

Ethiopian Data Quality Assessment Frame Work (EDQAF)

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Central Statistical Agency of Ethiopia (CSA) has developed the National Strategy for the Development of Statistics (NSDS). The NSDS is a road map for the statistical activity to be conducted in the five years. The NSDS have six themes and one of the themes refer to the development of EDQAF to improve the quality of statistical data by assessing the system and the output. The design of the EDQAF involved the participation of sector ministries and their comments were incorporated. International experiences were also taken in to account in the EDQAF design. The document explains the objectives and scope of the EDQAF assessment, the assessment phases and the EDQAF dimensions. The EDQAF assessment tool is also given at the end of the document. The data sets to be assessed by the EDQAF are those data sets produced by sector ministries and CSA which have major contributions for monitoring and evaluation of the countries five year strategic plan. The target outcome of EDQAF is more satisfied users, using better statistics to make more informed decisions. Overall EDQAF Objective is to introduce a comprehensive quality assessment program that summarizes the quality of NSS data outputs for the benefit of both data producers and users, and that identifies quality problems and potential quality improvements and brings them to the attention of producers and senior managers for action. EDQAF has four different phases. These phases are Phase 1: Initiation and Preliminary Investigation, Phase 2: Systems Assessment, Phase 3: Overall National Assessment, Phase 4: Reporting and Conclusion. The actual evaluation phases are two, Phase 2 and 3. EDQAF document defines the data quality dimensions in terms of output, process and Institutional Environment Quality Dimensions. The data quality dimensions used in the EDQAF document are Relevance, Accuracy, Timeliness and Punctuality, Accessibility and Interpretability, Coherence and Comparability, Methodological Soundness, Human Resource Management, Standard Operating Procedures, Data Management and Security, Quality Assurance/Control, Reporting Burden, Mandate, Resources, Performance and Quality Management, Integrity, Provider Transparency, Privacy and Confidentiality .

Key words: Data quality dimensions, data quality assessment phases.