
TERMS OF REFERENCE

Education Data Analyst Consultant

CONTRACT MODALITY Individual Consultancy

DUTY STATION Data & Analytics Section- Education - UNICEF Office of Strategy and Evidence – Innocenti & Remote with travel

DURATION OF CONTRACT 8,5 months

Purpose of Assignment

The UNICEF Data & Analytics (D&A) Education team supports countries in making better use of the education data they already hold. Education Management Information Systems (EMIS) record who is enrolled, where and in which grade, while household surveys such as the Multiple Indicator Cluster Surveys (MICS) capture which children are out of school, how they progress through the system and whether they are learning. Used separately, each source gives only a partial picture of education system performance.

Under the MICS-EMIS and MICS-EAGLE initiative, UNICEF is working with countries to help make education data more usable and reproducible focusing on both household survey data (MICS) and EMIS data.

Scope of Work

The overarching aim of this consultancy is to support country with analysis of MICS data and EMIS data. In addition to this, the consultant will also contribute to the research input on analysis leveraging the foundational learning module and the language spoken at home and in school and its relationship to learning outcomes. The consultant will work closely with the Technical Working Group and country teams to acquire and clean administrative datasets, build workflows to standardize and integrate EMIS data, and develop reproducible scripts using R. The consultant will work with Ukraine and Samoa to analyze their MICS data along with EMIS data.

In addition to this, the consultant will review 44 MICS surveys to harmonize the language variables, prepare a dashboard visualizing relationships and develop a compelling data story on the topic.

Work Assignments Overview	Deliverables/Outputs	Delivery deadline (in weeks/months) and input days to complete the deliverable
Prepare data visualization and factsheet for one country using MICS data, prepare and deliver workshop	Excel and PDF, powerpoint	30 th Dec 2026 30 days
Prepare a dashboard with 5-6 visualizations and short data story on FLS	Dashoard and visual data story	20 th Jan, 2027 20 days
Prepare data visualization and factsheet for second country using MICS data, prepare and deliver workshop	Excel and PDF, powerpoint	15 ^h Feb 2027 30 days
Prepare MICS-EMIS dashboard for 1 country	Excel and PDF, powerpoint	31st Mar 2027 40 days

Payment Schedule:

Payment will be made on submission and acceptance of deliverables. UNICEF reserves the right to withhold payment in case the deliverables submitted are not up to the required standard or in case of delays in submitting the deliverables on the part of the consultant.

Important Notes

- Individuals engaged under a consultancy or individual contract will not be considered “staff members” under the Staff Regulations and Rules of the United Nations and UNICEF’s policies and procedures and will not be entitled to benefits provided therein (such as leave entitlements and medical insurance coverage). Their conditions of service will be governed by their contract and the General Conditions of Contracts for the Services of Consultants and Individual Contractors. Consultants and individual contractors are responsible for determining their tax liabilities and for the payment of any taxes and/or duties, in accordance with local or other applicable laws.
- The selected candidate is solely responsible for ensuring that the health insurance (and visa if applicable) required to perform the duties of the contract are valid for the entire period of the contract. Selected candidates are subject to confirmation of fully-vaccinated status against SARS-CoV-2 (Covid-19) with a World Health Organization (WHO)-endorsed vaccine, which must be met prior to taking up the assignment. It does not apply to consultants who will work remotely and are not expected to work on or visit UNICEF premises, programme delivery locations or directly interact with communities UNICEF works with, nor to travel to perform functions for UNICEF for the duration of their consultancy contracts.
- UNICEF offers reasonable accommodation for consultants with disabilities. This may include, for example, accessible software, travel assistance for missions or personal attendants. We encourage you to disclose your disability during your application in case you need reasonable accommodation during the selection

process and afterwards in your assignment.

**QUALIFICATIONS / SPECIALIZED KNOWLEDGE / EXPERIENCE/ COMPETENCIES (CORE/TECHNICAL/FUNCTIONAL) /
LANGUAGE SKILLS REQUIRED FOR THE ASSIGNMENT**

Minimum requirements:

- **Education:** Master's degree in Public Policy, Economics, Development Studies, Development Practice
- **Work Experience:** At least **5 years of experience** working with data
- **Skills:**
 - Experience with R and RAG
 - Experience working with household survey data or large-scale national/international assessment datasets e.g. MICS, DHS
- **Language Requirements:** English and Russian
- **Desirables:** Prior experience working with UNICEF or other UNICEF/UN data collection systems