B\_4\_5: Below 18 Male - Sales (cont.)

Value (cont.)	Label	Cases	Percentage
5		3	33.3%
Sysmiss		3516	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #31 Sec\_B\_4\_6: Below 18 Female - Sales

Information	[Type= discrete] [Format=numeric] [Range= 0-40] [Missing=*]		
Statistics [NW/ W]	[Valid=3 /-] [Invalid=3522 /-] [Mean=2.667 /-] [StdDev=1.155 /-]		
Value	Label	Cases	Percentage
2		2	66.7%
4		1	33.3%
Sysmiss		3522	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #32 Prog\_Define2: Programmer Defined Variable 2

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=3525 /-]

## #33 Sec\_B\_5\_3: Adult Male - Supervisors

Information	[Type= discrete] [Format=numeric] [Range= 0-2685] [Missing=*]
Statistics [NW/ W]	[Valid=1122 /-] [Invalid=2403 /-] [Mean=13.449 /-] [StdDev=50.453 /-]
Frequency table not shown (81 Modalities)	

## #34 Sec\_B\_5\_4: Adult Female - Supervisors

Information	[Type= discrete] [Format=numeric] [Range= 0-668] [Missing=*]
Statistics [NW/ W]	[Valid=299 /-] [Invalid=3226 /-] [Mean=8.719 /-] [StdDev=28.874 /-]
Frequency table not shown (38 Modalities)	

## #35 Sec\_B\_5\_5: Below 18 Male - Supervisors

Information	[Type= discrete] [Format=numeric] [Range= 0-25] [Missing=*]		
Statistics [NW/ W]	[Valid=7 /-] [Invalid=3518 /-] [Mean=3 /-] [StdDev=2 /-]		
Value	Label	Cases	Percentage
1		2	28.6%
2		2	28.6%

## File Employment Survey 1989 Data (cont.)

## #35 Sec\_B\_5\_5: Below 18 Male - Supervisors (cont.)

Value (cont.)	Label	Cases	Percentage
4		1	14.3%
5		1	14.3%
6		1	14.3%
Sysmiss		3518	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #36 Sec\_B\_5\_6: Below 18 Female - Supervisors

Information	[Type= discrete] [Format=numeric] [Range= 0-17] [Missing=*]		
Statistics [NW/ W]	[Valid=2 /-] [Invalid=3523 /-] [Mean=1.5 /-] [StdDev=0.707 /-]		
Value	Label	Cases	Percentage
1		1	50.0%
2		1	50.0%
Sysmiss		3523	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #37 Sec\_B\_6\_3: Adult Male - Skilled

Information	[Type= discrete] [Format=numeric] [Range= 0-1450] [Missing=*]
Statistics [NW/ W]	[Valid=1945 /-] [Invalid=1580 /-] [Mean=37.728 /-] [StdDev=135.489 /-]
Frequency table not shown (202 Modalities)	

## #38 Sec\_B\_6\_4: Adult Female - Skilled

Information	[Type= discrete] [Format=numeric] [Range= 0-2148] [Missing=*]
Statistics [NW/ W]	[Valid=742 /-] [Invalid=2783 /-] [Mean=48.108 /-] [StdDev=132 /-]
Frequency table not shown (152 Modalities)	

## #39 Sec\_B\_6\_5: Below 18 Male - Skilled

Information	[Type= discrete] [Format=numeric] [Range= 0-576] [Missing=*]		
Statistics [NW/ W]	[Valid=31 /-] [Invalid=3494 /-] [Mean=4.581 /-] [StdDev=6.737 /-]		
Value	Label	Cases	Percentage
1		11	35.5%
2		6	19.4%
3		3	9.7%
4		3	9.7%
5		1	3.2%

## File Employment Survey 1989 Data (cont.)

## #39 Sec\_B\_6\_5: Below 18 Male - Skilled (cont.)

Value (cont.)	Label	Cases	Percentage
6		2	6.5%
8		2	6.5%
11		1	3.2%
20		1	3.2%
34		1	3.2%
Sysmiss		3494	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #40 Sec\_B\_6\_6: Below 18 Female - Skilled

Information	[Type= discrete] [Format=numeric] [Range= 0-571] [Missing=*]		
Statistics [NW/ W]	[Valid=18 /-] [Invalid=3507 /-] [Mean=8.278 /-] [StdDev=19.697 /-]		
Value	Label	Cases	Percentage
1		3	16.7%
2		4	22.2%
3		4	22.2%
4		3	16.7%
5		1	5.6%
7		1	5.6%
16		1	5.6%
86		1	5.6%
Sysmiss		3507	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #41 Sec\_B\_7\_3: Adult Male - Unskilled

Information	[Type= continuous] [Format=numeric] [Range= 0-3048] [Missing=*]
Statistics [NW/ W]	[Valid=2234 /-] [Invalid=1291 /-] [Mean=71.964 /-] [StdDev=220.654 /-]

## #42 Sec\_B\_7\_4: Adult Female - Unskilled

Information	[Type= discrete] [Format=numeric] [Range= 0-2390] [Missing=*]
Statistics [NW/ W]	[Valid=1080 /-] [Invalid=2445 /-] [Mean=116.632 /-] [StdDev=218.094 /-]
Frequency table not shown (276 Modalities)	

## #43 Sec\_B\_7\_5: Below 18 Male - Unskilled

Information	[Type= discrete] [Format=numeric] [Range= 0-146] [Missing=*]
Statistics [NW/ W]	[Valid=117 /-] [Invalid=3408 /-] [Mean=12.641 /-] [StdDev=22.237 /-]

## File Employment Survey 1989 Data (cont.)

## #43 Sec\_B\_7\_5: Below 18 Male - Unskilled (cont.)

Frequency table not shown (34 Modalities)

## #44 Sec\_B\_7\_6: Below 18 Female - Unskilled

Information [Type= discrete] [Format=numeric] [Range= 0-166] [Missing=\*]

Statistics [NW/ W] [Valid=79 /-] [Invalid=3446 /-] [Mean=25.684 /-] [StdDev=51.002 /-]

Frequency table not shown (31 Modalities)

## #45 Prog\_Define3: Programmer Defined Variable 3

Information [Type= discrete] [Format=character] [Missing=\*]

Statistics [NW/ W] [Valid=3525 /-]

## #46 Year1: Year1

Information [Type= discrete] [Format=numeric] [Range= 1-3219] [Missing=\*]

Statistics [NW/ W] [Valid=3521 /-] [Invalid=4 /-]

Frequency table not shown (485 Modalities)

## #47 Year2: Year2

Information [Type= discrete] [Format=numeric] [Missing=\*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=3525 /-]

Value	Label	Cases	Percentage
Sysmiss		3525	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #48 Year3: Year3

Information [Type= discrete] [Format=numeric] [Missing=\*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=3525 /-]

Value	Label	Cases	Percentage
Sysmiss		3525	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## #49 Prog\_Define7: Programmer Defined Variable 4

Information [Type= discrete] [Format=character] [Missing=\*]

Statistics [NW/ W] [Valid=3525 /-]

## File Employment Survey 1989 Data (cont.)

### #49 Prog\_Define7: Programmer Defined Variable 4 (cont.)

Frequency table not shown (603 Modalities)

### #50 Prog\_Define8: Programmer Defined Variable 5

Information [Type= discrete] [Format=numeric] [Missing=\*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=3525 /-]

Value	Label	Cases	Percentage
Sysmiss		3525	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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## Reports and analytical documents

Annual Employment Survey 1989, Sri Lanka [lka], English [eng], "C:\backup E\ADP Labour\EMS 1988\Documentation\Reports\Annual Employment Survey 1988\_1989.pdf"

Study Documentation EMS 1989 Project, Sri Lanka [lka], English [eng], "Documentation\Reports\Study Documentation EMS 1989 Project.pdf"

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## Technical documents

Data Dictionary - Survey Schedule - 1989, "Documentation\Technical Documents\Data Dictionary of Employment Survey (1980-1998).pdf"

Industry Code List, "Documentation\Technical Documents\Industrial Classification Codes.pdf"