

Concept note: Populating Education indicators and standardising microdata Workshop

This note is written to support the preparation for the above-referred workshop, which is to be delivered in partnership between the UNESCO Institute of Statistics and the Pacific Community (SPC), with funding support from the World Bank through the Trust Fund for Statistical Capacity Building (TFSCB), for the benefit of multiple Pacific Island countries (PICs).

In the Pacific region numerous administrative processes, censuses and household surveys collect education related data. These data largely remain underutilised. The long time series of underexploited education data sets presents an opportunity to fill gaps – where they exist – in education indicators while building the capacity of national statistical agencies in the Pacific region to analyse and disseminate education data. Similar to statistics on national income, human development and labour force, education statistics should be comparable across countries.

The purpose of this workshop is to improve the harmonising of education data over time, both within and across the various sources of education data to minimise

- Time and costs in developing data collections.
- Respondent burden, and
- Unnecessary duplication across sources.

and to maximise the:

- Quality and value of information gained from any single source.
- Opportunities for the cross-analysis, exchange and re-use of data.
- Users' understanding of statistical information and how it can be used to inform the development of more informed policy.

Participation of representatives from PIC National Statistics Offices and Ministries of Education will be financed through the SPC implemented project titled "Improving Data Dissemination and Use in Pacific Island Countries" which is funded by the World Bank's TFSCB.

One component of the TFSCB project is to establish guidelines to harmonise (standardise) census and survey datasets, which will be an outcome of the proposed workshop. *Ex post* standardisation of microdata is proposed in recognition of the significant progress that the Pacific region has made in *ex ante* standardisation of statistical collection instruments for census and household survey. In consideration of the significant progress made in *ex ante* harmonization of statistical collections, to achieve the objective of improved accessibility and dissemination of data, it is proposed that *ex post* statistical collection harmonization of data sets is conducted.

The *ex post* harmonization initiative will develop guidelines for harmonization of the numerous data sets that are available in the Pacific and will aim to meet multiple data user needs, including UIS, to provide an efficient platform to disseminate data and to report against various indicators.

The proposed workshop facilitated by SPC and UIS allows for the identification of key variables and their naming conventions in order to guide SPC and the Pacific region to construct harmonised datasets to produce internationally comparable education indicators.

Workshop objectives

The objectives of the workshop are:

- i. Improve collection of education statistics, through surveys and censuses;
- ii. Increase compilation, documentation, and sharing of education related microdata;
- iii. Strengthen capacity to harmonise microdata to facilitate publishing in UNESCO UIS databank
- iv. Strengthen capacity (of PICT NSOs and SPC) in the use of existing census and survey data to populate key education indicators, including SDGs
- v. Enhance sharing of information on events dealing with education statistics; and map the availability of HHS data for the Education 2030

Workshop outputs

It is anticipated that the workshop will result in the following outputs:

- i. Strengthened capacity of the Pacific region to populate education indicators using census and survey microdata;
- ii. Improved capacity of the Pacific region in processing, classification and analysis of education data
- iii. Mapping of the availability of HHS data for Education 2030
- iv. Knowledge generated to produce guidelines to harmonize education data to rapidly populate education information systems;
- v. Population of indicators in UIS.stat to reduce the gaps in the Pacific region; and
- vi. Dissemination of education oriented knowledge products.

Workshop logistics

Date:	21 st to 25 of October, 2019
Location:	Noumea, New Caledonia
Facilitators:	UNESCO Institute of Statistics (UIS) and Pacific Community (SPC)
Target PICs:	Cook Islands, Fiji, Kiribati, Micronesia (Federated States), Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Marshall Islands, Samoa, Solomon, Tokelau, Tonga, Tuvalu, Vanuatu
Agenda:	See below
Language:	English
Financial:	Travel arrangements for participating countries will be funded, in accordance to SPC's travel policy, by SPC through the World Bank through the Trust Fund for Statistical Capacity Building and the SPC Educational Quality and Assessment Programme (EQAP).

Populating Education Indicators

21 to 25 October, 2019

Language: English

Venue: Nouméa, New Caledonia

	Day 1	Day 2	Day 3	Day 4	Day 5
	Concepts / Key Indicators	Introduction to Harmonisation	Measurement of key indicators	Country work	The way forward
08:30 - 10:00	Opening introduction Overview of SDG4- Education 2030 and role of Household survey in Monitoring SDG4 (UIS)	Introduction into International Standard Classification of Education (ISCED2011) ISCED is framework for organising education programmes and qualification by applying uniform and internationally agreed definitions to facilitate comparisons of education systems across countries (UIS)	Use of ADePT software basics Getting started with ADePT software to automate and standardise production of analytical outputs	Introduction to the Pacific Data Hub Microdata Library- SPC Search compare variables with your existing microdata /documentation Introduction to the UIS Central Data Catalog- UIS	Country Work Brief education fact sheet based on survey data- UIS/SPC
10:00 – 10:30 Coffee break					
10:30 - 12:00	Review of other existing and available Education Microdata (EMIS, Census, HIES, Assessment data and other Household Surveys)	Improving Education module in various household survey issues and challenges of existing education modules and how they can be improved to harmonize the data linking with SDG4 data requirement	Group Work - ADePT Indicator production	Country Work Prepare key outcome tables with key education indicators	Country Work Brief education fact sheet based on survey data- SPC/UIS
12:00 – 13:00 Lunch break					
13:00 - 14:30	Concept and methodologies of various education indicators using Household survey data (UIS)	Merging and cleaning of microdata Deriving key education variables with your existing microdata- SPC	Country Work Prefilling UIS questionnaire using Microdata- SPC/UIS	Dissemination of Education data Use of GIS for mapping Education data	The way forward Plans for future surveys, availability of Microdata, dissemination through UIS.stat and Pacific Data Hub
14:30 – 15:00 Coffee break					
15:00 - 16:30	Concept and methodologies of various education indicators using Household survey data (UIS) Mapping of the various education microdata and data and statistics it produced)- UIS/SPC	Group Work Calculating Education indicators using household survey data (UIS/SPC) Methodologies will be presented with example in calculating different indicators	Country Work Calculating Education indicators using household survey data (UIS/SPC)	Learning about Population Projections in collaboration with Education	Closing