## Contents

Ac	knowledgments	Page ix
1	Introduction Julian L. Simon	1
PA	<b>ART I:</b> Life, Death, and Health	29
2	Human Mortality Throughout History and Prehistory Samuel H. Preston	30
3	The Decline of Childhood Mortality Kenneth Hill	37
4		51
5	The Contribution of Improved Nutrition to the Decline in Mortality Rates in Europe and America <i>Robert William Fogel</i>	61
6	Trends in Health of the US Population: 1957-89 Eileen M. Crimmins and Dominique G. Ingegneri	72
7		85
8		91
9		98
10	World Trends in Smoking Allan M. Brandt	106
11	Long-Term Trends in the Consumption of Alcoholic Beverages James S. Roberts	114
PA	<b>ART II:</b> Standard of Living, Productivity, and Poverty	123
12	Trends in the Agricultural Labor Force Richard J. Sullivan	124

vi	Contents	
13		135
	Joyce Burnette and Joel Mokyr	
14	Long-Term Trends in the US Standard of Living	149
1 7	Stanley Lebergott	1.61
15	Long-Term Trends in Productivity	161
16	Jeremy Atack	
10	The Extent of Slavery and Freedom Throughout the Ages, in the World as a Whole and in Major Subareas	171
	Stanley L. Engerman	1/1
17	Black Americans: Income and Standard of Living from	
17	the Days of Slavery to the Present	178
	Robert Higgs and Robert A. Margo	170
18	The Long-Term Course of American Inequality:	
	1647-1969	188
	Peter H. Lindert and Jeffrey G. Williamson	
19	Trends in Unemployment in the United States	196
	Alexander Keyssar	
20	Trends in Costs and Quality of Housing	203
	Richard F. Muth	
21		208
~~	Julian L. Simon and Rebecca Boggs	224
22	Trends in Free Time	224
<b>n</b> 2	John P. Robinson	021
23	Trends in Poverty in the United States	231
<b>∩</b> ⊿	Rebecca M. Blank	241
24	How "Poor" Are America's Poor? Robert Rector	241
25	Homelessness in America	257
25	Randall K. Filer	231
26	The Recent US Economy	271
20	Alan Reynolds	271
РЛ	RT III: Natural Resources	279
27	0	280
•	William J. Hausman	
28	Trends in the Price and Supply of Oil	287
20	Morris A. Adelman	204
29	The Costs of Nuclear Power	294
30	<i>Bernard L, Cohen</i> Trends in Availability of Non-Fuel Minerals	303
50	John G. Myers, Stephen Moore, and Julian L. Simon	505
	Trends in Nonrenewable Resources	313
31		515
31		
	H. E. Goeller	323
31 32		323
	<i>H.E. Goeller</i> Trends in Availability and Usage of Outdoor Recreation	323 328

	Contents	vii
34	Species Loss Revisited Julian L. Simon and Aaron Wildavsky	346
PA	RT IV: Agriculture, Food, Land, and Water	363
35	Agricultural Productivity Before the Green Revolution <i>George W. Grantham</i>	364
36	The World's Rising Food Productivity Dennis Avety	376
37	Recent Trends in Food Availability and Nutritional Well-Being Thomas T. Poleman	394
38		405
39		411
40	Trends in Soil Erosion and Farmland Quality Bruce L. Gardner and Theodore W. Schultz	416
41	Water, Water Everywhere But Not a Drop to Sell Terry L. Anderson	425
42	Trends in Land Use in the United States H. Thomas Frey	434
PA	<b>RT V:</b> Pollution and the Environment	443
43	Long-Run Trends in Environmental Quality William J. Baumol and Wallace E. Oates	444
44	Atmospheric Pollution Trends in the United Kingdom Derek M. Elsom	476
45	Trends in Air Pollution in the United States Hugh W. Ellsaesser	491
46		503
47	Acid Rain	523
48	J. Laurence Kulp Stratospheric Ozone: Science and Policy	536
49	S. Fred Singer The Greenhouse Effect and Global Change: Review and Reappraisal Patrick J. Michaels	544
50	Greenhouse Scenarios to Inform Decision Makers	565
51	Lester Lave The Hazards of Nuclear Power	576
52	<i>Bernard L. Cohen</i> Pesticides, Cancer, and Misconceptions <i>Bruce N. Ames</i>	588

ţ

viii	Contents	
53	The Carcinogen or Toxin of the Week Phenomenon: The Facts Behind the Scares <i>Elizabeth M. Whelan</i>	595
PA	RT VI: Thinking about the Issues	609
54	American Public Opinion: Environment and Energy William M. Lunch and Stanley Rothman	610
55	Public Opinion About, and Media Coverage of, Population Growth <i>Rita J. Simon</i>	619
56	Risk Within Reason Richard J. Zeckhauser and W. Kip Viscusi	628
57	Natural Ecology Today and in the Future: A Personal View <i>Kenneth Mellanby</i>	637
PA	<b>RT VII:</b> Conclusion: From the Past to the Future	641
58	What Does the Future Hold? The Forecast in a Nutshell Julian L. Simon	642
List	t of Figures t of Tables t of Contributors ex	661 671 673 677