

**Safety, Health and Environment (SHE)**

# TB/HIV Data Interpretation

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE

**MSDI**

DELIVERY

**Online / Face-to-Face**

DURATION

**Flexible**

PREPARED FOR

**Organisation Approval**[Register for this Course](#)[View Online Course Page](#)

## Course Overview

The TB/HIV Data Interpretation Course offered by Magna Skills is designed to equip healthcare professionals, researchers, and program managers with the essential skills to analyze and interpret data related to tuberculosis (TB) and HIV. This course covers key concepts in data collection, statistical analysis, data visualization, and the use of data for decision-making in TB and HIV programs. Participants will learn how to turn data into actionable insights to improve program outcomes and inform policy decisions.

## Course Outcomes

- **Understanding Data Collection Methods:** Learn about the different methods for collecting TB/HIV data and the importance of data quality.
- **Data Analysis Techniques:** Gain skills in statistical analysis and interpretation of TB/HIV data using various software tools.
- **Data Visualization:** Develop techniques for effectively visualizing TB/HIV data to communicate findings clearly and concisely.
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**Evidence-Based Decision Making:** Understand how to use data to inform program planning, implementation, and policy-making.

- **Reporting and Dissemination:** Learn best practices for reporting and disseminating TB/HIV data to stakeholders and the wider community

# Course Outline / Curriculum

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## Module 1: Introduction to TB/HIV Data

- Overview of TB and HIV epidemiology
- Importance of data in TB/HIV program management
- Key data sources and indicators

## Module 2: Data Collection Methods

- Methods for collecting TB/HIV data
- Ensuring data quality and integrity
- Common challenges in TB/HIV data collection

## Module 3: Basic Statistical Analysis

- Descriptive statistics and summary measures
- Introduction to inferential statistics
- Using statistical software for data analysis

## Module 4: Advanced Data Analysis Techniques

- Multivariate analysis
- Survival analysis
- Handling missing data and data imputation

## Module 5: Data Visualization and Presentation

- Principles of effective data visualization
- Tools for creating charts, graphs, and dashboards
- Interpreting and presenting data visually

## Module 6: Data Interpretation and Insights

- Translating data into actionable insights
- Identifying trends and patterns in TB/HIV data
- Case studies and real-world examples

## Module 7: Using Data for Decision Making

- Evidence-based decision making in TB/HIV programs
- Developing data-driven strategies and interventions
- Evaluating program impact using data

## Module 8: Reporting and Dissemination

- Best practices for reporting TB/HIV data
- Writing clear and concise data reports
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Disseminating findings to stakeholders and the community

### Module 9: Data Quality Assurance

- Techniques for ensuring data accuracy and reliability
- Conducting data quality audits
- Continuous quality improvement in data management

### Module 10: Practical Applications and Case Studies

- Hands-on exercises in data analysis and interpretation
- Case studies of successful TB/HIV data use
- Group discussions and feedback sessions

### Who Can Attend:

- Healthcare professionals involved in TB/HIV care and treatment
- Public health officials and program managers
- Epidemiologists and data analysts
- Researchers and academicians in the field of infectious diseases
- NGO and civil society members working on TB/HIV programs
- Students in public health and related fields

**Summary:** The TB/HIV Data Interpretation Course provides participants with the knowledge and skills needed to effectively collect, analyze, and interpret data related to TB and HIV. Through a blend of theoretical learning, practical exercises, and real-world case studies, participants will gain a comprehensive understanding of data management and its application in improving program outcomes. This course is ideal for professionals and stakeholders involved in TB/HIV care, program management, and policy-making, aiming to leverage data for better decision-making and impact

## Target Audience

HIV/AIDS Counselling & Youth Sexuality

## Key Course Benefits

### Work-Ready Skills

Delegates leave with practical tools, templates and methods they can apply immediately at work.

### Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

### Sponsor-Friendly

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

### Professional Recognition

Delegates receive training documentation and a certificate of completion after successful participation.

## Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

### Southern Africa

Practical training destinations with strong travel access and delegate support.

Pretoria, South Africa

Vic Falls, Zimbabwe

Livingstone, Zambia

### East Africa

Popular regional centres for government, NGO and donor-funded project teams.

Kigali, Rwanda

Kampala, Uganda

Nairobi

Zanzibar, Tanzania

### West Africa & Islands

Strategic locations for regional networking and executive capacity building.

Accra, Ghana

Port Louis, Mauritius

### International Executive Venue

Premium destination training for senior teams and international delegates.

Dubai, United Arab Emirates

### Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

Online, E-Learning

Remote Teams

Flexit

### Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

Onsite

Custom Dates

Group Training

## Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

[Register / Apply Online](#)

[View Full Course Page](#)

## About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training

NGO Capacity Building

Corporate Workshops

Online Learning

Face-to-Face Training

Certifica

## Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

<b>Organisation / Department</b>	
<b>Delegate Name(s)</b>	
<b>Approved Course</b>	TB/HIV Data Interpretation
<b>Preferred Delivery Mode</b>	<input type="checkbox"/> Online <input type="checkbox"/> Face-to-Face <input type="checkbox"/> Organisation-Based Training
<b>Preferred Training Venue / Date</b>	
<b>Estimated Number of Delegates</b>	
<b>Budget / Vote Number</b>	
<b>Contact Person</b>	
<b>Email / Mobile</b>	

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Authorised Name

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Signature / Stamp

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Date