



The Household Registration System: Computer Software for the Rapid Dissemination of Demographic Surveillance Systems

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Abstract:

Although longitudinal experimental community health research is crucial to testing hypotheses about the demographic impact of health technologies, longitudinal demographic research field stations are rare, owing to the complexity and high cost of developing requisite computer software systems. This paper describes the Household Registration System (HRS), a software package that has been used for the rapid development of eleven surveillance systems in sub-Saharan Africa and Asia. Features of the HRS automate software generation for a family of surveillance applications, obviating the need for new and complex computer software systems for each new longitudinal demographic study.

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Table of Contents:

- 1 Introduction
 - 2 Longitudinal Household Studies
 - 3 Data Management for Longitudinal Systems
 - 4 The HRS Software System
 - 5 Conclusion
- References
- Notes
- Table
- Figures

Keywords:

demographic surveillance, automated software generation, longitudinal survival studies, longitudinal community health research, experimental trial

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[Abstract](#)

1 [Introduction](#)

2 [Longitudinal Household Studies](#)

3 [Data Management for Longitudinal Systems](#)

4 [The HRS Software System](#)


5 [Conclusion](#)

[References](#)

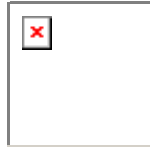
[Notes](#)

[Table](#)

[Figures](#)

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