

# Demographic Methods For The Statistical Office

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**Current Population Reports**  
- 1969

**Impact on the Private and Public Sector** - 1981

**Small-area Population Estimates--methods and Their Accuracy and New Metropolitan Area Definitions and Their**

**Statistical Reporter** - United States. Office of Management and Budget. Statistical Policy Division 1979

Innovations in Federal Statistics - National Academies of Sciences, Engineering, and Medicine 2017-04-21

Federal government statistics provide critical information to the country and serve a key role in a democracy. For decades, sample surveys with instruments carefully designed for particular data needs have been one of the primary methods for collecting data for federal statistics. However, the costs of conducting such surveys have been increasing while response rates have been declining, and many surveys are not able to fulfill growing demands for more timely information and for more detailed information at state and local levels. *Innovations in Federal Statistics* examines the opportunities and risks of using government administrative and private sector data sources to foster a paradigm shift in federal statistical programs that would combine diverse data sources in a secure manner to enhance federal statistics. This first publication of a two-part series discusses

the challenges faced by the federal statistical system and the foundational elements needed for a new paradigm.

*The Behavioral and Social Sciences*- National Research Council 1988-02-01

This volume explores the scientific frontiers and leading edges of research across the fields of anthropology, economics, political science, psychology, sociology, history, business, education, geography, law, and psychiatry, as well as the newer, more specialized areas of artificial intelligence, child development, cognitive science, communications, demography, linguistics, and management and decision science. It includes recommendations concerning new resources, facilities, and programs that may be needed over the next several years to ensure rapid progress and provide a high level of returns to basic research.

*The Current Population Survey* - United States. Bureau of the Census 1978

## **Encyclopedia of Survey Research Methods** - Paul J. Lavrakas 2008-09-12

In conjunction with top survey researchers around the world and with Nielsen Media Research serving as the corporate sponsor, the Encyclopedia of Survey Research Methods presents state-of-the-art information and methodological examples from the field of survey research. Although there are other "how-to" guides and references texts on survey research, none is as comprehensive as this Encyclopedia, and none presents the material in such a focused and approachable manner. With more than 600 entries, this resource uses a Total Survey Error perspective that considers all aspects of possible survey error from a cost-benefit standpoint.

## **Developments in Demographic Forecasting** - Stefano Mazzucco 2020-09-28

This open access book presents new developments in the field of demographic forecasting, covering both mortality, fertility and migration. For

each component emerging methods to forecast them are presented. Moreover, instruments for forecasting evaluation are provided. Bayesian models, nonparametric models, cohort approaches, elicitation of expert opinion, evaluation of probabilistic forecasts are some of the topics covered in the book. In addition, the book is accompanied by complementary material on the web allowing readers to practice with some of the ideas exposed in the book. Readers are encouraged to use this material to apply the new methods to their own data. The book is an important read for demographers, applied statisticians, as well as other social scientists interested or active in the field of population forecasting. Professional population forecasters in statistical agencies will find useful new ideas in various chapters.

## **Population Change and Rural Society** - William A. Kandel 2006-10-12

This book contains the latest

research on social and economic trends occurring in rural America. It provides a unique focus on rural demography and the interaction between population dynamics and local social and economic change. It is also the first volume on rural population that exploits data from Census 2000. The book highlights major themes transforming contemporary rural areas and each is examined with an expanded overview and case study.

[Introduction to Small Area Estimation Techniques](#) - Asian Development Bank 2020-05-01  
This guide to small area estimation aims to help users compile more reliable granular or disaggregated data in cost-effective ways. It explains small area estimation techniques with examples of how the easily accessible R analytical platform can be used to implement them, particularly to estimate indicators on poverty, employment, and health outcomes. The guide is intended for staff of national statistics offices and for other

development practitioners. It aims to help them to develop and implement targeted socioeconomic policies to ensure that the vulnerable segments of societies are not left behind, and to monitor progress toward the Sustainable Development Goals.

*Differential Undercounts in the U. S. Census*- William P. O'Hare 2019-01-01

This open access book describes the differences in US census coverage, also referred to as "differential undercount", by showing which groups have the highest net undercounts and which groups have the greatest undercount differentials, and discusses why such undercounts occur. In addition to focusing on measuring census coverage for several demographic characteristics, including age, gender, race, Hispanic origin status, and tenure, it also considers several of the main hard-to-count populations, such as immigrants, the homeless, the LGBT community, children in foster care, and the disabled.

However, given the dearth of accurate undercount data for these groups, they are covered less comprehensively than those demographic groups for which there is reliable undercount data from the Census Bureau. This book is of interest to demographers, statisticians, survey methodologists, and all those interested in census coverage. Papers Presented at the Conference on Small Area Statistics - 1968

**Comparability of the Death Certificate and the 1986 National Mortality Followback Survey** - National Center for Health Statistics (U.S.) 1993

**Zambia Demographic and Health Survey** - 1996

**Demographic Methods** - Andrew Hinde 2014-05-12  
First published in 1998.  
Routledge is an imprint of Taylor & Francis, an informa company.

**Aging and the Macroeconomy** - National

Research Council 2013-01-10  
The United States is in the midst of a major demographic shift. In the coming decades, people aged 65 and over will make up an increasingly large percentage of the population: The ratio of people aged 65+ to people aged 20-64 will rise by 80%. This shift is happening for two reasons: people are living longer, and many couples are choosing to have fewer children and to have those children somewhat later in life. The resulting demographic shift will present the nation with economic challenges, both to absorb the costs and to leverage the benefits of an aging population. Aging and the Macroeconomy: Long-Term Implications of an Older Population presents the fundamental factors driving the aging of the U.S. population, as well as its societal implications and likely long-term macroeconomic effects in a global context. The report finds that, while population aging does not pose an insurmountable challenge to the nation, it is imperative that

sensible policies are implemented soon to allow companies and households to respond. It offers four practical approaches for preparing resources to support the future consumption of households and for adapting to the new economic landscape.

*Indirect Techniques for Demographic Estimation*  
United Nations. Department of International Economic and Social Affairs. Population Division 1983

*Fundamentals of Demographic Analysis: Concepts, Measures and Methods* - Gordon A.

Carmichael 2015-11-04  
This book offers an ideal introduction to the analysis of demographic data. Inside, readers of all quantitative skill levels will find the information they need to develop a solid understanding of the methods used to study human populations and how they change over time due to such factors as birth, death, and migration. The comprehensive, systematic coverage defines basic concepts and introduces

data sources; champions the use of Lexis diagrams as a device for visualizing demographic measures; highlights the importance of making comparisons (whether over time or between populations at a point in time) that control for differences in population composition; describes approaches to analyzing mortality, fertility, and migration; and details approaches to the important field of population projection. Throughout, the author makes the material accessible for readers through careful exposition, the use of examples, and other helpful features. This book's thorough coverage of basic concepts and principles lays a firm foundation for anyone contemplating undertaking demographic research, whether in a university setting or in a professional employment that takes on a demographic dimension requiring in-house training. [Advanced Techniques of Population Analysis](#) - S.S. Halli 1992-03-31

Utilizing the most recent developments in statistical modeling as applied to population studies, the authors interpret results obtained from available software and apply these results to current research issues.

**Designing Household Survey Samples** - United Nations 2008

The publication provides practical guidelines to survey sample design, data processing and analysis of large-scale household surveys. It underscores the importance of developing a good implementation strategy for surveys in order to generate accurate survey results by minimizing sampling and non-sampling errors. The publication covers in detail sampling strategies, sampling frames and master samples, the construction and use of sample weights, and the estimation of sampling errors for survey data. The publication covers in detail sampling strategies, sampling frames and master samples, the construction and use of

sample weights, and the estimation of sampling errors for survey data. It also gives practical guidelines on the planning and execution of surveys, the documentation and evaluation of sample designs, non-sampling errors, and data processing.

**Curbing Population Growth** - Oscar Harkavy 1995-09-30

This study describes the development of the international population movement in the period since World War II, with particular attention given to the role of private U.S. foundations. There are chapters on the beginnings of the modern population movement in the 1950s, developments through the 1960s and 1970s, the causes and effects of population change, the search for better methods of contraception, India and its population problem, population issues in the United States, and new directions for the population movement. The book concludes with three essays: one by Ansley J. Coale on the present status of world population,

demography, and population policy; one by Sheldon J. Segal on expanding contraceptive choices for men and women; and one by Amy O. Tsui on reforming population paradigms for science and action.

**Demographic Techniques for Manpower Planning in Developing Countries -**

United States Employment Service 1963

*Occupational Outlook Handbook* - United States. Bureau of Labor Statistics 1976

Demographic Methods and Concepts - Donald T. Rowland 2003-04-17

Demographic Methods and Concepts makes accessible the most commonly needed techniques for working with population statistics, irrespective of the reader's mathematical background. For the first time in such a text, concepts and practical strategies needed in the interpretation of demographic indices and data are included. Spreadsheet training exercises

enable students to acquire the computer skills needed for demographic work. The accompanying free CD-ROM contains innovative, fully integrated learning modules as well as applications facilitating demographic studies.

**Wildlife Demography** - J. R. Skalski 2005

Wildlife Demography compiles the multitude of available estimation techniques based on sex and age data, and presents these varying techniques in one organized, unified volume.

Designed to guide researchers to the most appropriate estimator based upon their particular data set and the desired level of study precision, this book provides quantitative consideration, statistical models, estimator variance, assumptions and examples of use. The authors focus on estimation techniques using sex and age ratios because this data is relatively easy to collect and commonly used by wildlife management \* Applicable to a wide array of wildlife species, including game and non-game birds and mammals \* Features

more than 100 annotated examples illustrating application of statistical methods \* Includes more than 640 references of the analysis of nontagging data and the factors that may influence interpretation \* Derives historical and ad hoc demographic methods in a modern statistical framework  
*The methods and materials of demography* - Henry S. Shryock 1980

□□□□□□ - 2007

**Directory of Technical Cooperation in Statistics** - United Nations 1990

Mathematical Demography - David P. Smith 2013-07-23  
Mathematical demography is the centerpiece of quantitative social science. The founding works of this field from Roman times to the late Twentieth Century are collected here, in a new edition of a classic work by David R. Smith and Nathan Keyfitz. Commentaries by Smith and Keyfitz have been brought up to date and

extended by Kenneth Wachter and Hervé Le Bras, giving a synoptic picture of the leading achievements in formal population studies. Like the original collection, this new edition constitutes an indispensable source for students and scientists alike, and illustrates the deep roots and continuing vitality of mathematical demography.  
*Concepts and Methods for Integrating Social and Economic Statistics on Health, Education, and Housing*  
Christopher Thomas Saunders 1986

This report is one of a series of technical reports issued by the United Nations on integration and improvement of social, demographic, and related statistics and indicators. It notes that establishing detailed links between national accounts and balances and social statistics has proven to be unusually complex at the conceptual level. The applicability and usefulness in the social fields of internationally recommended concepts and classifications

from economic statistics are explored, and the application of such concepts and classifications is discussed.

Chapters I through IV deal with general questions of integrating economic and social statistics that are common to many fields of social concern. These include: (1) the general justification for integration; (2) the central importance of multipurpose classifications; (3) problems and possibilities for linkage between micro- and macro-data; and (4) technical issues involved in the use of statistics in social fields related to economic measurement.

Chapters V through VII analyze practical problems of integration using actual available data as illustrations in the fields of health services, educational services, and housing and human settlements. Proposals for further work are summarized in Chapter VIII. (Contains five tables.) (SLD)

*Principles and  
Recommendations for  
Population and Housing*

*Censuses, Revision-3* United Nations Department of Economic and Social Affairs 2017-11-01

Since its early years, the United Nations has issued a series of international recommendations on population and housing censuses under the title "Principles and Recommendations for Population and Housing Censuses". These publication series, which are based on good national practices in census taking, are widely used by national statistical offices and census officials in countries throughout the world in planning and carrying out population and housing censuses, as well as other related data collection activities, particularly demographic and socio-economic surveys. The recommendations provide guidance on the main characteristics of population and housing censuses, general material on census methodology, planning, and operations, and more detailed

guidance on the content of censuses, in terms of topics for population and also housing. These series are currently revised to assist countries in preparing for the 2020 round of censuses by taking into account changes in methodology, technology, as well as the need for better data dissemination and utilization.

### **The Methods and Materials of Demography** - Jacob S.

Siegel 2004-03-17

This is a thorough update of 'Methods and Materials of Demography' (1976). Like the original, this text presents a systematic and comprehensive exposition of the methods used by technicians and research workers in dealing with demographic data.

*Handbook for Producing National Statistical Reports on Women and Men* - United Nations. Statistical Division 1997

This handbook shows how to develop and publish a minimum set of statistics and indicators on women's and men's position in society. It is based on lessons learned in

preparing The World's Women 1970-1990: Trends and Statistics, which was a collaborative effort of United Nations agencies to present a factual view of progress made globally towards advancing the situation of women relative to men. The World's Women generated demand for gender statistics publications that could be widely disseminated to users of varied backgrounds. This handbook is a step-by-step guide to the preparation of such publications in countries, from organizing a planning committee to promoting the final product. A main feature is the practical guidance and illustrations given on developing statistical indicators from national data sources.--Publisher's description.

[Principles and Recommendations for Population and Housing Censuses](#) - United Nations. Statistical Division 2008

The population and housing census is part of an integrated national statistical system, which may include other

censuses (for example, agriculture), surveys, registers and administrative files. It provides, at regular intervals, the benchmark for population count at national and local levels. For small geographical areas or sub-populations, it may represent the only source of information for certain social, demographic and economic characteristics. For many countries the census also provides a solid framework to develop sampling frames. This publication represents one of the pillars for data collection on the number and characteristics of the population of a country.

*Statistical Report 4980*

*2000 Census of Population and Housing - 2004*

**Natural and Political Observations Made Upon the Bills of Mortality** - John Graunt 1620-1674  
2021-09-10  
This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in

the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an

important part of keeping this knowledge alive and relevant.

**Methods of Demographic Analysis** - Farhat Yusuf  
2013-10-22

This book provides an up-to-date overview of demographic analysis and methods, including recent developments in demography. Concepts and methods, from the nature of demographic information

through data collection and the basics of statistical measures and on to demographic analysis itself are succinctly explained. Measures and analyses of fertility, mortality, life tables, migration and demographic events such as marriage, education and labour force are described while later chapters cover multiple decrement tables, population projections, the importance of testing and smoothing demographic data, the stable population model and demographic software. An emphasis on practical aspects and the use of real-life examples based on data from around the globe make this book accessible, whilst comprehensive references and links to data and other resources on the internet help readers to explore further. The text is concise and well written, making it ideally suited to a wider audience from students to academics and teachers. Students of demography, geography, sociology, economics, as well as professionals, academics and students of marketing, human

resource management, and public health who have an interest in population issues will all find this book useful.

### **Principles and Recommendations for a Vital Statistics System - United Nations 2014**

The publication is an international standard on the design and operation of an efficient and accurate vital statistics system at national level. It provides guidelines on collection, compiling and disseminating vital statistics. More specifically it contains (a) basic principles for a vital statistics system; (b) uses of vital statistics and civil registration records; (c) topics to be covered in a vital statistics system; (d) sources of vital statistics and how they function; (e) quality assurance in the vital statistics system and (f) strategies in improving civil registration and vital statistics systems in countries. It also informs policy makers and the general public on the importance of vital statistics and hence further improving the vital statistics system.

**New Florencia** - United

States. Bureau of the Census  
1969