# DHIS2 for National Program Monitoring Training Course

Professional Development Training Course Outline

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

## Course Introduction

In today’s data-driven public health landscape, efficient monitoring of national programs is essential to achieving impactful outcomes. DHIS2 (District Health Information Software 2) has emerged as a leading digital health platform that empowers governments and organizations to collect, manage, analyze, and visualize health data in real-time. DHIS2 for National Program Monitoring Training Course is designed to enhance data literacy, program monitoring skills, and evidence-based decision-making, enabling participants to leverage DHIS2 for strategic health interventions, improved reporting, and resource optimization.

Participants will gain hands-on experience with data entry, dashboard creation, analytics, and reporting within DHIS2, while learning to integrate national health indicators, track program performance, and improve data quality. Through interactive modules, case studies, and practical exercises, learners will understand how DHIS2 can strengthen monitoring frameworks, support policy implementation, and enhance accountability across health programs.

## Programme Curriculum

**DHIS2 for National Program Monitoring Training Course**

**Introduction**

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**Course Duration**

5 days

**Course Objectives**

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

1. Configure DHIS2 for national program monitoring with precision.
2. Implement real-time data collection and validation for health programs.
3. Design interactive dashboards and visual analytics for program tracking.
4. Integrate DHIS2 with other national health information systems.
5. Apply data quality assurance principles to improve reporting accuracy.
6. Use DHIS2 for evidence-based decision-making and strategic planning.
7. Generate automated reports for national and sub-national health programs.
8. Analyze trends and patterns using advanced analytics techniques.
9. Conduct performance monitoring and evaluation (M&E) within DHIS2.
10. Utilize DHIS2 to track program indicators and target achievements.
11. Customize user roles and permissions for secure data management.
12. Address common DHIS2 implementation challenges with best practices.
13. Develop actionable insights and recommendations for program improvement.

**Target Audience**

1. National and county health program managers
2. M&E officers and coordinators
3. Data analysts and statisticians
4. Health information system officers
5. Policy makers and planners
6. NGO and development organization staff
7. IT professionals supporting health programs
8. Public health students and researchers

**Course Modules**

**Module 1: Introduction to DHIS2**

- Overview of DHIS2 and its role in national health programs
- Key features: data collection, analysis, and visualization
- Understanding DHIS2 architecture and modules
- Case Study: Successful DHIS2 implementation in maternal health programs
- Logging in and navigating DHIS2

**Module 2: Data Collection and Management**

- Creating data elements, datasets, and indicators
- Data entry workflows and forms configuration
- Data validation and error detection mechanisms
- Case Study: Routine immunization program data management
- Exercise: Setting up a sample dataset

**Module 3: Data Quality Assurance**

- Principles of data quality and accuracy checks
- Implementing validation rules and alerts
- Monitoring completeness and timeliness of data
- Case Study: Improving malaria surveillance data quality
- Running data quality reports

**Module 4: Dashboards and Visualization**

- Creating interactive dashboards and GIS maps
- Visual analytics for trend and gap analysis
- Customizing charts, graphs, and pivot tables
- Case Study: HIV program performance dashboards
- Building a dashboard for selected indicators

**Module 5: Analytics and Reporting**

- Generating standard and custom reports
- Advanced analytics using analytics apps
- Interpretation of program data for decision-making
- Case Study: National nutrition program reporting
- Producing a monthly program performance report

**Module 6: Program Monitoring and Evaluation (M&E)**

- Linking DHIS2 indicators to program objectives
- Monitoring targets and milestones
- Using DHIS2 for program evaluations
- Case Study: TB program performance review
- Setting up M&E framework in DHIS2

**Module 7: User Management and Security**

- Configuring user roles and permissions
- Ensuring data confidentiality and security
- Audit trails and user activity tracking
- Case Study: Securing patient-level health data
- Setting up user groups and access levels

**Module 8: Advanced DHIS2 Integration and Best Practices**

- Integrating DHIS2 with other national health systems
- Overcoming implementation challenges
- Best practices for scaling DHIS2 at national level
- Case Study: Integrated health information systems for maternal and child health

- Planning a DHIS2 integration project

### 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 |
| **23 Nov 2026** | 27 Nov 2026 | Physical | $1,500 |

| Start Date | End Date | Location | Price |
|---|---|---|---|
| **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:

**Register Online Now**

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com