

Prevalence of Measurement Data on the Impacts of HIV/AIDS among Those Aged 50 and older: Data resources to examine cohort and period transitions

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James W. McNally, PhD
NACDA, Program on Aging
National Archive of Computerized Data in Aging
NACDA/ICPSR
330 Perry Building
734-615-9520
jmcnally@umich.edu

Introduction

Current research in HIV/AIDS has focused on two core issues of concern related to this disease process and its impacts on older populations. The first concern is that of the social and economic costs of aged parents caring for children and younger relatives suffering from this disease. The elderly who engage in this type of family support not only face the increased burden of care giving for these sick and dying family members but they also face the loss of the very family members they would often depend upon for care in their later years. Work by Knodel et al (2001) and others have clearly laid out the issues relevant to this topic and they have established a research framework that is increasingly employed by other researchers in this area.

The research presented here addresses the second core issue, increasing our understanding of growing prevalence of late life exposure and contraction of HIV/AIDS among people aged 50 and older. Studies by numerous researchers have shown that the incidence of HIV/AIDS among the mid-life and aging populations has long represented 10 percent or more of the identified HIV positive population and is now increasing at an alarming rate. As of 2001, the decade long cumulative number of AIDS cases reported to the Centers for Disease Control and Prevention in adults aged 50 years or older quintupled, from 16,288 in 1990 to 90,513 by the end of 2001 (Mack and Ory, 2003). Recent work by Henderson et al (2004) has found that the knowledge and understanding of risks associated with contracting HIV/AIDS among older women (50 plus) was surprisingly limited and this lack of knowledge contributes to the increased risk of contracting HIV. While a number of researchers are looking into these issues they lack a centralized resource where that can locate and obtain a wide array of research data on this important topic. NACDA proposes to work with MiCDA to address this limitation.

Data and Methods

This paper presents work that examines measures of risk developed from the existing collection of the National Archive of Computerized Data on Aging (NACDA) as well as existing and emerging resources outside of NACDA. This research explores and identifies secondary data resources that provide measures and variables which will

contribute to our understanding of HIV/AIDS as a disease directly impacting the health of mature adults and the elderly and as a process impacting the health of family members and household residents of older persons. This data exploration provides summary findings from survey resources that measure issues such as the diagnosis, prevalence and treatment of this disease as well as data reflecting the mortality incidence among the older adult population or their family members. Currently NACDA possesses over 70 individual studies that explicitly address issues related to HIV/AIDS in the United States, Europe and Asia and contain information on midlife and older populations. This collection is unique both its breadth and its time frame as it spans data from the earliest recognition of HIV/AIDS health challenge in the early-1980's until the present time. This collection allows for research on changing attitudes and understandings of the risks of infection and the disease process itself as well as the ability to measure change in prevalence of HIV/AIDS among the older population across an extended period of time. While long present in the broader NACDA archive, limitations in both time and resources have not previously allowed us to formally organize and catalogue this data in relation to the topic of HIV/AIDS among older individuals. Through NIA funding we have an important opportunity to begin this important work and to identify similar data resources existing outside of the archive and potentially available to the research community in the future.

Because this study examines multiple aspects of this disease process across time, it represents an expansion of much of the existing research that typically examines only one aspect (prevalence, knowledge) or single time-periods. As a related aspect of this proposed study, we examine the availability of other secondary resources on HIV/AIDS (particularly in terms of incidence reporting) and investigate opportunities to acquire this information.

Preliminary Outcomes

The research presentation will summarize the work resulting from the analysis of existing secondary data on HIV/AIDS risks among mature and late life adults. We will identify relevant secondary data resources contained in the NACDA collections that provide insight into measuring the population characteristics of older adults at risk or infected with HIV/AIDS. These data are presented as part of a broader research framework meant to encourage other investigators to explore these issues in coming years using the identified data. This in turn is meant to encourage the development of more sophisticated research on adult risks of HIV/AIDS using secondary data resources as well as allowing the data to be distributed to interested researchers in a format that will facilitate the research process.

Bibliography

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