Sri Lanka - Census on Computer Literacy of Academic Staff of Government Schools, Approved Private Schools and Pirivenas - 2006

Statistics Division, Ministry of Education - Government of Sri Lanka
Report generated on: October 2, 2013

Overview

Identification

**ID NUMBER**
LKA-DCS-CCLT-2006-v1.0

Version

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

**PRODUCTION DATE**
2009-03-31

Overview

**ABSTRACT**
Computers offer exciting approaches to teaching that were not even dreamed of twenty years ago, but the extent to which the educational potential of computer technology will be realized, remains to be seen. Use of computers can revolutionize teaching and learning and could bring advances that would improve education dramatically. Ordinary students would make massive gains and bright students could meet greater challenges. Wherever illiteracy is a problem, it would be eliminated and handicapped students would have vast new vistas opened to them.

Teacher attitudes toward computer technology may be a significant factor in the use of computers in education. Computer literate individuals will reap greater benefits than their counterparts who lack that knowledge. To promote computer literacy of both teachers and students, the government is investing considerably. To evaluate the impact of these investments and thereby help ensure that the intended results are achieved, Information and Communication Technology (ICT) literacy of students and teachers should be measured periodically. The Department of Census and Statistics and the Ministry of Education conducted a census on Computer Literacy of Academic Staff of Government Schools, Approved Private Schools and Pirivenas to find out the computer literacy levels of teachers and ICT related facilities and hardware available in schools. This census was conducted on 2nd November 2006.

**KIND OF DATA**
Sample survey data [ssd]

**UNITS OF ANALYSIS**
School

Teacher

Scope

**NOTES**
The scope of the Census on Computer Literacy of Academic Staff of Government Schools, Approved Private Schools and Pirivenas - 2006 includes:

Part A : School Information

Part B : Demographic Characteristics

Part C : Knowledge on Computers

Part D : Use of Application Software

Part E : Use of Computers
Part F: Use of Internet

Part G: Use E-Mail

Part H: Knowledge on Hardware

Part I: Use of Computers for Teaching

### TOPICS

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<th>Topic</th>
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### Coverage

**GEOGRAPHIC COVERAGE**
National Coverage - Government Schools

**UNIVERSE**
- All Government Schools
- All Approved Private Schools
- All Pirivenas

### Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

<table>
<thead>
<tr>
<th>Name</th>
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#### FUNDING

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#### OTHER ACKNOWLEDGEMENTS

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### Metadata Production

#### METADATA PRODUCED BY

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<td>MOE</td>
<td>Government of Sri Lanka</td>
<td>Data Collection</td>
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#### DATE OF METADATA PRODUCTION
2009-03-31

#### DDI DOCUMENT VERSION
3
Sampling

No content available
Questionnaires

Overview

Two census Schedules were used to collect data in this study. The first - Census Schedule 1 - was a structured questionnaire to get the information on the teacher’s own perceptions on their competencies in ICT. The ICT literacy of teachers was not measured by actually testing it by administering a test by the teachers’ own perceptions of their competencies. A brief description of the information collected by using Census Schedule 1 is given below.

Part A : School Information
Part B : Demographic Characteristics
Part C : Knowledge on Computers
Part D : Use of Application Software
Part E : Use of Computers
Part F : Use of Internet
Part G : Use E-Mail
Part H : Knowledge on Hardware
Part I : Use of Computers for Teaching

The second schedule was used to get the information on the ICT related facilities available in schools and summary of three questions of the first schedule. These questions are number of teachers in the school who are aware about the computers and those who are computer literate and those who can read and understand documents written in English language.
Data Collection

Data Collection Dates

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Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

The data collection process utilized the administrative structure of the Ministry of Education. For administrative purposes, of the Education System, Sri Lanka is subdivided into 93 Zones and 323 Divisions. Each Zonal Office and Divisional Office is headed by a Zonal Director and Divisional Director respectively. Approximately 230,000 teachers are employed in Government Schools, Approved Private Schools and Pirivenas.

The Department of Census and Statistics and the Ministry of Education trained three officers from each Education Division, namely Divisional Director, Planning Officer and a teacher familiar with the ICT, on completing schedules. These officers trained a teacher from each school of the division and they were appointed as school coordinators.

The census was conducted on 2nd November 2006. To make sure teachers complete the census schedules giving their accurate self-perceptions on the competencies in ICT and completed Census schedules are brought back to Colombo within the shortest possible time, schools were closed at 1100h on the census day. After closing schools at 1100h, school coordinators trained all the relevant academic staff and the staff commenced completing the schedules. This method worked extremely well. Within 4 days, completed schedules from all the district of the country were brought back to the Department of Census and Statistics in Colombo for data entry and processing.
Data Processing

Data Editing

Data editing and coding done by the Census and Statistic Department staff.

Verification of the data is done by the Education Ministry Staff.

Other Processing

Data processing included the following steps.

1. Accepting the questionnaires and do the data entry.
2. Run edit program.
3. Produce error report
4. Correction of errors on the report
5. Re-run the edit program and repeat the error correction procedure
6. Produce final tables on clean data.
Data Appraisal

No content available