Acknowledgments vii

Introduction 3

DAVID E. BLOOM
WOLFGANG LUTZ
ALEXIA PRSKAWETZ

PART I. THE ECONOMIC SIGNIFICANCE OF GLOBAL AGING

Global Demographic Change: Dimensions and Economic Significance 17

DAVID E. BLOOM
DAVID CANNING

The Impact of Global Aging on Labor, Product, and Capital Markets 52

AXEL H. BÖRSCH-SUPAN

Aggregate Evidence on the Link Between Age Structure and Productivity 78

JAMES FEYRER

PART II. THE ROLE OF HUMAN CAPITAL ACCUMULATION IN ECONOMIC GROWTH

Declining Mortality Among British Scientists During the Age of Enlightenment 103

RYAN D. EDWARDS


RAOUF BOUCEKKINE
DAVID DE LA CROIX
DOMINIQUE PEETERS

The Population Dynamics of Human Capital Accumulation 149

WOLFGANG LUTZ
ANNE GOUJON
ANNABABETTE WILS
PART III. PRODUCTIVITY STUDIES AT VARIOUS LEVELS OF ANALYSIS

Age and Productivity Potential: A New Approach Based on Ability Levels and Industry-Wide Task Demand 191

VEGARD SKIRBEKK

Charting the Economic Life Cycle 208

RONALD LEE
SANG-HYOP LEE
ANDREW MASON

Productivity Consequences of Workforce Aging: Stagnation or Horndal Effect? 238

BO MALMBERG
THOMAS LINDH
MAX HALVARSSON

Older Workers and National Productivity in Japan 257

ROBERT L. CLARK
NAOHIRO OGAWA
SANG-HYOP LEE
RIKIYA MATSUURA

Growth Effects of Age-Related Productivity Differentials in an Aging Society: A Simulation Study for Austria 275

HELMUT HOBER
THOMAS URL

Workforce Aging and Labor Productivity: The Role of Supply and Demand for Labor in the G7 Countries 298

ALEXIA PRSKAWETZ
THOMAS FENT
ROSS GUEST

AUTHORS 325