

SDA: Survey Documentation and Analysis

SDA is a set of programs for the documentation and Web-based analysis of survey data. There are also procedures for creating customized subsets of datasets. This set of programs is developed and maintained by the Computer-assisted Survey Methods Program (CSM) at the University of California, Berkeley. CSM also develops the CASES software package.

To see how it all works, test-drive SDA at the demonstration SDA Archive. Browse the documentation for a survey and get *FAST* data analysis results. You can also look at some other archives that use SDA software.

<http://sda.berkeley.edu/index.htm>

The ISSR Data Archive uses SDA and there are over 200 studies available to use for online analysis. Follow this link for a complete list of titles:

http://www.sscnet.ucla.edu/issr/da/index/online_analysis_available.htm

SDA programs:

Codebooks: SDA programs can produce codebooks either for printing or for browsing on the World Wide Web. The documentation for each study contains a full description of each variable, indexes to the variables, and whatever study-level information is available.

Analysis: You can also analyze data using techniques such as cross-tabulation, the comparison of means, the comparison of correlations and other analysis programs are available online. Data analysis programs in the package are designed to be run from a Web browser. SDA provides analysis results ***very quickly*** -- within seconds -- even on large datasets with millions of cases.

Subsetting: Another procedure allows users to generate and download a subset from a data file. In addition to generating the data file, the subset procedure produces a codebook for the subset and data definitions for SAS, SPSS, and Stata.

Books that Use SDA for Exercises and Examples

Hands-on Sociology 3rd ed., by William Feigelman and Yih-Jin Young. This book uses SDA -- both at this site and other sites -- to teach beginning sociology students data analysis. "Hands-On Sociology" won the 2005 ICPSR Prize Competition: Best Instructional Module or Instructional Innovation in the Social Sciences and Social Science History.

Statistics: The Art and Science of Learning from Data, by Alan Agresti and Christine Franklin. This book uses SDA for various exercises/examples.

Introduction to Sociology, by Anthony Giddens, Mitchell Duneier and Richard Appelbaum. The online companion Web site for this book uses SDA for exercises in various chapters.

SDA User Contributions: A collection of useful resources and tips offered by SDA users

Analysis curriculum and tutorials -- The IDEA Project
Contact: Chip Reichardt (creichar@du.edu), Univ. of Denver.

How to paste SDA output into a Microsoft Word document (PDF file)
Contributed by: Paul Gronke (<http://www.reed.edu/~gronkep>), Reed College.

Some Other Data Archives that Use SDA

ICPSR Data Analysis System (DAS) www.icpsr.umich.edu

- Substance Abuse and Mental Health Data Archive
- National Archive of Criminal Justice Data
- National Archive of Computerized Data on Aging
- International Archive of Education Data
- SETUPS (Supplementary Empirical Teaching Units in Political Science)
- Community and Social Capital

Other University-Based Archives

Cultural Policy and the Arts National Data Archive (CPANDA), Princeton University www.cpanda.org

Scientific Research on the Internet, University of Maryland
www.webuse.umd.edu

Emigrants to Liberia, 1820-1843, University of Wisconsin, Madison
sda.berkeley.edu/data/wisconsin

Research Institutes

National Survey of America's Families, Urban Institute, Washington, DC
www.urban.org/content/Research/NewFederalism/NSAF/OnlineAnalysis/AnalysisPrelogin.htm

Brazil Census Data for 3 States – 1996 Brazilian Census Bureau Test Site
sda.berkeley.edu/IBGE

Brazilian Health Data sda.berkeley.edu/br