**General Categories**

|  |  |
| --- | --- |
| **A** | [**General Economics and Teaching**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#A) |
| **B** | [**History of Economic Thought, Methodology, and Heterodox Approaches**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#B) |
| **C** | [**Mathematical and Quantitative Methods**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#C) |
| **D** | [**Microeconomics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#D) |
| **E** | [**Macroeconomics and Monetary Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#E) |
| **F** | [**International Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#F) |
| **G** | [**Financial Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#G) |
| **H** | [**Public Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#H) |
| **I** | [**Health, Education, and Welfare**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#I) |
| **J** | [**Labor and Demographic Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#J) |
| **K** | [**Law and Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#K) |
| **L** | [**Industrial Organization**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#L) |
| **M** | [**Business Administration and Business Economics • Marketing • Accounting • Personnel Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#M) |
| **N** | [**Economic History**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#N) |
| **O** | [**Economic Development, Innovation, Technological Change, and Growth**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#O) |
| **P** | [**Economic Systems**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#P) |
| **Q** | [**Agricultural and Natural Resource Economics • Environmental and Ecological Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#Q) |
| **R** | [**Urban, Rural, Regional, Real Estate, and Transportation Economics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#R) |
| **Y** | [**Miscellaneous Categories**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#Y) |
| **Z** | [**Other Special Topics**](https://www.aeaweb.org/econlit/jelCodes.php?view=jel#Z) |

**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  |
|  | B17 | International Trade and Finance**‡**  |
|  | 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  |
|  | B27 | International Trade and Finance**‡**  |
|  | 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 • Threshold Regression Models  |
|  | C25 | Discrete Regression and Qualitative Choice Models • Discrete Regressors • Proportions • Probabilities  |
|  | 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 • State Space Models  |
|  | 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 | Large Data Sets: Modeling and Analysis  |
|  | C57 | Econometrics of Games and Auctions  |
|  | 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, Operations, and Impact  |
|  | D03 | Behavioral Microeconomics: Underlying Principles  |
|  | D04 | Microeconomic Policy: Formulation, Implementation, and 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, Pricing, and Design  |
|  | 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 • Intergenerational Transfers**†**  |
|  | 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 • Revolutions  |
|  | 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 • Unawareness  |
|  | 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 • Kaleckian  |
|  | E12 | Keynes • Keynesian • Post-Keynesian  |
|  | E13 | Neoclassical  |
|  | E14 | Austrian • Evolutionary • Institutional  |
|  | 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 | Investment • Capital • Intangible Capital • Capacity  |
|  | E23 | Production  |
|  | E24 | Employment • Unemployment • Wages • Intergenerational Income Distribution • Aggregate Human Capital • Aggregate Labor Productivity  |
|  | 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 and Integration  |
|   |
| 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  |
|  | F45 | Macroeconomic Issues of Monetary Unions  |
|  | 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  |
|  | H13 | Economics of Eminent Domain • Expropriation • Nationalization  |
|  | 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 and Avoidance  |
|  | 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 Behavior  |
|  | 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  |
|  | I26 | Returns to Education  |
|  | 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  |
|  | K15 | Civil Law • Common Law**‡**  |
|  | K16 | Election Law**‡**  |
|  | K19 | Other  |
|   |
| K2 | Regulation and Business Law  |
|  | K20 | General  |
|  | K21 | Antitrust Law  |
|  | K22 | Business and Securities Law  |
|  | K23 | Regulated Industries and Administrative Law  |
|  | K24 | Cyber Law**‡**  |
|  | K25 | Real Estate 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  |
|  | K38 | Human Rights Law • Gender 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 • Social Entrepreneurship  |
|  | 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 • Related Parts and 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 Goods; Household Goods; Sports Equipment  |
|  | 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 • Personnel Economics**

|  |
| --- |
|   |
|  | 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  |
|   |
| N3 | Labor and Consumers, Demography, Education, Health, Welfare, Income, Wealth, Religion, and Philanthropy  |
|  | N30 | General, International, or Comparative  |
|  | N31 | U.S. • Canada: Pre-1913  |
|  | N32 | U.S. • Canada: 1913-  |
|  | N33 | Europe: Pre-1913  |
|  | N34 | Europe: 1913-  |
|  | N35 | Asia including Middle East  |
|  | N36 | Latin America • Caribbean  |
|  | N37 | Africa • Oceania  |
|   |
| N4 | Government, War, Law, International Relations, and Regulation  |
|  | N40 | General, International, or Comparative  |
|  | N41 | U.S. • Canada: Pre-1913  |
|  | N42 | U.S. • Canada: 1913–  |
|  | N43 | Europe: Pre-1913  |
|  | N44 | Europe: 1913–  |
|  | N45 | Asia including Middle East  |
|  | N46 | Latin America • Caribbean  |
|  | N47 | Africa • Oceania  |
|   |
| N5 | Agriculture, Natural Resources, Environment, and Extractive Industries  |
|  | N50 | General, International, or Comparative  |
|  | N51 | U.S. • Canada: Pre-1913  |
|  | N52 | U.S. • Canada: 1913–  |
|  | N53 | Europe: Pre-1913  |
|  | N54 | Europe: 1913–  |
|  | N55 | Asia including Middle East  |
|  | N56 | Latin America • Caribbean  |
|  | N57 | Africa • Oceania  |
|   |
| N6 | Manufacturing and Construction  |
|  | N60 | General, International, or Comparative  |
|  | N61 | U.S. • Canada: Pre-1913  |
|  | N62 | U.S. • Canada: 1913–  |
|  | N63 | Europe: Pre-1913  |
|  | N64 | Europe: 1913–  |
|  | N65 | Asia including Middle East  |
|  | N66 | Latin America • Caribbean  |
|  | N67 | Africa • Oceania  |
|   |
| N7 | Transport, Trade, Energy, Technology, and Other Services  |
|  | N70 | General, International, or Comparative  |
|  | N71 | U.S. • Canada: Pre-1913  |
|  | N72 | U.S. • Canada: 1913–  |
|  | N73 | Europe: Pre-1913  |
|  | N74 | Europe: 1913–  |
|  | N75 | Asia including Middle East  |
|  | N76 | Latin America • Caribbean  |
|  | N77 | Africa • Oceania  |
|   |
| N8 | Micro-Business History  |
|  | N80 | General, International, or Comparative  |
|  | N81 | U.S. • Canada: Pre-1913  |
|  | N82 | U.S. • Canada: 1913–  |
|  | N83 | Europe: Pre-1913  |
|  | N84 | Europe: 1913–  |
|  | N85 | Asia including Middle East  |
|  | N86 | Latin America • Caribbean  |
|  | N87 | Africa • Oceania  |
|   |
| N9 | Regional and Urban History  |
|  | N90 | General, International, or Comparative  |
|  | N91 | U.S. • Canada: Pre-1913  |
|  | N92 | U.S. • Canada: 1913–  |
|  | N93 | Europe: Pre-1913  |
|  | N94 | Europe: 1913–  |
|  | N95 | Asia including Middle East  |
|  | N96 | Latin America • Caribbean  |
|  | N97 | Africa • Oceania  |

**O. Economic Development, Innovation, 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 | Innovation • Research and Development • Technological Change • 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  |
|  | O35 | Social Innovation  |
|  | 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 | Empirical Studies 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  |
|  | P18 | Energy • Environment**‡**  |
|  | 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, Relations, and Aid  |
|  | 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  |

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

|  |
| --- |
|   |
|  | Q00 | General  |
|  | Q01 | Sustainable Development  |
|  | Q02 | 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  |
|  | Q35 | Hydrocarbon Resources  |
|  | 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 and Costs • Distributional Effects • Employment Effects  |
|  | Q53 | Air Pollution • Water Pollution • Noise • Hazardous Waste • Solid Waste • Recycling  |
|  | Q54 | Climate • Natural Disasters and Their Management • 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 • Travel Time • 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  |
|  | Y92 | Novels, Self-Help Books, etc.**‡**  |

**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  |
|   |
| Z2 | Sports Economics  |
|  | Z20 | General  |
|  | Z21 | Industry Studies  |
|  | Z22 | Labor Issues  |
|  | Z23 | Finance  |
|  | Z28 | Policy  |
|  | Z29 | Other  |
|   |
| Z3 | Tourism Economics  |
|  | Z30 | General  |
|  | Z31 | Industry Studies  |
|  | Z32 | Tourism and Development  |
|  | Z33 | Marketing and Finance  |
|  | Z38 | Policy  |
|  | Z39 | Other  |