**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 |