

Sri Lanka - Annual Employment Survey - 2008

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

Report generated on: October 1, 2013

Visit our data catalog at: <http://statistics.sltidc.lk/index.php>

Overview

Identification

ID NUMBER

LKA-DOL-EMS-2008-v1.0

Version

VERSION DESCRIPTION

v1.0: Full edited dataset, original version for internal DPD use.

PRODUCTION DATE

2008-06-11

Overview

ABSTRACT

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.

The main objective of the survey is to collect employment related information in the organised sector establishments of the country

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

The survey covers establishments in both Public and Private sectors

Scope

NOTES

The scope of EMS 2008 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

Topic	Vocabulary	URI
employment [3.1]	CESSDA	http://www.nesstar.org/rdf/common
labour relations/conflict [3.3]	CESSDA	http://www.nesstar.org/rdf/common

Coverage

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 and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistics Division, Department of Labour	Ministry of Labour Relations and Manpower

FUNDING

Name	Abbreviation	Role
Government of Sri Lanka	GOSL	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Department of Labour	DOL	Ministry of Labour Relations and Manpower	Data Collection

DATE OF METADATA PRODUCTION

2008-06-11

DDI DOCUMENT VERSION

Version 1.0 (June 2008).

DDI DOCUMENT ID

DDI-LKA-DOL-EMS-2008-v1.0

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% of the establishments responded.

Questionnaires

Overview

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

They are :

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

The questionnaire was printed in Sinhala, Tamil and English.

Data Collection

Data Collection Dates

Start	End	Cycle
2008-07-01	2008-07-31	N/A

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.

SUPERVISION

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

Data Processing

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 consists of 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 and re-coding of variables needed for analysis.
11. Produce final tables specified by the Statistical Division of the Labour Department..

Data Appraisal

No content available

File Description

Variable List

EMS2008

Content
Cases 6330
Variable(s) 51
Structure Type:
Keys: ()
Version
Producer
Missing Data

Variables

ID	Name	Label	Type	Format	Question
V52	RT	RT	discrete	numeric	
V53	SERIAL_NUMBER	SERIAL_NUMBER	contin	numeric	
V54	SECTOR	SECTOR	discrete	numeric	
V55	DISTRICT	DISTRICT	contin	numeric	
V56	DSAREA	DSAREA	contin	numeric	
V57	INDUSTRY	INDUSTRY	contin	numeric	
V58	CORPORATION	CORPORATION	contin	numeric	
V59	XX	XX	contin	numeric	
V60	SPER	Permanent Sri Lankan	contin	numeric	
V61	STEMP	Temporary Sri Lankan	contin	numeric	
V62	SCASUAL	Casual Sri Lankan	contin	numeric	
V63	SLEARN	Learners and Apprentices Sri Lankan	contin	numeric	
V64	NSPER	Permanent Non Sri Lankan	contin	numeric	
V65	NSTEMP	Temporary Non Sri Lankan	contin	numeric	
V66	NSCASUAL	Casual Sri Lankan	contin	numeric	
V67	NSLEARN	Learners and Apprentices Sri Lankan	contin	numeric	
V68	ADMAD	Administrative Male Adults	contin	numeric	
V69	ADFAD	Administrative Female Adults	contin	numeric	
V70	ADMB18	Administrative Male Under 18 years	discrete	numeric	
V71	ADFB18	Administrative Female Under 18 years	discrete	numeric	
V72	LL	LL	discrete	character	
V73	PROMAD	Professional Male Adults	contin	numeric	
V74	PROFAD	Professional Female Adults	contin	numeric	
V75	PROMB18	Professional Male Under 18 years	discrete	numeric	
V76	PROFB18	Professional Female Under 18 years	contin	numeric	
V77	CLEMAD	Clerical Male Adults	contin	numeric	
V78	CLEFAD	Clerical Female Adults	contin	numeric	
V79	CLEMB18	Clerical Male Under 18 years	contin	numeric	

ID	Name	Label	Type	Format	Question
V80	CLEFB18	Clerical Female Under 18 years	discrete	numeric	
V81	SALMAD	Sales Workers Male Adults	contin	numeric	
V82	SALFAD	Sales Workers Female Adults	contin	numeric	
V83	SALMB18	Sales Workers Male Under 18 years	contin	numeric	
V84	SALFB18	Sales Workers Female Under 18 years	discrete	numeric	
V85	CD3	CD3	discrete	character	
V86	SUPMAD	Supervisors Male Adults	contin	numeric	
V87	SUPFAD	Supervisors Female Adults	contin	numeric	
V88	SUPMB18	Supervisors Male Under 18 years	discrete	numeric	
V89	SUPFB18	Supervisors Female Under 18 years	discrete	numeric	
V90	SKIMAD	Skilled & Semi skilled Male Adults	contin	numeric	
V91	SKIFAD	Skilled & Semi skilled Female Adults	contin	numeric	
V92	SKIMB18	Skilled & Semi skilled Male Under 18 years	contin	numeric	
V93	SKIFB18	Skilled & Semi skilled Female Under 18 years	contin	numeric	
V94	UNSMAD	Unskilled Male Adults	contin	numeric	
V95	UNSFAD	Unskilled Female Adults	contin	numeric	
V96	UNSMB18	Unskilled Male Under 18 years	contin	numeric	
V97	UNSF18	Unskilled Female Under 18 years	contin	numeric	
V98	CT4	CT4	discrete	character	
V99	YEAR1	YEAR1	contin	numeric	
V100	YEAR2	YEAR2	discrete	numeric	
V101	YEAR3	YEAR3	discrete	numeric	
V102	PP	PP	discrete	character	

RT (RT)

File: EMS2008

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 6330
Width: 1	
Decimals: 0	

SERIAL_NUMBER (SERIAL_NUMBER)

File: EMS2008

Overview

Type: Continuous	Valid cases: 6330
Format: numeric	Invalid: 0
Width: 4	Minimum: 1
Decimals: 0	Maximum: 9858
Range: 1-9858	Mean: 3167.4
	Standard deviation: 1830.6

SECTOR (SECTOR)

File: EMS2008

Overview

Type: Discrete	Valid cases: 6330
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.2
	Standard deviation: 0.4

DISTRICT (DISTRICT)

File: EMS2008

Overview

Type: Continuous	Valid cases: 6330
Format: numeric	Invalid: 0
Width: 2	Minimum: 11
Decimals: 0	Maximum: 92
Range: 11-92	Mean: 30.7
	Standard deviation: 26.2

DSAREA (DSAREA)

File: EMS2008

Overview

Type: Continuous	Valid cases: 6330
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 90
Range: 1-90	Mean: 43.8
	Standard deviation: 27.1

INDUSTRY (INDUSTRY)

File: EMS2008

Overview

Type: Continuous	Valid cases: 6330
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 95999
Range: 0-95999	Mean: 55850.1
	Standard deviation: 26374.8

CORPORATION (CORPORATION)

File: EMS2008

Overview

Type: Continuous	Valid cases: 1501
Format: numeric	Invalid: 4829
Width: 3	Minimum: 1
Decimals: 0	Maximum: 232
Range: 1-232	Mean: 74
	Standard deviation: 47.5

XX (XX)

File: EMS2008

Overview

Type: Continuous	Valid cases: 6328
Format: numeric	Invalid: 2
Width: 2	Minimum: 2
Decimals: 0	Maximum: 34
Range: 2-34	Mean: 34
	Standard deviation: 0.4

Permanent Sri Lankan (SPER)

File: EMS2008

Overview

Type: Continuous	Valid cases: 6153
Format: numeric	Invalid: 177
Width: 5	Minimum: 1
Decimals: 0	Maximum: 13629
Range: 1-13629	Mean: 111.4
	Standard deviation: 321.7

Temporary Sri Lankan (STEMP)

File: EMS2008

Overview

Type: Continuous	Valid cases: 2138
Format: numeric	Invalid: 4192
Width: 4	Minimum: 1
Decimals: 0	Maximum: 1756
Range: 1-1756	Mean: 23.6
	Standard deviation: 66

Casual Sri Lankan (SCASUAL)

File: EMS2008

Overview

Type: Continuous	Valid cases: 2207
Format: numeric	Invalid: 4123
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4516
Range: 0-4516	Mean: 38.7
	Standard deviation: 136.1

Learners and Apprentices Sri Lankan (SLEARN)

File: EMS2008

Overview

Type: Continuous	Valid cases: 1835
Format: numeric	Invalid: 4495
Width: 4	Minimum: 1
Decimals: 0	Maximum: 3945
Range: 1-3945	Mean: 56.7
	Standard deviation: 196.7

Permanent Non Sri Lankan (NSPER)

File: EMS2008

Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 6116
Width: 4	Minimum: 1
Decimals: 0	Maximum: 1034
Range: 1-1034	Mean: 16.6
	Standard deviation: 86

Temporary Non Sri Lankan (NSTEMP)

File: EMS2008

Overview

Type: Continuous	Valid cases: 45
Format: numeric	Invalid: 6285
Width: 4	Minimum: 1
Decimals: 0	Maximum: 150
Range: 1-150	Mean: 9.2
	Standard deviation: 23.4

Casual Sri Lankan (NSCASUAL)

File: EMS2008

Overview

Type: Continuous	Valid cases: 11
Format: numeric	Invalid: 6319
Width: 4	Minimum: 1
Decimals: 0	Maximum: 247
Range: 1-247	Mean: 37
	Standard deviation: 78.2

Learners and Apprentices Sri Lankan (NSLEARN)

File: EMS2008

Overview

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 6170
Width: 4	Minimum: 1
Decimals: 0	Maximum: 163
Range: 1-163	Mean: 6
	Standard deviation: 17.3

Administrative Male Adults (ADMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 4870
Format: numeric	Invalid: 1460
Width: 4	Minimum: 0
Decimals: 0	Maximum: 742
Range: 0-742	Mean: 6.5
	Standard deviation: 25.2

Administrative Female Adults (ADFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 2272
Format: numeric	Invalid: 4058
Width: 4	Minimum: 0
Decimals: 0	Maximum: 741
Range: 0-741	Mean: 5.2
	Standard deviation: 23.4

Administrative Male Under 18 years (ADMB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 6329
Width: 4	Minimum: 1
Decimals: 0	Maximum: 1
Range: 1-1	Mean: 1

Administrative Female Under 18 years (ADFB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 6330
Width: 4	
Decimals: 0	

LL (LL)

File: EMS2008

Overview

Type: Discrete	Valid cases: 6330
Format: character	Invalid: 0
Width: 52	

Professional Male Adults (PROMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 3148
Format: numeric	Invalid: 3182
Width: 4	Minimum: 0
Decimals: 0	Maximum: 970
Range: 0-970	Mean: 20
	Standard deviation: 63.3

Professional Female Adults (PROFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 1759
Format: numeric	Invalid: 4571
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1163
Range: 0-1163	Mean: 17.6
	Standard deviation: 63.5

Professional Male Under 18 years (PROMB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 6320
Width: 4	Minimum: 3
Decimals: 0	Maximum: 12
Range: 3-12	Mean: 6.7
	Standard deviation: 3.6

Professional Female Under 18 years (PROFB18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 9
Format: numeric	Invalid: 6321
Width: 4	Minimum: 1
Decimals: 0	Maximum: 38
Range: 1-38	Mean: 11
	Standard deviation: 12.9

Clerical Male Adults (CLEMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 4409
Format: numeric	Invalid: 1921
Width: 4	Minimum: 0
Decimals: 0	Maximum: 2119
Range: 0-2119	Mean: 14.6
	Standard deviation: 61.2

Clerical Female Adults (CLEFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 4382
Format: numeric	Invalid: 1948
Width: 4	Minimum: 0
Decimals: 0	Maximum: 979
Range: 0-979	Mean: 11
	Standard deviation: 38

Clerical Male Under 18 years (CLEMB18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 9
Format: numeric	Invalid: 6321
Width: 4	Minimum: 0
Decimals: 0	Maximum: 44
Range: 0-44	Mean: 11.9
	Standard deviation: 15.4

Clerical Female Under 18 years (CLEFB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 8
Format: numeric	Invalid: 6322
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4
Range: 0-4	Mean: 1.6
	Standard deviation: 1.4

Sales Workers Male Adults (SALMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 1388
Format: numeric	Invalid: 4942
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1022
Range: 0-1022	Mean: 17.4
	Standard deviation: 50.9

Sales Workers Female Adults (SALFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 793
Format: numeric	Invalid: 5537
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1940
Range: 0-1940	Mean: 17.2
	Standard deviation: 79.9

Sales Workers Male Under 18 years (SALMB18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 11
Format: numeric	Invalid: 6319
Width: 4	Minimum: 1
Decimals: 0	Maximum: 32
Range: 1-32	Mean: 7.4
	Standard deviation: 8.9

Sales Workers Female Under 18 years (SALFB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 3
Format: numeric	Invalid: 6327
Width: 4	Minimum: 1
Decimals: 0	Maximum: 21
Range: 1-21	Mean: 7.7
	Standard deviation: 11.5

CD3 (CD3)

File: EMS2008

Overview

Type: Discrete	Valid cases: 5789
Format: character	Invalid: 0
Width: 52	

Supervisors Male Adults (SUPMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 2006
Format: numeric	Invalid: 4324
Width: 4	Minimum: 0
Decimals: 0	Maximum: 743
Range: 0-743	Mean: 13.9
	Standard deviation: 40.6

Supervisors Female Adults (SUPFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 858
Format: numeric	Invalid: 5472
Width: 4	Minimum: 1
Decimals: 0	Maximum: 443
Range: 1-443	Mean: 11.5
	Standard deviation: 33.5

Supervisors Male Under 18 years (SUPMB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 6329
Width: 4	Minimum: 2
Decimals: 0	Maximum: 2
Range: 2-2	Mean: 2

Supervisors Female Under 18 years (SUPFB18)

File: EMS2008

Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 6329
Width: 4	Minimum: 46
Decimals: 0	Maximum: 46
Range: 46-46	Mean: 46

Skilled & Semi skilled Male Adults (SKIMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 3728
Format: numeric	Invalid: 2602
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5600
Range: 0-5600	Mean: 45
	Standard deviation: 155.3

Skilled & Semi skilled Female Adults (SKIFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 2279
Format: numeric	Invalid: 4051
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4857
Range: 0-4857	Mean: 90.5
	Standard deviation: 237.2

Skilled & Semi skilled Male Under 18 years (SKIMB18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 52
Format: numeric	Invalid: 6278
Width: 4	Minimum: 1
Decimals: 0	Maximum: 71
Range: 1-71	Mean: 6.6
	Standard deviation: 11.3

Skilled & Semi skilled Female Under 18 years (SKIFB18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 47
Format: numeric	Invalid: 6283
Width: 4	Minimum: 1
Decimals: 0	Maximum: 73
Range: 1-73	Mean: 15
	Standard deviation: 14.4

Unskilled Male Adults (UNSMAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 3118
Format: numeric	Invalid: 3212
Width: 4	Minimum: 1
Decimals: 0	Maximum: 3900
Range: 1-3900	Mean: 38.5
	Standard deviation: 123.4

Unskilled Female Adults (UNSFAD)

File: EMS2008

Overview

Type: Continuous	Valid cases: 1963
Format: numeric	Invalid: 4367
Width: 4	Minimum: 1
Decimals: 0	Maximum: 2053
Range: 1-2053	Mean: 54.9
	Standard deviation: 125.8

Unskilled Male Under 18 years (UNSMB18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 45
Format: numeric	Invalid: 6285
Width: 4	Minimum: 1
Decimals: 0	Maximum: 661
Range: 1-661	Mean: 32.2
	Standard deviation: 103.9

Unskilled Female Under 18 years (UNSF18)

File: EMS2008

Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 6299
Width: 4	Minimum: 2
Decimals: 0	Maximum: 118
Range: 2-118	Mean: 15.7
	Standard deviation: 22.6

CT4 (CT4)

File: EMS2008

Overview

Type: Discrete	Valid cases: 5080
Format: character	Invalid: 0
Width: 52	

YEAR1 (YEAR1)

File: EMS2008

Overview

Type: Continuous	Valid cases: 2679
Format: numeric	Invalid: 3651
Width: 4	Minimum: 1
Decimals: 0	Maximum: 8871
Range: 1-8871	Mean: 143.8
	Standard deviation: 387.8

YEAR2 (YEAR2)

File: EMS2008

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 6330
Width: 4	
Decimals: 0	

YEAR3 (YEAR3)

File: EMS2008

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 6330
Width: 4	
Decimals: 0	

PP (PP)

File: EMS2008

Overview

PP (PP)

File: EMS2008

Type: Discrete
Format: character
Width: 56

Valid cases: 6330
Invalid: 0

Related Materials

Questionnaires

Employment Survey Questionnaire

Title Employment Survey Questionnaire
Filename Employment Survey Questionnaire.pdf

Reports

Study Documentation EMS 2008 Project

Title Study Documentation EMS 2008 Project
Filename Study Documentation EMS 2008 Project.pdf

Technical documents

Data Dictionary of Employment Survey 2006

Title Data Dictionary of Employment Survey 2006
Filename Data Dictionary of Employment Survey 2006.pdf

Industrial Classification Codes

Title Industrial Classification Codes
Filename Industrial Classification Codes.pdf
