This PDF is a selection from an out-of-print volume from the National Bureau of Economic Research

Volume Title: The Role of Health Insurance in the Health Services Sector

Volume Author/Editor: Richard N. Rosett

Volume Publisher: NBER

Volume ISBN: 0-87014-272-0

Volume URL: http://www.nber.org/books/rose76-1

Publication Date: 1976

Chapter Title: Front matter, The Role of Health Insurance in the Health Services Sector

Chapter Author: Richard N. Rosett

Chapter URL: http://www.nber.org/chapters/c3814

Chapter pages in book: (p. -12 - 0)

NATIONAL BUREAU OF ECONOMIC RESEARCH Universities-National Bureau Conference Series No. 27 edited by RICHARD N. ROSETT

The Role of Health Insurance in the Health Services Sector

A Conference of the Universities-National Bureau Committee for Economic Research



Distributed by NEALE WATSON ACADEMIC PUBLICATIONS

New York

NATIONAL BUREAU OF ECONOMIC RESEARCH New York 1976

Copyright © 1976 by the National Bureau of Economic Research, Inc. All rights reserved.

Printed in the United States of America.

Library of Congress Cataloging in Publication Data

Main entry under title:

The role of health insurance in the health services sector.

(Universities-National Bureau conference series; 27)

- Includes bibliographical references.
 1. Insurance, Health—United States—Addresses, essays, lectures.
- 2. Medical economics—United States—Addresses, essays, lectures.
- I. Rosett, Richard N., 1928— II. Universities-National Bureau Committee for Economic Research. III. Series.

HG396.R64 368.4'2'00973 76-8856

ISBN 0-87014-272-0

NATIONAL BUREAU OF ECONOMIC RESEARCH

OFFICERS

Arthur F. Burns, Honorary Chairman
J. Wilson Newman, Chairman
Moses Abramovitz, Vice Chairman
John R. Meyer, President
Thomas D. Flynn, Treasurer
Douglas H. Eldridge, Executive Secretary
Gary Fromm, Director, NBER-Washington
Victor R. Fuchs, Vice President; Co-director,
NBER-West
Edwin Kuh, Vice President and Director,
Computer Research Center

Robert E. Lipsey, Director, International and Financial Studies Harvey J. McMains, Vice President-Executive Director Sherman J. Maisel, Co-director, NBER-West Geoffrey H. Moore, Director, Business Cycle Research Edward K. Smith, Director, Corporate Planning and Development

DIRECTORS AT LARGE

Atherton Bean, International Multifoods
Corporation
Andrew F. Brimmer, Harvard University
Arthur F. Burns, Board of Covernors of
the Federal Reserve System
Wallace J. Campbell, Foundation for
Cooperative Housing
Erwin D. Canham, Christian Science
Monitor
Emilio G. Collado, Exxon Corporation
Solomon Fabricant, New York University
Frank L. Fernbach, United Steelworkers
of America
Eugene P. Foley, Montrose Securities, Inc.
Edward L. Ginzton, Varian Associates
David L. Grove, International Business
Machines Corporation
Walter W. Heller, University of Minnesota

John R. Meyer, Harvard University
Geoffrey H. Moore, National Bureau of
Economic Research
J. Wilson Newman, Dun & Bradstreet, Inc.
James J. O'Leary, United States Trust
Company of New York
Rudolph A. Oswald, American Federation of
Labor and Congress of Industrial
Organizations
Robert V. Roosa, Brown Brothers
Harriman & Co.
Eli Shapiro, The Travelers Corporation
Arnold M. Soloway, Jamaicaway Tower,
Boston, Massachusetts
Lazare Teper, International Ladies' Garment
Workers' Union
Theodore O. Yntema, Oakland University

DIRECTORS BY UNIVERSITY APPOINTMENT

Moses Abramovitz, Stanford
Gardner Ackley, Michigan
Charles H. Berry, Princeton
Francis M. Boddy, Minnesota
Otto Eckstein, Harvard
Walter D. Fisher, Northwestern
R. A. Gordon, California, Berkeley
J. C. LaForce, California, Los Angeles

Robert J. Lampman, Wisconsin Maurice W. Lee, North Carolina Almarin Phillips, Pennsylvania Lloyd G. Reynolds, Yale Robert M. Solow, Massachusetts Institute of Technology Henri Theil, Chicago William S. Vickrey, Columbia

DIRECTORS BY APPOINTMENT OF OTHER ORGANIZATIONS

Richard M. Bird, Canadian Economics Association Eugene A. Birnbaum, American Management Associations Carl F. Christ, American Economic Association Thomas D. Flynn, American Institute of Certified Public Accountants Nathaniel Goldfinger, American Federation of Labor and Congress of Industrial Organizations

Harold C. Halcrow, American Agricultural Economics Association
Walter E. Hoadley, American Finance Association
Philip M. Klutznick, Committee for Economic Development
Paul W. McCracken, American Statistical Association
Roy E. Moor, National Association of Business Economists
Douglass C. North, Economic History

DIRECTORS EMERITI

Association

Percival F. Brundage Frank W. Fetter Gottfried Haberler Albert J. Hettinger Jr. George B. Roberts Murray Shields Boris Shishkin Willard L. Thorp Joseph H. Willits

SENIOR RESEARCH STAFF

Gary S. Becker Charlotte Boschan Phillip Cagan Stanley Diller Solomon Fabricant Milton Friedman Gary Fromm Victor R. Fuchs J. Royce Ginn Raymond W. Goldsmith Michael Gort Michael Grossman F. Thomas Juster John F. Kain John W. Kendrick Irving B. Kravis Edwin Kuh William M. Landes Robert E. Lipsey Sherman J. Maisel Benoit B. Mandelbrot John R. Meyer Robert T. Michael Jacob Mincer Ilse Mintz Geoffrey H. Moore M. Ishaq Nadiri Nancy Ruggles Richard Ruggles Anna J. Schwartz Edward K. Smith George J. Stigler Robert J. Willis Victor Zarnowtiz Relation of the National Bureau Directors to Publications Reporting Conference Proceedings

Since the present volume is a record of conference proceedings, it has been exempted from the rules governing submission of manuscripts to, and critical review by, the Board of Directors of the National Bureau.

(Resolution adopted July 6, 1948, as revised November 21, 1949, and April 20, 1968)

UNIVERSITIES-NATIONAL BUREAU COMMITTEE FOR ECONOMIC RESEARCH

This committee is a cooperative venture of universities and the National Bureau. Its guiding objective is the encouragement of economic research on problems susceptible of objective treatment and of sufficiently broad scope to merit attention by institutions serving a scientific and public interest.

Participating universities and their present representatives are:

Brown, Jerome L. Stein Buffalo, Daniel Hamberg California (Berkeley), Daniel McFadden California (Los Angeles), J. C. LaForce Carnegie-Mellon, Edward Prescott Chicago, Lester G. Telser Columbia, Robert Mundell Cornell, S. C. Tsiang Duke, T. Dudley Wallace Harvard, John V. Lintner Illinois, George G. Judge Indiana, Franz Gehrels Iowa State, Dudley G. Luckett Johns Hopkins, Carl F. Christ Maryland, Barbara Bergman Massachusetts Institute of Technology, Richard S. Eckaus McGill, Alex G. Vicas Michigan, Harold T. Shapiro Michigan State, Victor Smith Minnesota, lames M. Henderson

New School for Social Research, Thomas Vietorisz New York, M. Ishaq Nadiri North Carolina, Henry A. Latané Northwestern, Robert Eisner Ohio State, Ion Cunnungham Pennsylvania, Jere R. Behrman Pittsburgh, S. H. Chou Princeton, Edwin S. Mills Purdue, Patric H. Hendershott Queen's, Martin F. J. Prachowny Rochester, Walter Y. Oi Stanford, Moses Abramovitz Texas, David A. Kendrick Toronto, Richard Bird Vanderbilt, Anthony Tang Virginia, Richard T. Selden Washington (St. Louis), Werner Hochwald Washington (Seattle), Richard W. Parks Wisconsin, Leonard W. Weiss Yale, Richard Ruggles

The National Bureau of Economic Research representative is: Robert E. Lipsey

Members at large are:

Irma Adelman Bela A. Balassa Carl E. Beigie

Daniel Creamer Frank de Leeuw

George J. Stigler Walter S. Salant

Secretary: Christine Mortensen

The officers of the Universities-National Bureau Committee are: Edwin s. Mills (Princeton University), Chairman; Leonard W. Weiss (University of Wisconsin), Vice Chairman; and Christine Mortensen (National Bureau of Economic Research), Secretary. The members of the Executive Committee are: Irma Adelman (University of Maryland), Richard Bird (University of Toronto), Robert Eisner (Northwestern University), Robert E. Lipsey (National Bureau of Economic Research), Dudley G. Luckett (Iowa State University), Edwin S. Mills, and Leonard W. Weiss.

Funds for the economic research conference program of the National Bureau of Economic Research are supplied by the National Science Foundation

Contents

	Preface	хi	
Part I	THE MARKET FOR HEALTH INSURANCE	1	
	1. Welfare Analysis of Changes in Health		
•	Coinsurance Rates	3	
	Kenneth Arrow		
	Comments	24	
	William Brock, Isaac Ehrlich		
	2. The Joint Demand for Health Insurance and Pre-		
	ventive Medicine	35	
	Gerald Nordquist and S. Y. Wu		
	Comments	66	
	Robert L. Berg, Sherwin Rosen		
	3. Group Health Insurance as a Local Public Good	73	
	Gerald S. Goldstein and Mark V. Pauly	110	
	Comments	110	
	Donald Richter, William Vickrey	~	
	4. Demand for Reimbursement Insurance	115	
	Charles E. Phelps Comments	156	
	H. E. Frech III, Lester B. Lave	130	
	11. E. Flech III, Lester B. Lave		
Part II	EFFECTS OF HEALTH INSURANCE ON THE		
	MARKET FOR HEALTH SERVICES		
	5. Demand for Health Care Among the Urban Poor,		
	with Special Emphasis on the Role of Time	165	

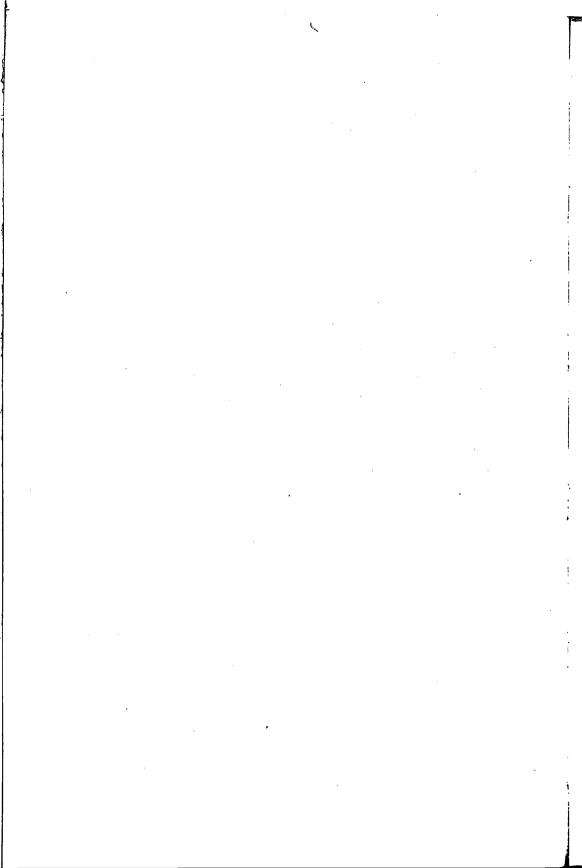
		Comments	208
		Rita Ricardo Campbell, Harry Gilman	
	6.	The Family Provision of Children's Health:	
		An Economic Analysis	215
		Robert P. Inman	
		Comments	254
		Lee Benham, David S. Salkever	
	7.	New Estimates of Price and Income Elasticities	
		of Medical Care Services	261
		Joseph P. Newhouse and Charles E. Phelps	
		Comments	313
		Paul B. Ginsburg, Harold S. Luft	٠
	8.	Physician Fee Inflation: Evidence from	
		the Late 1960s	321
		Frank A. Sloan	
		Comments	354
		Lien-fu Huang, Gail Wilensky	
Part III	NAT	ΓΙΟΝΑL HEALTH INSURANCE	363
	a	Mortality, Disability, and the Normative	
	Э.	Economics of Medicare	365
		Bernard Friedman	,
		Comments	385
		Stuart H. Altman, Ira Burney, Victor R. Fuchs	000
	10.		
	20.	to Medical Care	391
		Karen Davis and Roger Reynolds	
		Comments	426
		John Rafferty, Dorothy P. Rice	
	11.	Beyond the Medical Marketplace: Expenditure,	
		Utilization, and Pricing of Insured Health Care	
		in Canada	437
		Robert G. Evans	
		Comments	493
		Herbert E. Klarman, Anne S. Scitovsky	430
	12.		
		on the Price and Quantity of Medical Care	505
		Martin Feldstein and Bernard Friedman	000
		Comments	529
		Barry R. Chiswick, Michael D. Intriligator	020
		Reply	540
		Martin Feldstein and Bernard Friedman	010
	Inde		542
	mut		~

Preface

Conferences are sponsored by the Universities-National Bureau Committee for Economic Research in order to focus attention on major new areas of research. The economics of health easily satisfied the criteria for sponsorship. Though empirical and institutional studies of health economics can be found even in the earliest literature on economics, no major economic theorist concerned himself with any of the questions that are peculiar to the field until Kenneth Arrow published "Uncertainty and the Welfare Economics of Medical Care" in 1963. Since then, partly stimulated by rising public interest in national health insurance and partly attracted by the extremely interesting theoretical questions raised by Arrow, economists have increasingly turned their attention to health, applying sophisticated analysis to vast bodies of data newly made available by government agencies and various professional organizations and private survey centers.

Thus, when a committee was formed (consisting of Martin Feldstein, Michael Grossman, and myself) to organize a conference on an extremely important but narrowly defined topic in health economics, it was easy to find a dozen papers for which research was already in progress. Indeed, it would have been almost as easy to find twice that number, and many of the participants who served as discussants are themselves engaged in research that could appropriately have been included.

Michael Grossman and Martin Feldstein did much of the work of selection for the conference and therefore deserve a share of whatever credit or blame derives from it. Finally, Feldstein deserves an additional share for having had some part in the education of fully half the participants.



The Role of Health Insurance in the Health Services Sector

