

AEA

Journals

Annual Meeting

EconLit

Jobs

Resources

Members

Journal of Economic Literature (JEL) Classification System

Click on any subject category to see the full list of classifications for that category.

Alternatively, the **JEL Classification Codes Guide** is now available online. Additionally, you may now download an xml file of **JEL Codes**. **JEL Codes** are 3-digit, but **EconLit** searches require the use the four digit codes consisting of the 3-digit JEL code plus a 0. The **EconLit** subject descriptors are the same as the **Journal of Economic Literature** (**JEL**) classification codes.

[(Updated!) Indicates new or changed descriptor]

- 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**

The Journal of Economic Literature

Report of the Editor

Editors and Contacts

Editorial Policy

AEA Disclosure Policy

Style Guide

Submissions

Institutional Subscription

Copyright & Reprint Permissions

Issues and Articles

September 2013 JEL

Previous Issues

Forthcoming Articles

Search Articles

Full Issue PDF Download

Tools

JEL Classification Codes Guide

JEL Indexes (members only)

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

eTOC Alert for JEL

Follow us on Twitter

SGML Encoded Citations

Virtual Field Journals

Athens Login (for Athens Subscribers only)

Announcements

"Economic Perspectives on Corporate Social Responsibility" by Markus Kitzmueller and Jay Shimshack has received considerable attention since its publication in the March 2012 issue of the Journal of Economic Literature. The AEA is proud to make this article complimentary through our website: [Full-Text Article]

Contact Us

Go to MENU

- 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 (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

Go to MENU

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
 - 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
- 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 Effect 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 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 (Updated!)
- 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 (Updated!)
- 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

Go to <u>MENU</u>

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; Capital, Total Factor, and Multifactor Productivity; Capacity

(Updated!)

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 (Updated!)
- 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 (Updated!)
- 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; Mechanism Design (Updated!)
- 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

Go to MENU

- 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
 - E16 Social Accounting Matrix (Updated!)
 - 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

Go to MENU

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 - Empirical Studies of Trade (Updated!)

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 Other

F6 - Globalization

F60 - General

F61 - Microeconomic Impacts

F62 - Macroeconomic Impacts

F63 - Economic Development

F64 - Environment

F65 - Finance

F66 - Labor

F68 - Policy

F69 - Other

Go to MENU

G - Financial Economics

G0 - General

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

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 (Updated!)
- G22 Insurance; Insurance Companies
- G23 Non-bank Financial Institutions; Financial Instruments; Institutional Investors (Updated!)
- 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 (Updated!)

- G33 Bankruptcy; Liquidation
- G34 Mergers; Acquisitions; Restructuring; Corporate Governance
- G35 Payout Policy
- G38 Government Policy and Regulation
- G39 Other

Go to MENU

- 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; 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

Go to MENU

I - Health, Education, and Welfare

I0 - General

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
- I23 Higher Education and Research Institutions
- I24 Education and Inequality
- I25 Education and Economic Development
- 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

Go to MENU

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, 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, 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; 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
 - 159 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

Go to MENU

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 Business and Securities Law (Updated!)
- 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 (Updated!)
- 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

Go to MENU

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

Go to MENU

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

Go to MENU

N - Economic History

- N0 General
 - 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

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

Go to MENU

O - Economic Development, Technological Change, and Growth

01 - Economic Development

- O10 General
- 011 Macroeconomic Analyses of Economic Development
- 012 Microeconomic Analyses of Economic Development
- O13 Agriculture; Natural Resources; Energy; Environment; Other Primary Products
- 014 Industrialization; Manufacturing and Service Industries; Choice of Technology
- 015 Human Resources; Human Development; Income Distribution; Migration
- 016 Financial Markets; Saving and Capital Investment; Corporate Finance and Governance
- 017 Formal and Informal Sectors; Shadow Economy; Institutional Arrangements
- 018 Urban, Rural, Regional, and Transportation Analysis; Housing; Infrastructure
- O19 International Linkages to Development; Role of International Organizations

O2 - Development Planning and Policy

- 020 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
- 025 Industrial Policy
- 029 Other

O3 - Technological Change; Research and Development; Intellectual Property Rights

- 030 General
- O31 Innovation and Invention: Processes and Incentives
- O32 Management of Technological Innovation and R&D
- 033 Technological Change: Choices and Consequences; Diffusion Processes
- O34 Intellectual Property Rights
- 038 Government Policy
- 039 Other

O4 - Economic Growth and Aggregate Productivity

- O40 General
- O41 One, Two, and Multisector Growth Models
- O42 Monetary Growth Models
- 043 Institutions and Growth
- 044 Environment and Growth
- 047 Measurement of Economic Growth; Aggregate Productivity; Cross-Country Output
- Convergence
- O49 Other

05 - Economywide Country Studies

- O50 General
- O51 U.S.; Canada
- O52 Europe
- O53 Asia including Middle East

O54 - Latin America; Caribbean

O55 - Africa

O56 - Oceania

057 - Comparative Studies of Countries

Go to MENU

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, Business, and Aid (Updated!)
- P34 Financial Economics
- P35 Public Economics
- P36 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

Go to MENU

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

Q0 - General

- Q00 General
- Q01 Sustainable Development
- Q02 Global Commodity Crises

Q1 - Agriculture

- 010 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 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
- Q37 Issues in International Trade
- 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

Go to MENU

R - Urban, Rural, Regional, Real Estate, and Transportation Economics

R0 - General

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, 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 Policy; Regulatory Policy
- 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 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

Go to MENU

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

Go to MENU

- 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
 - Z18 Public Policy
 - Z19 Other

Go to MENU

Copyright © 2012 American Economic Association

Updated 09/2012

| <u>AEA | Journals | Annual Meetings | EconLit | JOE | RFE | Members | </u>

www.aeaweb.org/jel/jel_class_system.php