

## **Journal of Economic Literature (JEL) Classification System**

A - General Economics and Teaching

B - History of Economic Thought, Methodology, and Heterodox Approaches

C - Mathematical and Quantitative Methods

D - Microeconomics

E - Macroeconomics and Monetary Economics

F - International Economics

G - Financial Economics

H - Public Economics

I - Health, Education, and Welfare

J - Labor and Demographic Economics

K - Law and Economics

L - Industrial Organization

M - Business Administration and Business Economics; Marketing; Accounting

N - Economic History

O - Economic Development, Technological Change, and Growth

P - Economic Systems

Q - Agricultural and Natural Resource Economics; Environmental and Ecological Economics

R - Urban, Rural, and Regional Economics

Z - Other Special Topics

**A - General Economics and Teaching****A1 - General Economics**

A10 - General

A11 - Role of Economics; Role of Economists; Market for Economists

A12 - Relation of Economics to Other Disciplines

A13 - Relation of Economics to Social Values

A14 - Sociology of Economics

A19 - Other

**A2 - Economic Education and Teaching of Economics**

A20 - General

A21 - Pre-college

A22 - Undergraduate

A23 - Graduate

A29 - Other

**A3 - Collective Works**

A30 - General

A31 - Collected Writings of Individuals

A32 - Volumes

A33 - Handbooks

A39 - Other

**B - History of Economic Thought, Methodology, and Heterodox Approaches**

B0 - General

B00 - General

**B1 - History of Economic Thought through 1925**

B10 - General

B11 - Preclassical (Ancient, Medieval, Mercantilist, Physiocratic)

B12 - Classical

B13 - Neoclassical through 1925 (Australian, Marshallian, Walrasian, Stockholm School)

B14 - Socialist; Marxist

B15 - Historical; Institutional; Evolutionary

B16 - History of Economic Thought: Quantitative and Mathematical

B19 - Other

**B2 - History of Economic Thought since 1925**

B20 - General

B21 - Microeconomics

B22 - Macroeconomics

B23 - History of Economic Thought: Econometrics; Quantitative and Mathematical Studies

B24 - Socialist; Marxist; Sraffian

B25 - Historical; Institutional; Evolutionary; Austrian

B26 - Financial Economics

B29 - Other

**B3 - History of Economic Thought: Individuals**

B30 - General

B31 - Individuals

B32 - Obituaries

B4 - Economic Methodology

B40 - General

B41 - Economic Methodology

B49 - Other

**B5 - Current Heterodox Approaches**

B50 - General

B51 - Socialist; Marxian; Sraffian

B52 - Institutional; Evolutionary

B53 - Austrian

B54 - Feminist Economics

B59 - Other

**C - Mathematical and Quantitative Methods****C0 - General**

C00 - General

C01 - Econometrics

C02 - Mathematical Methods

**C1 - Econometric and Statistical Methods and Methodology:  
General**

C10 - General

C11 - Bayesian Analysis: General

C12 - Hypothesis Testing: General

C13 - Estimation: General

C14 - Semiparametric and Nonparametric Methods: General

C15 - Statistical Simulation Methods: General

C16 - Specific Distributions

C18 - Methodological Issues: General

C19 - Other

## **C2 - Single Equation Models; Single Variables**

C20 - General

C21 - Cross-Sectional Models; Spatial Models; Treatment Effect Models; Quantile Regressions

C22 - Time-Series Models; Dynamic Quantile Regressions; Dynamic Treatment Models

C23 - Models with Panel Data; Longitudinal Data; Spatial Time Series

C24 - Truncated and Censored Models; Switching Regression Models

C25 - Discrete Regression and Qualitative Choice Models; Discrete Regressors; Proportions

C26 - Instrumental Variables (IV) Estimation

C29 - Other

## **C3 - Multiple or Simultaneous Equation Models; Multiple Variables**

C30 - General

C31 - Cross-Sectional Models; Spatial Models; Treatment Effect Models; Quantile Regressions; Social Interaction Models

C32 - Time-Series Models; Dynamic Quantile Regressions; Dynamic Treatment Models

C33 - Models with Panel Data; Longitudinal Data; Spatial Time Series

C34 - Truncated and Censored Models; Switching Regression Models

C35 - Discrete Regression and Qualitative Choice Models; Discrete Regressors; Proportions

C36 - Instrumental Variables (IV) Estimation

C38 - Classification Methods; Cluster Analysis; Factor Analysis

C39 - Other

**C4 - Econometric and Statistical Methods: Special Topics**

C40 - General

C41 - Duration Analysis; Optimal Timing Strategies

C43 - Index Numbers and Aggregation

C44 - Statistical Decision Theory; Operations Research

C45 - Neural Networks and Related Topics

C46 - Specific Distributions; Specific Statistics

C49 - Other

**C5 - Econometric Modeling**

C50 - General

C51 - Model Construction and Estimation

C52 - Model Evaluation, Validation, and Selection

C53 - Forecasting Models; Simulation Methods

C54 - Quantitative Policy Modeling

C58 - Financial Econometrics

C59 - Other

**C6 - Mathematical Methods; Programming Models; Mathematical and Simulation Modeling**

C60 - General

C61 - Optimization Techniques; Programming Models; Dynamic Analysis

C62 - Existence and Stability Conditions of Equilibrium

C63 - Computational Techniques; Simulation Modeling

C65 - Miscellaneous Mathematical Tools

C67 - Input–Output Models

C68 - Computable General Equilibrium Models

C69 - Other

**C7 - Game Theory and Bargaining Theory**

C70 - General

C71 - Cooperative Games

C72 - Noncooperative Games

C73 - Stochastic and Dynamic Games; Evolutionary Games; Repeated Games

C78 - Bargaining Theory; Matching Theory

C79 - Other

### **C8 - Data Collection and Data Estimation Methodology; Computer Programs**

C80 - General

C81 - Methodology for Collecting, Estimating, and Organizing Microeconomic Data; Data Analysis

C82 - Methodology for Collecting, Estimating, and Organizing Macroeconomic Data; Data Analysis

C83 - Survey Methods; Sampling Methods

C87 - Econometric Software

C88 - Other Computer Software

C89 - Other

### **C9 - Design of Experiments**

C90 - General

C91 - Laboratory, Individual Behavior

C92 - Laboratory, Group Behavior

C93 - Field Experiments

C99 - Other

### **D - Microeconomics**

#### **D0 - General**

D00 - General

D01 - Microeconomic Behavior: Underlying Principles

D02 - Institutions: Design, Formation, and Operations

D03 - Behavioral Economics; Underlying Principles

D04 - Microeconomic Policy: Formulation; Implementation; Evaluation

#### **D1 - Household Behavior and Family Economics**

D10 - General

D11 - Consumer Economics: Theory

D12 - Consumer Economics: Empirical Analysis

D13 - Household Production and Intrahousehold Allocation

D14 - Personal Finance

D18 - Consumer Protection

D19 - Other

#### **D2 - Production and Organizations**

D20 - General

D21 - Firm Behavior: Theory

D22 - Firm Behavior: Empirical Analysis

D23 - Organizational Behavior; Transaction Costs; Property Rights

D24 - Production; Cost; Capital, Total Factor, and Multifactor Productivity; Capacity

D29 - Other

### **D3 - Distribution**

D30 - General

D31 - Personal Income, Wealth, and Their Distributions

D33 - Factor Income Distribution

D39 - Other

### **D4 - Market Structure and Pricing**

D40 - General

D41 - Perfect Competition

D42 - Monopoly

D43 - Oligopoly and Other Forms of Market Imperfection

D44 - Auctions

D45 - Rationing; Licensing

D46 - Value Theory

D49 - Other

### **D5 - General Equilibrium and Disequilibrium**

D50 - General

D51 - Exchange and Production Economies

D52 - Incomplete Markets

D53 - Financial Markets

D57 - Input–Output Tables and Analysis

D58 - Computable and Other Applied General Equilibrium Models

D59 - Other

### **D6 - Welfare Economics**

D60 - General

D61 - Allocative Efficiency; Cost–Benefit Analysis

D62 - Externalities

D63 - Equity, Justice, Inequality, and Other Normative Criteria and Measurement

D64 - Altruism

D69 - Other

### **D7 - Analysis of Collective Decision-Making**

D70 - General

D71 - Social Choice; Clubs; Committees; Associations

D72 - Political Processes: Rent-Seeking, Lobbying, Elections, Legislatures, and Voting Behavior

D73 - Bureaucracy; Administrative Processes in Public Organizations; Corruption

D74 - Conflict; Conflict Resolution; Alliances

D78 - Positive Analysis of Policy-Making and Implementation

D79 - Other

### **D8 - Information, Knowledge, and Uncertainty**

D80 - General

D81 - Criteria for Decision-Making under Risk and Uncertainty

D82 - Asymmetric and Private Information

D83 - Search; Learning; Information and Knowledge; Communication; Belief

D84 - Expectations; Speculations

D85 - Network Formation and Analysis: Theory

D86 - Economics of Contract: Theory

D87 - Neuroeconomics

D89 - Other

### **D9 - Intertemporal Choice and Growth**

D90 - General

D91 - Intertemporal Consumer Choice; Life Cycle Models and Saving

D92 - Intertemporal Firm Choice and Growth, Financing, Investment, and Capacity

D99 - Other

### **E - Macroeconomics and Monetary Economics**

#### **E0 - General**

E00 - General



E01 - Measurement and Data on National Income and Product Accounts and Wealth; Environmental Accounts

E02 - Institutions and the Macroeconomy

### **E1 - General Aggregative Models**

E10 - General

E11 - Marxian; Sraffian; Institutional; Evolutionary

E12 - Keynes; Keynesian; Post-Keynesian

E13 - Neoclassical

E17 - Forecasting and Simulation: Models and Applications

E19 - Other

### **E2 - Macroeconomics: Consumption, Saving, Production, Employment, and Investment**

E20 - General

E21 - Consumption; Saving; Wealth

E22 - Capital; Investment; Capacity

E23 - Production

E24 - Employment; Unemployment; Wages; Intergenerational Income Distribution; Aggregate Human Capital

E25 - Aggregate Factor Income Distribution

E26 - Informal Economy; Underground Economy

E27 - Forecasting and Simulation: Models and Applications

E29 - Other

### **E3 - Prices, Business Fluctuations, and Cycles**

E30 - General

E31 - Price Level; Inflation; Deflation

E32 - Business Fluctuations; Cycles

E37 - Forecasting and Simulation: Models and Applications

E39 - Other

### **E4 - Money and Interest Rates**

E40 - General

E41 - Demand for Money

E42 - Monetary Systems; Standards; Regimes; Government and the Monetary System; Payment Systems

E43 - Interest Rates: Determination, Term Structure, and Effects

E44 - Financial Markets and the Macroeconomy

E47 - Forecasting and Simulation: Models and Applications

E49 - Other

**E5 - Monetary Policy, Central Banking, and the Supply of Money and Credit**

E50 - General

E51 - Money Supply; Credit; Money Multipliers

E52 - Monetary Policy

E58 - Central Banks and Their Policies

E59 - Other

**E6 - Macroeconomic Policy, Macroeconomic Aspects of Public Finance, and General Outlook**

E60 - General

E61 - Policy Objectives; Policy Designs and Consistency; Policy Coordination

E62 - Fiscal Policy

E63 - Comparative or Joint Analysis of Fiscal and Monetary Policy; Stabilization; Treasury Policy

E64 - Incomes Policy; Price Policy

E65 - Studies of Particular Policy Episodes

E66 - General Outlook and Conditions

E69 - Other

**F - International Economics**

**F0 - General**

F00 - General

F01 - Global Outlook

F02 - International Economic Order

**F1 - Trade**

F10 - General

F11 - Neoclassical Models of Trade

F12 - Models of Trade with Imperfect Competition and Scale Economies

F13 - Trade Policy; International Trade Organizations

F14 - Country and Industry Studies of Trade

F15 - Economic Integration

F16 - Trade and Labor Market Interactions

F17 - Trade Forecasting and Simulation

F18 - Trade and Environment

F19 - Other

## **F2 - International Factor Movements and International Business**

F20 - General

F21 - International Investment; Long-Term Capital Movements

F22 - International Migration

F23 - Multinational Firms; International Business

F24 - Remittances

F29 - Other

## **F3 - International Finance**

F30 - General

F31 - Foreign Exchange

F32 - Current Account Adjustment; Short-Term Capital Movements

F33 - International Monetary Arrangements and Institutions

F34 - International Lending and Debt Problems

F35 - Foreign Aid

F36 - Financial Aspects of Economic Integration

F37 - International Finance Forecasting and Simulation: Models and Applications

F39 - Other

## **F4 - Macroeconomic Aspects of International Trade and Finance**

F40 - General

F41 - Open Economy Macroeconomics

F42 - International Policy Coordination and Transmission

F43 - Economic Growth of Open Economies

F44 - International Business Cycles

F47 - Forecasting and Simulation: Models and Applications

F49 - Other

## **F5 - International Relations and International Political Economy**

F50 - General

F51 - International Conflicts; Negotiations; Sanctions

F52 - National Security; Economic Nationalism

F53 - International Agreements and Observance; International Organizations

F54 - Colonialism; Imperialism; Postcolonialism

F55 - International Institutional Arrangements

F59 - International Relations and International Political Economy: Other

## **G - Financial Economics**

### **G0 - General**

G00 - General

G01 - Financial Crises

### **G1 - General Financial Markets**

G10 - General

G11 - Portfolio Choice; Investment Decisions

G12 - Asset Pricing; Trading volume; Bond Interest Rates

G13 - Contingent Pricing; Futures Pricing

G14 - Information and Market Efficiency; Event Studies

G15 - International Financial Markets

G17 - Financial Forecasting and Simulation

G18 - Government Policy and Regulation

G19 - Other

## **G2 - Financial Institutions and Services**

G20 - General

G21 - Banks; Other Depository Institutions; Micro Finance Institutions; Mortgages

G22 - Insurance; Insurance Companies

G23 - Pension Funds; Other Private Financial Institutions

G24 - Investment Banking; Venture Capital; Brokerage; Ratings and Ratings Agencies

G28 - Government Policy and Regulation

G29 - Other

## **G3 - Corporate Finance and Governance**

G30 - General

G31 - Capital Budgeting; Fixed Investment and Inventory Studies; Capacity

G32 - Financing Policy; Financial Risk and Risk Management; Capital and Ownership Structure

G33 - Bankruptcy; Liquidation

G34 - Mergers; Acquisitions; Restructuring; Corporate Governance

G35 - Payout Policy

G38 - Government Policy and Regulation

G39 - Other

## **H - Public Economics**

### **H0 - General**

H00 - General

### **H1 - Structure and Scope of Government**

H10 - General

H11 - Structure, Scope, and Performance of Government

H12 - Crisis Management

H19 - Other

### **H2 - Taxation, Subsidies, and Revenue**

H20 - General

H21 - Efficiency; Optimal Taxation

H22 - Incidence

H23 - Externalities; Redistributive Effects; Environmental Taxes and Subsidies

H24 - Personal Income and Other Nonbusiness Taxes and Subsidies

H25 - Business Taxes and Subsidies

H26 - Tax Evasion

H27 - Other Sources of Revenue

H29 - Other

### **H3 - Fiscal Policies and Behavior of Economic Agents**

H30 - General

H31 - Household

H32 - Firm

H39 - Other

### **H4 - Publicly Provided Goods**

H40 - General

H41 - Public Goods

H42 - Publicly Provided Private Goods

H43 - Project Evaluation; Social Discount Rate

H44 - Publicly Provided Goods: Mixed Markets

H49 - Other

#### **H5 - National Government Expenditures and Related Policies**

H50 - General

H51 - Government Expenditures and Health

H52 - Government Expenditures and Education

H53 - Government Expenditures and Welfare Programs

H54 - Infrastructures; Other Public Investment and Capital Stock

H55 - Social Security and Public Pensions

H56 - National Security and War

H57 - Procurement

H59 - Other

#### **H6 - National Budget, Deficit, and Debt**

H60 - General

H61 - Budget; Budget Systems

H62 - Deficit; Surplus

H63 - Debt; Debt Management; Sovereign Debt

H68 - Forecasts of Budgets, Deficits, and Debt

H69 - Other

#### **H7 - State and Local Government; Intergovernmental Relations**

H70 - General

H71 - State and Local Taxation, Subsidies, and Revenue

H72 - State and Local Budget and Expenditures

H73 - Interjurisdictional Differentials and Their Effects

H74 - State and Local Borrowing

H75 - State and Local Government: Health; Education; Welfare; Public Pensions

H76 - State and Local Government: Other Expenditure Categories

H77 - Intergovernmental Relations; Federalism; Secession

H79 - Other

**H8 - Miscellaneous Issues**

H80 - General

H81 - Governmental Loans, Loan Guarantees, Credits, and Grants

H82 - Governmental Property

H83 - Public Administration; Public Sector Accounting and Audits

H87 - International Fiscal Issues; International Public Goods

H89 - Other

**I - Health, Education, and Welfare****I0 - General**

I00 - General

**I1 - Health**

I10 - General

I11 - Analysis of Health Care Markets

I12 - Health Production

I18 - Government Policy; Regulation; Public Health

I19 - Other

**I2 - Education and Research Institutions**

I20 - General

I21 - Analysis of Education

I22 - Educational Finance

I23 - Higher Education and Research Institutions

I28 - Government Policy

I29 - Other

**I3 - Welfare and Poverty**

I30 - General

I31 - General Welfare

I32 - Measurement and Analysis of Poverty

I38 - Government Policy; Provision and Effects of Welfare Programs

I39 - Other

**J - Labor and Demographic Economics****J0 - General**

J00 - General

J01 - Labor Economics: General

J08 - Labor Economics Policies

**J1 - Demographic Economics**

J10 - General

J11 - Demographic Trends and Forecasts

J12 - Marriage; Marital Dissolution; Family Structure; Domestic Abuse

J13 - Fertility; Family Planning; Child Care; Children; Youth

J14 - Economics of the Elderly; Economics of the Handicapped; Non-Labor Market Discrimination

J15 - Economics of Minorities and Races; Non-labor Discrimination

J16 - Economics of Gender; Non-labor Discrimination

J17 - Value of Life; Forgone Income

J18 - Public Policy

J19 - Other

**J2 - Demand and Supply of Labor**

J20 - General

J21 - Labor Force and Employment, Size, and Structure

J22 - Time Allocation and Labor Supply

J23 - Labor Demand

J24 - Human Capital; Skills; Occupational Choice; Labor Productivity

J26 - Retirement; Retirement Policies

J28 - Safety; Job Satisfaction; Related Public Policy

J29 - Other

**J3 - Wages, Compensation, and Labor Costs**

J30 - General

J31 - Wage Level and Structure; Wage Differentials

J32 - Nonwage Labor Costs and Benefits; Private Pensions

J33 - Compensation Packages; Payment Methods

J38 - Public Policy



J39 - Other

#### **J4 - Particular Labor Markets**

J40 - General

J41 - Labor Contracts

J42 - Monopsony; Segmented Labor Markets

J43 - Agricultural Labor Markets

J44 - Professional Labor Markets; Occupational Licensing

J45 - Public Sector Labor Markets

J47 - Coercive Labor Markets

J48 - Public Policy

J49 - Other

#### **J5 - Labor–Management Relations, Trade Unions, and Collective Bargaining**

J50 - General

J51 - Trade Unions: Objectives, Structure, and Effects

J52 - Dispute Resolution: Strikes, Arbitration, and Mediation;  
Collective Bargaining

J53 - Labor–Management Relations; Industrial Jurisprudence

J54 - Producer Cooperatives; Labor Managed Firms; Employee Ownership

J58 - Public Policy

J59 - Other

#### **J6 - Mobility, Unemployment, and Vacancies**

J60 - General

J61 - Geographic Labor Mobility; Immigrant Workers

J62 - Job, Occupational, and Intergenerational Mobility

J63 - Turnover; Vacancies; Layoffs

J64 - Unemployment: Models, Duration, Incidence, and Job Search

J65 - Unemployment Insurance; Severance Pay; Plant Closings

J68 - Public Policy

J69 - Other

#### **J7 - Labor Discrimination**

J70 - General

J71 - Discrimination

J78 - Public Policy

J79 - Other

**J8 - Labor Standards: National and International**

J80 - General

J81 - Working Conditions

J82 - Labor Force Composition

J83 - Workers' Rights

J88 - Public Policy

J89 - Other

**K - Law and Economics**

K0 - General

K00 - General

**K1 - Basic Areas of Law**

K10 - General

K11 - Property Law

K12 - Contract Law

K13 - Tort Law and Product Liability

K14 - Criminal Law

K19 - Other

**K2 - Regulation and Business Law**

K20 - General

K21 - Antitrust Law

K22 - Corporation and Securities Law

K23 - Regulated Industries and Administrative Law

K29 - Other

**K3 - Other Substantive Areas of Law**

K30 - General

K31 - Labor Law

K32 - Environmental, Health, and Safety Law

K33 - International Law

K34 - Tax Law

K35 - Personal Bankruptcy Law

K36 - Family and Personal Law

K39 - Other

**K4 - Legal Procedure, the Legal System, and Illegal Behavior**

K40 - General

K41 - Litigation Process

K42 - Illegal Behavior and the Enforcement of Law

K49 - Other

**L - Industrial Organization****L0 - General**

L00 - General

**L1 - Market Structure, Firm Strategy, and Market Performance**

L10 - General

L11 - Production, Pricing, and Market Structure; Size Distribution of Firms

L12 - Monopoly; Monopolization Strategies

L13 - Oligopoly and Other Imperfect Markets

L14 - Transactional Relationships; Contracts and Reputation; Networks

L15 - Information and Product Quality; Standardization and Compatibility

L16 - Industrial Organization and Macroeconomics: Industrial Structure and Structural Change; Industrial Price Indices

L17 - Open Source Products and Markets

L19 - Other

**L2 - Firm Objectives, Organization, and Behavior**

L20 - General

L21 - Business Objectives of the Firm

L22 - Firm Organization and Market Structure

L23 - Organization of Production

L24 - Contracting Out; Joint Ventures; Technology Licensing

L25 - Firm Performance: Size, Diversification, and Scope

L26 - Entrepreneurship

L29 - Other

### **L3 - Nonprofit Organizations and Public Enterprise**

L30 - General

L31 - Nonprofit Institutions; NGOs

L32 - Public Enterprises; Public-Private Enterprises

L33 - Comparison of Public and Private Enterprises and Nonprofit Institutions; Privatization; Contracting Out

L38 - Public Policy

L39 - Other

### **L4 - Antitrust Issues and Policies**

L40 - General

L41 - Monopolization; Horizontal Anticompetitive Practices

L42 - Vertical Restraints; Resale Price Maintenance; Quantity Discounts

L43 - Legal Monopolies and Regulation or Deregulation

L44 - Antitrust Policy and Public Enterprises, Nonprofit Institutions, and Professional Organizations

L49 - Other

### **L5 - Regulation and Industrial Policy**

L50 - General

L51 - Economics of Regulation

L52 - Industrial Policy; Sectoral Planning Methods

L53 - Enterprise Policy

L59 - Other

### **L6 - Industry Studies: Manufacturing**

L60 - General

L61 - Metals and Metal Products; Cement; Glass; Ceramics

L62 - Automobiles; Other Transportation Equipment

L63 - Microelectronics; Computers; Communications Equipment

L64 - Other Machinery; Business Equipment; Armaments

L65 - Chemicals; Rubber; Drugs; Biotechnology

L66 - Food; Beverages; Cosmetics; Tobacco; Wine and Spirits

L67 - Other Consumer Nondurables: Clothing, Textiles, Shoes, and Leather

L68 - Appliances; Other Consumer Durables

L69 - Other

#### **L7 - Industry Studies: Primary Products and Construction**

L70 - General

L71 - Mining, Extraction, and Refining: Hydrocarbon Fuels

L72 - Mining, Extraction, and Refining: Other Nonrenewable Resources

L73 - Forest Products

L74 - Construction

L78 - Government Policy

L79 - Other

#### **L8 - Industry Studies: Services**

L80 - General

L81 - Retail and Wholesale Trade; e-Commerce

L82 - Entertainment; Media

L83 - Sports; Gambling; Recreation; Tourism

L84 - Personal, Professional, and Business Services

L85 - Real Estate Services

L86 - Information and Internet Services; Computer Software

L87 - Postal and Delivery Services

L88 - Government Policy

L89 - Other

#### **L9 - Industry Studies: Transportation and Utilities**

L90 - General

L91 - Transportation: General

L92 - Railroads and Other Surface Transportation

L93 - Air Transportation

L94 - Electric Utilities

L95 - Gas Utilities; Pipelines; Water Utilities

L96 - Telecommunications

L97 - Utilities: General

L98 - Government Policy

L99 - Other

**M - Business Administration and Business Economics; Marketing; Accounting**

**M0 - General**

M00 - General

**M1 - Business Administration**

M10 - General

M11 - Production Management

M12 - Personnel Management; Executive Compensation

M13 - New Firms; Startups

M14 - Corporate Culture; Social Responsibility

M15 - IT Management

M16 - International Business Administration

M19 - Other

**M2 - Business Economics**

M20 - General

M21 - Business Economics

M29 - Other

**M3 - Marketing and Advertising**

M30 - General

M31 - Marketing

M37 - Advertising

M38 - Government Policy and Regulation

M39 - Other

**M4 - Accounting and Auditing**

M40 - General

M41 - Accounting

M42 - Auditing

M48 - Government Policy and Regulation

M49 - Other

**M5 - Personnel Economics**

M50 - General

M51 - Firm Employment Decisions; Promotions

M52 - Compensation and Compensation Methods and Their Effects

M53 - Training

M54 - Labor Management

M55 - Labor Contracting Devices

M59 - Other

**N - Economic History****N0 - General**

N00 - General

N01 - Development of the Discipline: Historiographical; Sources and Methods

**N1 - Macroeconomics and Monetary Economics; Growth and Fluctuations**

N10 - General, International, or Comparative

N11 - U.S.; Canada: Pre-1913

N12 - U.S.; Canada: 1913–

N13 - Europe: Pre-1913

N14 - Europe: 1913–

N15 - Asia including Middle East

N16 - Latin America; Caribbean

N17 - Africa; Oceania

**N2 - Financial Markets and Institutions**

N20 - General, International, or Comparative

N21 - U.S.; Canada: Pre-1913

N22 - U.S.; Canada: 1913–

N23 - Europe: Pre-1913

N24 - Europe: 1913–

N25 - Asia including Middle East

N26 - Latin America; Caribbean

N27 - Africa; Oceania

**N3 - Labor and Consumers, Demography, Education, Health,  
Welfare, Income, Wealth, Religion, and Philanthropy**

N30 - General, International, or Comparative

N31 - U.S.; Canada: Pre-1913

N32 - U.S.; Canada: 1913-

N33 - Europe: Pre-1913

N34 - Europe: 1913-

N35 - Asia including Middle East

N36 - Latin America; Caribbean

N37 - Africa; Oceania

**N4 - Government, War, Law, International Relations, and  
Regulation**

N40 - General, International, or Comparative

N41 - U.S.; Canada: Pre-1913

N42 - U.S.; Canada: 1913-

N43 - Europe: Pre-1913

N44 - Europe: 1913-

N45 - Asia including Middle East

N46 - Latin America; Caribbean

N47 - Africa; Oceania

**N5 - Agriculture, Natural Resources, Environment, and Extractive  
Industries**

N50 - General, International, or Comparative

N51 - U.S.; Canada: Pre-1913

N52 - U.S.; Canada: 1913-

N53 - Europe: Pre-1913

N54 - Europe: 1913-

N55 - Asia including Middle East

N56 - Latin America; Caribbean

N57 - Africa; Oceania

**N6 - Manufacturing and Construction**

N60 - General, International, or Comparative

N61 - U.S.; Canada: Pre-1913

N62 - U.S.; Canada: 1913-

N63 - Europe: Pre-1913



N64 - Europe: 1913–

N65 - Asia including Middle East

N66 - Latin America; Caribbean

N67 - Africa; Oceania

### **N7 - Transport, Trade, Energy, Technology, and Other Services**

N70 - General, International, or Comparative

N71 - U.S.; Canada: Pre-1913

N72 - U.S.; Canada: 1913–

N73 - Europe: Pre-1913

N74 - Europe: 1913–

N75 - Asia including Middle East

N76 - Latin America; Caribbean

N77 - Africa; Oceania

### **N8 - Micro-Business History**

N80 - General, International, or Comparative

N81 - U.S.; Canada: Pre-1913

N82 - U.S.; Canada: 1913–

N83 - Europe: Pre-1913

N84 - Europe: 1913–

N85 - Asia including Middle East

N86 - Latin America; Caribbean

N87 - Africa; Oceania

### **N9 - Regional and Urban History**

N90 - General, International, or Comparative

N91 - U.S.; Canada: Pre-1913

N92 - U.S.; Canada: 1913–

N93 - Europe: Pre-1913

N94 - Europe: 1913–

N95 - Asia including Middle East

N96 - Latin America; Caribbean

N97 - Africa; Oceania

**O - Economic Development, Technological Change, and Growth****O1 - Economic Development**

O10 - General

O11 - Macroeconomic Analyses of Economic Development

O12 - Microeconomic Analyses of Economic Development

O13 - Agriculture; Natural Resources; Energy; Environment; Other Primary Products

O14 - Industrialization; Manufacturing and Service Industries; Choice of Technology

O15 - Human Resources; Human Development; Income Distribution; Migration

O16 - Economic Development: Financial Markets; Saving and Capital Investment; Corporate Finance and Governance

O17 - Formal and Informal Sectors; Shadow Economy; Institutional Arrangements

O18 - Regional, Urban, and Rural Analyses; Transportation

O19 - International Linkages to Development; Role of International Organizations

**O2 - Development Planning and Policy**

O20 - General

O21 - Planning Models; Planning Policy

O22 - Project Analysis

O23 - Fiscal and Monetary Policy in Development

O24 - Trade Policy; Factor Movement Policy; Foreign Exchange Policy

O25 - Industrial Policy

O29 - Other

**O3 - Technological Change; Research and Development**

O30 - General

O31 - Innovation and Invention: Processes and Incentives

O32 - Management of Technological Innovation and R&amp;D

O33 - Technological Change: Choices and Consequences; Diffusion Processes

O34 - Intellectual Property Rights

O38 - Government Policy

O39 - Other

**O4 - Economic Growth and Aggregate Productivity****O40 - General**

O41 - One, Two, and Multisector Growth Models

O42 - Monetary Growth Models

O43 - Institutions and Growth

O44 - Environment and Growth

O47 - Measurement of Economic Growth; Aggregate Productivity;  
Cross-Country Output Convergence

O49 - Other

**O5 - Economywide Country Studies**

O50 - General

O51 - U.S.; Canada

O52 - Europe

O53 - Asia including Middle East

O54 - Latin America; Caribbean

O55 - Africa

O56 - Oceania

O57 - Comparative Studies of Countries

**P - Economic Systems****P0 - General**

P00 - General

**P1 - Capitalist Systems**

P10 - General

P11 - Planning, Coordination, and Reform

P12 - Capitalist Enterprises

P13 - Cooperative Enterprises

P14 - Property Rights

P16 - Political Economy

P17 - Performance and Prospects

P19 - Other

**P2 - Socialist Systems and Transitional Economies**

P20 - General

P21 - Planning, Coordination, and Reform

P22 - Prices

P23 - Factor and Product Markets; Industry Studies; Population

P24 - National Income, Product, and Expenditure; Money; Inflation

P25 - Urban, Rural, and Regional Economics

P26 - Political Economy; Property Rights

P27 - Performance and Prospects

P28 - Natural Resources; Energy; Environment

P29 - Other

### **P3 - Socialist Institutions and Their Transitions**

P30 - General

P31 - Socialist Enterprises and Their Transitions

P32 - Collectives; Communes; Agriculture

P33 - International Trade, Finance, Investment, and Aid

P34 - Financial Economics

P35 - Public Economics

P36 - Socialist Institutions and Their Transitions: Consumer Economics; Health; Education and Training; Welfare, Income, Wealth, and Poverty

P37 - Legal Institutions; Illegal Behavior

P39 - Other

### **P4 - Other Economic Systems**

P40 - General

P41 - Planning, Coordination, and Reform

P42 - Productive Enterprises; Factor and Product Markets; Prices; Population

P43 - Public Economics; Financial Economics

P44 - National Income, Product, and Expenditure; Money; Inflation

P45 - International Trade, Finance, Investment, and Aid

P46 - Consumer Economics; Health; Education and Training; Welfare, Income, Wealth, and Poverty

P47 - Performance and Prospects

P48 - Political Economy; Legal Institutions; Property Rights; Natural Resources; Energy; Environment; Regional Studies

P49 - Other

### **P5 - Comparative Economic Systems**

P50 - General

P51 - Comparative Analysis of Economic Systems

P52 - Comparative Studies of Particular Economies

P59 - Other

**Q - Agricultural and Natural Resource Economics; Environmental and Ecological Economics**

Q0 - General

Q00 - General

Q01 - Sustainable Development

Q02 - Global Commodity Crises

**Q1 - Agriculture**

Q10 - General

Q11 - Aggregate Supply and Demand Analysis; Prices

Q12 - Micro Analysis of Farm Firms, Farm Households, and Farm Input Markets

Q13 - Agricultural Markets and Marketing; Cooperatives; Agribusiness

Q14 - Agricultural Finance

Q15 - Land Ownership and Tenure; Land Reform; Land Use; Irrigation; Agriculture and Environment

Q16 - R&D; Agricultural Technology; Biofuels; Agricultural Extension Services

Q17 - Agriculture in International Trade

Q18 - Agricultural Policy; Food Policy

Q19 - Other

**Q2 - Renewable Resources and Conservation**

Q20 - General

Q21 - Demand and Supply

Q22 - Fishery; Aquaculture

Q23 - Forestry

Q24 - Land

Q25 - Water

Q26 - Recreational Aspects of Natural Resources

Q27 - Renewable Resources and Conservation: Issues in International Trade

Q28 - Government Policy

Q29 - Other

**Q3 - Nonrenewable Resources and Conservation**

Q30 - General

Q31 - Demand and Supply

Q32 - Exhaustible Resources and Economic Development

Q34 - Natural Resources and Domestic and International Conflicts

Q33 - Resource Booms

Q38 - Government Policy

Q39 - Other

#### **Q4 - Energy**

Q40 - General

Q41 - Demand and Supply

Q42 - Alternative Energy Sources

Q43 - Energy and the Macro-economy

Q47 - Energy Forecasting

Q48 - Government Policy

Q49 - Other

#### **Q5 - Environmental Economics**

Q50 - General

Q51 - Valuation of Environmental Effects

Q52 - Pollution Control Adoption Costs; Distributional Effects; Employment Effects

Q53 - Air Pollution; Water Pollution; Noise; Hazardous Waste; Solid Waste; Recycling

Q54 - Climate; Natural Disasters; Global Warming

Q55 - Technological Innovation

Q56 - Environment and Development; Environment and Trade; Sustainability; Environmental Accounts and Accounting; Environmental Equity; Population Growth

Q57 - Ecological Economics: Ecosystem Services; Biodiversity Conservation; Bioeconomics; Industrial Ecology

Q58 - Government Policy

Q59 - Other

#### **R - Urban, Rural, and Regional Economics**

R0 - General

R00 - General

#### **R1 - General Regional Economics**

R10 - General

R11 - Regional Economic Activity: Growth, Development, and Changes

R12 - Size and Spatial Distributions of Regional Economic Activity

R13 - General Equilibrium and Welfare Economic Analysis of Regional Economies

R14 - Land Use Patterns

R15 - Econometric and Input–Output Models; Other Models

R19 - Other

## **R2 - Household Analysis**

R20 - General

R21 - Housing Demand

R22 - Other Demand

R23 - Regional Migration; Regional Labor Markets; Population; Neighborhood Characteristics

R28 - Government Policy

R29 - Other

## **R3 - Housing Markets, Production Analysis, and Firm Location**

R30 - General

R31 - Housing Supply and Markets

R32 - Other Production and Pricing Analysis

R33 - Nonagricultural and Nonresidential Real Estate Markets

R34 - Input Demand Analysis

R38 - Government Policies; Regulatory Policies

R39 - Other

## **R4 - Transportation Systems**

R40 - General

R41 - Transportation: Demand, Supply, and Congestion; Safety and Accidents; Transportation Noise

R42 - Government and Private Investment Analysis; Road Maintenance; Transportation Planning

R48 - Government Pricing; Regulatory Policies; Transportation Planning

R49 - Other

## **R5 - Regional Government Analysis**

R50 - General

R51 - Finance in Urban and Rural Economies

R52 - Land Use and Other Regulations

R53 - Public Facility Location Analysis; Public Investment and Capital Stock

R58 - Regional Development Planning and Policy

R59 - Other

**Z - Other Special Topics**

**Z0 - General**

Z00 - General

**Z1 - Cultural Economics; Economic Sociology; Economic Anthropology**

Z10 - General

Z11 - Economics of the Arts and Literature

Z12 - Religion

Z13 - Economic Sociology; Economic Anthropology; Social and Economic Stratification

Z19 - Other