

Contents

List of Tables *ix*

Preface *xv*

I Describing and Measuring Unemployment

- 1 Labor Market Dynamics and Unemployment:
A Reconsideration (with Kim B. Clark) 3
- 2 The Dynamics of Youth Unemployment (with Kim B. Clark) 48
- 3 Reporting Errors and Labor Market Dynamics (with James M.
Poterba) 86

II Cyclical Unemployment

- 4 Demographic Differences in Cyclical Employment Variation
(with Kim B. Clark) 111
- 5 Labor Force Participation: Timing and Persistence (with Kim B.
Clark) 130
- 6 Intertemporal Substitution in Macroeconomics (with N. Gregory
Mankiw and Julio J. Rotemberg) 160

III Structural Unemployment

- 7 Unemployment Insurance and Labor Market Transitions
(with Kim B. Clark) 187

8	Hysteresis and the European Unemployment Problem (with Olivier J. Blanchard)	227
9	Why Is the Unemployment Rate So Very High Near Full Employment?	286
10	Beyond the Natural Rate Hypothesis (with Olivier J. Blanchard)	329
	References	338
	Index	353

List of Tables

- 1.1 Characteristics of completed spells of unemployment, by demographic group, 1974, and for all groups, 1969 and 1975 8
- 1.2 Characteristics of labor force withdrawal and reentry and selected groups outside the labor force, by demographic group, various years, 1974–77 13
- 1.3 Characteristics of reentrants into the labor force, by demographic group, May 1976 18
- 1.4 Characteristics and distribution of unemployment and nonemployment, by demographic group, 1974, and for all groups, 1969 and 1975 21
- 1.5 Expected weeks of unemployment and nonemployment, by demographic group, 1974, and for all groups, 1969 and 1975 24
- 1.6 Characteristics and distribution of unemployment and nonemployment of nonwhite and all men aged 45 to 59, four-year period, 1965–68 26
- 1.7 Alternative estimates of the distribution of unemployed persons and of weeks of unemployment, by demographic group, 1974 29
- 1.8 Number of spells, weeks employed, and weeks outside the labor force for persons with more than twenty-six weeks of unemployment, by demographic group, 1974 30
- 1.9 Unemployment due to temporary layoffs and reemployment and search intensity of all unemployed persons and persons on temporary layoff, males aged 25 to 59 and total population, 1976 33
- 1.10 Duration in employment and duration in a job, by demographic group 37

- 2.1 Employment, unemployment, and labor force transitions March–May 1976 52
- 2.2 Relative flows into and out of not-in-labor-force, March–May 1976 by demographic schooling groups 55
- 2.3 Labor market durations 57
- 2.4 Seasonal variation in labor market stocks and flows for males 16–19, 1968–76 59
- 2.5 Alternative measures of the duration of joblessness 64
- 2.6 The concentration of unemployment and nonemployment for teenagers, 1974 66
- 2.7 Differences in unemployment experience for out-of-school teenagers by race, March–May 1976 68
- 2.8 Cyclical behavior of unemployment, participation, and employment by teenage demographic groups (standard errors in parentheses) 74
- 2.9 Cyclical response of teenagers by enrollment status 76
- 2.10 Cyclical behavior of transition probabilities 1968–76 (standard errors in parentheses) 78
- 3.1 Actual and spurious transitions in the current population survey 89
- 3.2 Survey response inconsistencies, CPS reinterview survey 90
- 3.3 Estimated response errors in the current population survey 93
- 3.4 Total labor market gross flows with and without adjustment 96
- 3.5 Labor market transition probabilities from adjusted and unadjusted flows 100
- 3.6 Probabilities of labor force withdrawal and successful unemployment escape 103
- 3.7 Expected unemployment durations 105
- 4.1 Decomposition of changes in the employment ratio (numbers are in percent) 114
- 4.2 Cyclical response of participation, unemployment, and employment by demographic groups 117

- 4.3 Population shares and the shares of demographic groups in short-run variations in the employment ratio 119
- 4.4 Cyclical response of participation, unemployment, and employment by race 120
- 4.5 Cyclical response of teenagers by enrollment status 121
- 4.6 Simulated unemployment rates for 1976, 4th quarter, assuming 1969 levels of aggregate demand 124
- 4.7 Cyclical response of unemployment of demographic groups (standard errors in parentheses) 127
- 4.8 Cyclical response of participation of demographic groups (standard errors in parentheses) 128
- 5.1 Participation of adult women by marital status and age 1890–1950 135
- 5.2 Predicted trends in participation 1940–50 136
- 5.3 Timing and persistence effects in time-series participation equations 146
- 5.4 Timing and persistence effects in time-series employment equations 147
- 5.5 Estimates of the basic cross-section model for men and women (standard errors in parentheses) 153
- 6.1 Estimates of Euler equation for consumption (EC) separable case 173
- 6.2 Estimates of Euler equation for consumption (EC) nonseparable case 174
- 6.3 Estimates of Euler equation for leisure (EL) separable case 175
- 6.4 Estimates of Euler equation for leisure (EL) nonseparable case 176
- 6.5 Estimates of static condition (S) 178
- 6.6 System estimates: nonseparable case 179
- 6.7 Elasticities implied by the estimates 181
- 7.1 Labor market transition probabilities, by age and sex, 1974 annual average 191

- 7.2 Effect of unemployment insurance on labor market transition probabilities 197
- 7.3 Parameters of the unemployment insurance system in a typical state, and common variations 199
- 7.4 Estimated marginal tax rates, replacement ratios, and potential durations of employed and unemployed (percent except where otherwise indicated) 204
- 7.5 Basic current population survey variables, by labor market state 208
- 7.6 Multinomial logit estimates of transitions from unemployment, by reason for unemployment 211
- 7.7 Linear and multinomial logit estimates of the probability of leaving employment 214
- 7.8 Transitions into the labor force 217
- 7.9 Impact of changes in unemployment insurance on employment and unemployment with no change in wages (percent) 220
- 7.10 Impact of changes in unemployment insurance on employment and unemployment, with wages adjusted for tax changes (percent) 221
- 8.1 European and U.S. unemployment 1961–86 (percent) 230
- 8.2 Inflation and unemployment in the United Kingdom, France, and Germany 1984–85 (percent) 234
- 8.3 Supply factors and U.K. unemployment 235
- 8.4A Wage equations 1953–84 260
- 8.4B Wage equation residuals 1953–84 261
- 8.5 Wage change equations 1953–84 262
- 8.6 Employment processes 1953–84 264
- 8.7 Unemployment processes 1953–84 265
- 8.8 Patterns of inflow to unemployment 268
- 8.9 The importance of long term unemployment 269
- 8.10 The persistence of unemployment in good and bad times 272
- 8.11 Wage equations 1953–67 273

- 8.12 The American economy 1925–45 275
- 8.13 Wage equations and the American Depression 276
- 8.14 Labor market turnover and the American Depression 278
- 9.1 Increasing unemployment over the business cycle, July 1953–July 1986 (percent) 289
- 9.2 Corrected unemployment trends, various periods, 1955–85 (percentage points) 290
- 9.3 Changes in labor force composition and the unemployment rate, 1954–85 (percentage points) 293
- 9.4 Unemployment rates for population subgroups, 1965, 1974, 1978, and 1985 (percent) 296
- 9.5 Unemployment by reason and duration, various years, 1965–85 (percent except where otherwise indicated) 299
- 9.6 Unemployment and alternative labor market indicators, 1960–85 (percent) 302
- 9.7 Major activity of the unemployed, 1973–84 (percent except where otherwise indicated) 305
- 9.8 Major activity of the unemployed, by age and sex, 1974 and 1984 (percent) 307
- 9.9 Actual and adjusted state unemployment rates, 1984 (percent) 309
- 9.10 Employment growth and changes in unemployment, various periods, 1970–85 311
- 9.11 Employment growth and unemployment in Massachusetts and the United States, various periods, 1976–85 (percent except where otherwise indicated) 312
- 9.12 Unionization and state unemployment rates, 1970–85 318
- 9.13 Unionization and state employment ratios, 1970–85 320
- 9.14 Annual percentage changes in the employment cost index, by union status, 1973–85 321
- 9.15 Dispersion in wages and compensation, 1970–85 (standard deviation of log) 322