



Data Impact Program

The Data Impact Program partners with governments to strengthen their use of data in decisions about public health policies and programs.



Analysis and Use of Vital Statistics e-Learning Course

An e-Learning course focused on assessing the quality of CRVS data, the production of vital statistics from civil registration records, and application and use of this data for policy-and decision-making.

Course Overview

The Analysis and Use of Vital Statistics (AUVS) e-Learning Course consists of 10 interactive modules and is a virtual adaptation of the Data for Health Initiative's "CRVS Data Use Course." The course also includes short video webisodes, where an invited topic expert provides a deeper overview of subject areas important to vital statistics. These subject areas include calculating completeness of registration, understanding verbal autopsy, creating effective visualizations, calculating and understanding excess mortality, and using the "[Production of a Vital Statistics Report](#)" resource kit.

WHO IS THIS COURSE FOR?

The primary audience of the course include government staff working within the Ministry of Health, national statistics office, civil registry department, or other agency responsible for analyzing and producing vital statistics. Students interested or engaged in epidemiology, statistics, or public health may also benefit from this course.

WHY THIS COURSE?

Accurate civil registration and vital statistics (CRVS) data are critical to understanding national health status and developing appropriate strategies and relevant policies to improve population health. In the absence of CRVS data, countries lack a clear picture of birth and death statistics and causes of death.



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This data gap makes it difficult to allocate resources appropriately to health, education, and other key government sectors. Vital statistics generated by well-functioning civil registration systems are crucial for policy development and decision-making and are central to monitoring several United Nations Sustainable Development Goal (SDG) targets.

MODULE STRUCTURE

1. Importance of Civil Registration and Vital Statistics
2. Assessing CRVS Data Quality and Completeness
3. Basic Measures from Vital Statistics: Births
4. Basic Measures from Vital Statistics: Deaths
5. Causes of Death
6. Analyzing and Interpreting Vital Statistics
7. Visualizing Vital Statistics
8. Advanced Measures
9. Disseminating Vital Statistics
10. Using Vital Statistics to Inform Policy and Planning

COURSE OBJECTIVES

The course will enable practitioners to:

- Conduct vital statistics data analysis
- Interpret vital statistics
- Understand advanced uses of CRVS data
- Create high-quality vital statistics visualizations and reports
- Disseminate findings to multiple audiences, including researchers, policymakers, media, etc.

Access the course at: learning.vitalstrategies.org/catalog
For more information: dataforhealth@vitalstrategies.org