JEL Classification System Guide

[ (Updated!) Indicates new or changed descriptor]

**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
I14 - Health and Inequality (Updated!)
I15 - Health and Economic Development (Updated!)
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
I24 - Education and Inequality (Updated!)
I25 - Education and Economic Development (Updated!)
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


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&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 Macroeconomy
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
Y - Miscellaneous Categories
   Y1 - Data: Tables and Charts
      Y10 - Data: Tables and Charts
   Y2 - Introductory Material
      Y20 - Introductory Material
   Y3 - Book Reviews (unclassified)
      Y30 - Book Reviews (unclassified)
   Y4 - Dissertations (unclassified)
      Y40 - Dissertations (unclassified)
   Y5 - Further Reading (unclassified)
      Y50 - Further Reading (unclassified)
   Y6 - Excerpts
      Y60 - Excerpts
   Y7 - No Author General Discussions
      Y70 - No Author General Discussions
   Y8 - Related Disciplines
      Y80 - Related Disciplines
   Y9 - Other
      Y90 - Other
      Y91 - Pictures and Maps

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