General Categories

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, Regional, Real Estate, and Transportation Economics
Y Miscellaneous Categories
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 Collective Volumes†
A33 Handbooks
A39 Other

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

B00 General

B1 History of Economic Thought through 1925
B10 General
B11 Preclassical (Ancient, Medieval, Mercantilist, Physiocratic)
B12 Classical (includes Adam Smith)
B13 Neoclassical through 1925 (Austrian, Marshallian, Walrasian, Stockholm School)
B14 Socialist • Marxist
B15 Historical • Institutional • Evolutionary
B16 Quantitative and Mathematical
B19 Other

B2 History of Economic Thought since 1925
  B20 General
  B21 Microeconomics
  B22 Macroeconomics
  B23 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

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
  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 Effect Models • Diffusion Processes
  C23 Panel Data Models • Spatio-temporal Models
  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
         Effect Models • Diffusion Processes†
      C33 Panel Data Models • Spatio-temporal Models†
      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 • Principal Components • Factor
         Models†
      C39 Other

C4 Econometric and Statistical Methods: Special Topics
   C40 General
      C41 Duration Analysis • Optimal Timing Strategies
      C43 Index Numbers and Aggregation
      C44 Operations Research • Statistical Decision Theory
      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 and Prediction Methods • Simulation Methods
C54 Quantitative Policy Modeling
C55 Modeling with Large Data Sets
C57 Econometrics of Games
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 Access

C82 Methodology for Collecting, Estimating, and Organizing Macroeconomic Data
  • Data Access
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

D00 General
D01 Microeconomic Behavior: Underlying Principles
D02 Institutions: Design, Formation, and Operations
D03 Behavioral Microeconomics • 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 Household Saving; 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 • 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
D47 Market Design
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 • Philanthropy
  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 Formulation 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 • Mechanism Design
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†
D90 General
D91 Intertemporal Household Choice • Life Cycle Models and Saving†
D92 Intertemporal Firm Choice, Investment, Capacity, and Financing†
D99 Other

E. Macroeconomics and Monetary Economics

E00 General
E01 Measurement and Data on National Income and Product Accounts and Wealth • Environmental Accounts
E02 Institutions and the Macroeconomy
E03 Behavioral Macroeconomics‡

E1 General Aggregative Models
E10 General
E11 Marxian • Sraffian • Institutional • Evolutionary
E12 Keynes • Keynesian • Post-Keynesian
E13 Neoclassical
E16 Social Accounting Matrix
E17 Forecasting and Simulation: Models and Applications
E19 Other

E2 Consumption, Saving, Production, Investment, Labor Markets, and Informal Economy†
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

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 •
       Fragmentation†
   F13 Trade Policy • International Trade Organizations
   F14 Empirical 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
F38 International Financial Policy: Financial Transactions Tax; Capital Controls†
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, National Security, 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 Other

F6 Economic Impacts of Globalization†
   F60 General
   F61 Microeconomic Impacts
   F62 Macroeconomic Impacts
   F63 Economic Development
   F64 Environment
   F65 Finance
F66 Labor
F68 Policy
F69 Other

G. Financial Economics

G00 General
G01 Financial Crises
G02 Behavioral Finance: Underlying Principles

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 • Insider Trading
   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 • Depository Institutions • Micro Finance Institutions • Mortgages
   G22 Insurance • Insurance Companies • Actuarial Studies
   G23 Non-bank Financial Institutions • Financial Instruments • Institutional Investors
   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 • Value of Firms • Goodwill
    G33 Bankruptcy • Liquidation
    G34 Mergers • Acquisitions • Restructuring • Corporate Governance
    G35 Payout Policy
    G38 Government Policy and Regulation
    G39 Other

H. Public Economics

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 • Grants • Bailouts
   H82 Governmental Property
   H83 Public Administration • Public Sector Accounting and Audits
   H84 Disaster Aid
   H87 International Fiscal Issues • International Public Goods
   H89 Other

I. Health, Education, and Welfare
I00 General

I1 Health
   I10 General
   I11 Analysis of Health Care Markets
   I12 Health Production
   I13 Health Insurance, Public and Private
   I14 Health and Inequality
   I15 Health and Economic Development
   I18 Government Policy • Regulation • Public Health
   I19 Other

I2 Education and Research Institutions
   I20 General
   I21 Analysis of Education
   I22 Educational Finance • Financial Aid†
   I23 Higher Education • Research Institutions‡
   I24 Education and Inequality
   I25 Education and Economic Development
   I28 Government Policy
   I29 Other

I3 Welfare, Well-Being, and Poverty‡
   I30 General
   I31 General Welfare, Well-Being †
   I32 Measurement and Analysis of Poverty
   I38 Government Policy • Provision and Effects of Welfare Programs
   I39 Other
**J. Labor and Demographic Economics**

J00 General
J01 Labor Economics: General
J08 Labor Economics Policies

J1 Demographic Economics
J10 General
J11 Demographic Trends, Macroeconomic Effects, 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, Races, Indigenous Peoples, and Immigrants • 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 • Retirement Plans • 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
   J46 Informal 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, Vacancies, and Immigrant Workers

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

K00 General
K1 Basic Areas of Law
   K10 General
   K11 Property Law
   K12 Contract Law
   K13 Tort Law and Product Liability • Forensic Economics†
   K14 Criminal Law
   K19 Other

K2 Regulation and Business Law
   K20 General
   K21 Antitrust Law
   K22 Business 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
   K37 Immigration 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

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 • Furniture • 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 • Restaurants • 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

M00 General

M1 Business Administration
   M10 General
   M11 Production Management
   M12 Personnel Management • Executives; Executive Compensation†
   M13 New Firms • Startups
   M14 Corporate Culture • Diversity • 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

N00 General

N01 Development of the Discipline: Historiographical; Sources and Methods
N1 Macroeconomics and Monetary Economics • Industrial Structure • Growth • 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-
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**N4 Government, War, Law, International Relations, and Regulation**

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

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**N6 Manufacturing and Construction**

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N65 Asia including Middle East
N66 Latin America • Caribbe
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 • Caribbe
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 • Caribbe
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 Financial Markets • Saving and Capital Investment • Corporate Finance and Governance
   O17 Formal and Informal Sectors • Shadow Economy • Institutional Arrangements
   O18 Urban, Rural, Regional, and Transportation Analysis • Housing • Infrastructure
   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 • Intellectual Property Rights
   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 and Intellectual Capital
   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

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
P59 Other

Q. Agricultural and Natural Resource Economics • Environmental and Ecological Economics

Q00 General
Q01 Sustainable Development
Q02 Global Commodity Markets†

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 • Prices†
Q22 Fishery • Aquaculture
Q23 Forestry
Q24 Land
Q25 Water
Q26 Recreational Aspects of Natural Resources
Q27 Issues in International Trade
Q28 Government Policy
Q29 Other

Q3 Nonrenewable Resources and Conservation
Q30 General
Q31 Demand and Supply • Prices†
Q32 Exhaustible Resources and Economic Development
Q33 Resource Booms
Q34 Natural Resources and Domestic and International Conflicts
Q37 Issues in International Trade
Q38 Government Policy
Q39 Other

Q4 Energy
Q40 General
Q41 Demand and Supply • Prices†
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, Regional, Real Estate, and Transportation Economics

R00 General

R1 General Regional Economics
   R10 General
   R11 Regional Economic Activity: Growth, Development, Environmental Issues, 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 Real Estate Markets, Spatial Production Analysis, and Firm Location†
R30 General
R31 Housing Supply and Markets
R32 Other Spatial Production and Pricing Analysis†
R33 Nonagricultural and Nonresidential Real Estate Markets
R38 Government Policy
R39 Other

R4 Transportation Economics†
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 and Policy
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

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
  Z18 Public Policy
  Z19 Other