Composite Indicators and Indexes in M&E Training Course

Professional Development Training Course Outline

Category	Monitoring and Evaluation	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Composite indicators and indexes are increasingly used in Monitoring and Evaluation (M&E) to summarize complex, multidimensional development outcomes into clear, decision-ready metrics. From poverty and governance indexes to resilience, sustainability, and SDG scorecards, composite measures support evidence-based policymaking, performance management, and strategic learning. Composite Indicators and Indexes in M&E Training Course equips professionals with practical, analytical, and methodological skills to design, construct, validate, and interpret composite indicators aligned with results frameworks and international standards.

The training emphasizes methodological rigor, data quality, transparency, and policy relevance, combining quantitative techniques with real-world case studies from development, humanitarian, health, education, climate, and governance programs. Participants will gain hands-on experience in indicator aggregation, weighting, normalization, sensitivity analysis, and ethical use of indexes for accountability, learning, and adaptive management.

Programme Curriculum

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Course Objectives

By the end of this course, participants will be able to:

1. Understand the theoretical foundations of composite indicators in M&E
2. Differentiate between simple indicators, indexes, and composite measures
3. Align composite indicators with results frameworks, logframes, and ToC
4. Select appropriate dimensions, variables, and proxy indicators
5. Apply data normalization and standardization techniques
6. Design and justify weighting and aggregation methods
7. Construct policy-relevant indexes for program performance
8. Conduct robustness, sensitivity, and uncertainty analysis
9. Interpret composite indicators for decision-making and learning
10. Integrate composite indexes into performance monitoring systems
11. Address bias, ethics, and transparency in index construction
12. Communicate composite indicator findings to stakeholders and donors
13. Apply composite indicators to SDGs, ESG, resilience, and impact measurement

Target Audience

1. Monitoring & Evaluation Officers and Specialists
2. Program and Project Managers
3. Policy Analysts and Researchers
4. Development Consultants and Evaluators
5. Government M&E and Planning Officers
6. NGO and INGO Results & Learning Teams
7. Data Analysts and Impact Measurement Professionals
8. Donor Agency and Development Partner Staff

Course Modules

Module 1: Foundations of Composite Indicators in M&E

- Definition and purpose of composite indicators
- Indicators vs indexes vs scorecards
- Role in results-based management (RBM)
- When and when not to use composite indicators
- **Case Study:** Human Development Index (HDI)

Module 2: Conceptual Frameworks and Dimension Selection

- Defining constructs and dimensions
- Indicator selection criteria
- Use of proxy indicators
- Alignment with Theory of Change
- **Case Study:** Multidimensional Poverty Index (MPI)

Module 3: Data Sources and Quality Considerations

- Quantitative and qualitative data sources
- Data gaps and missing data handling
- Validity, reliability, and comparability
- Administrative vs survey data
- **Case Study:** Education Quality Index

Module 4: Normalization and Standardization Techniques

- Scale transformation methods
- Min-max normalization
- Z-score standardization
- Directionality and thresholds
- **Case Study:** Governance Index normalization challenges

Module 5: Weighting and Aggregation Methods

- Equal vs expert-based weighting
- Statistical weighting (PCA, factor analysis)
- Additive vs multiplicative aggregation
- Trade-offs and compensability
- **Case Study:** Environmental Sustainability Index

Module 6: Robustness, Sensitivity, and Uncertainty Analysis

- Sensitivity testing approaches
- Uncertainty and confidence intervals
- Scenario analysis
- Bias detection and mitigation
- **Case Study:** Fragile States Index sensitivity analysis

Module 7: Interpretation, Visualization, and Use

- Reading and interpreting index scores
- Benchmarking and rankings
- Data visualization for decision-makers
- Policy and program implications
- **Case Study:** SDG Index dashboards

Module 8: Ethics, Governance, and Institutionalization

- Ethical risks in composite indicators
- Transparency and documentation standards

- Stakeholder engagement
- Institutionalizing indexes in M&E systems
- **Case Study:** National Performance Monitoring Index

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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