



SECTION 3. GUIDE TO USING THE INDICATORS ON ATTACKS ON EDUCATION AND THE *TOOLKIT*

Toolkit for Collecting and Analyzing Data on Attacks on Education

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We encourage organizations to read the Guidelines on Collecting Data and the definitions of attacks on education and other key terms (Appendix A) before reading through the Indicators on Attacks on Education section. Considering the context, needs, and patterns of attacks on education *first* will guide an informed reading of the Indicators section and support in selecting the most relevant indicators for integration into monitoring and reporting activities.

This *Toolkit* also includes a Codebook (with detailed instructions for data entry) and a Data Template (for recording and analyzing incidents of attacks).

Some of these indicators and suggested disaggregations may not be feasible in every context. The Indicators on Attacks on Education section provides notes on limitations and feasibility for each indicator. Together with the Codebook and Data Template, users can pick and choose the most useful components from the Indicators on Attacks on Education section, treating the *Toolkit* as both an inspirational and aspirational guide. A first step could be collecting data on a handful of indicators or subdomains including some suggested disaggregations.

The following Diagnostic Tool serves as a guide for using the *Toolkit*. Once users situate themselves in the table based on their current capacities and resources, as well as the context and data landscape, the Diagnostic Tool suggests next steps to improve data collection, analysis, and report sharing.

Table 2 Diagnostic Tool for using the Toolkit

	Context	Current data collection and reporting	Suggested next steps
1	Emerging conflicts; organizations or government ministries beginning to collect data or starting to systematize efforts	Limited incident-level data on attacks on education may exist; reports may not align with GCPEA definitions of attacks and military use; no systematized reporting in place	<ul style="list-style-type: none"> Identify one or two accessible data sources (see Step 1 in the Guidance); assess the data collection landscape and context Review GCPEA definitions of attacks and military use Review sample data collection sheets (see Appendix B) Begin to input data on selected Standard Indicators into a basic datasheet (see Datasheet and Codebook) Release short reports or infographics if possible

	Context	Current data collection and reporting	Suggested next steps
2	Established conflicts or crises; NGO, government, or other mechanism with experience collecting and reporting on attacks; MRM or coordination structure may exist	Collection of incident-level data on attacks on education and regular reporting; categories of attacks may not fully align with GCPEA's categories or suggested disaggregations	<ul style="list-style-type: none"> • Harmonize attack definitions with GCPEA, expanding to additional categories of attack which may be less common or less frequently reported (e.g. Domains 3, 4, and 5) • Identify new indicators or disaggregations from the Indicators on Attacks on Education • Revise data collection tools and spreadsheets to accommodate new indicators and disaggregations • Identify and incorporate additional data sources and build relationships with data repositories where needed • Share reports including disaggregated data more regularly • Report both Standard and Supplemental Indicators, including simple impact analyses (e.g., Indicators 1.3.1, 1.4.1)
3	Established or prolonged conflicts; NGO, government, or MRM with long-standing experience collecting and reporting on attacks	Collecting and managing data on attacks from diverse sources; routinely and accessibly reporting across all relevant attack categories to broad audiences using standard definitions	<ul style="list-style-type: none"> • Revise data collection tools and spreadsheets to accommodate indicators and suggested disaggregations • Collect and manage as much disaggregated data as possible, even if for a limited geography or time period • Obtain other education data (e.g., EMIS); run the more advanced analyses in the Indicators on Attacks on Education section • Report on Advanced Indicators including more complex impacts of attacks (e.g., Indicators 1.2.1, 8.2.1)

3.1. Note regarding disaggregation and analysis

This *Toolkit* encourages users to disaggregate data – for instance by gender, level of schooling, whether attack survivors are students or educators – throughout the research, analysis, and report sharing process. The Indicators on Attacks on Education section lists suggested disaggregations for each indicator. If data collection and entry tools make space for such disaggregations (which the tools presented throughout the *Toolkit* do), then at the analysis stage, nearly all calculations described in the Indicators section can be performed on disaggregated data. For simplicity, the calculations appear at the aggregate level (e.g., schools, students) in the Indicators section, but the same calculations can be used at the disaggregate level (e.g., girls’ schools, boy students). For instance, rather than find the proportion of schools damaged or destroyed by attacks in a region (Indicator 1.2.1), users can find the number of *girls’ schools* damaged or destroyed by attacks, using the same calculation but entering the number of schools disaggregated by gender. As other examples, users could find the number of girl students whose education was reportedly affected by military use, the number of primary schools (rather than secondary schools) attacked, or the number of teachers or academics (rather than students) harmed in education-related protests. Results from the calculations on disaggregated data can also be compared; for instance, users could investigate whether girls miss more days of learning in the wake of attacks on schools than boys. Decisions for which disaggregations to analyze can be made based on users’ needs and the context under consideration.

3.2. What the *Toolkit* does not include

This *Toolkit* has two limitations in tracking the impact of attacks on education and military use of educational facilities. First, several common indicators of impact are not included due to common data limitations. Specifically, students’ learning outcomes after an attack, whether learners continue their education or permanently drop out years after an attack, and the duration of students’ or educators’ detentions or arrests are not included as indicators, since the longitudinal data necessary for the analyses are very rare. Second, other common indicators of impact are not found in the Indicators on Attacks on Education section due to GCPEA’s strict definitions of attacks on education. Specifically, the *Toolkit* does not consider in its analyses school closures due to generalized insecurity or parents not sending their kids to school out of generalized fear, since these are beyond the scope of attacks on education.



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The Toolkit is independent of the individual member organizations of the Steering Committee of GCPEA and does not necessarily reflect the views of the Steering Committee member organizations.

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