



THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE



**REVIEW OF RESEARCH
2010**



THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE

The Economic Research Institute was founded in Dublin in 1960, with the assistance of a grant from the Ford Foundation of New York. In 1966 the remit of the Institute was expanded to include social research, resulting in the Institute being renamed The Economic and Social Research Institute (ESRI). In 2010 the Institute entered into a strategic research alliance with Trinity College Dublin, while retaining its status as an independent research institute.

The ESRI is governed by an independent Council which acts as the Board of the Institute with responsibility for guaranteeing its independence and integrity. The Institute's research strategy is determined by the Council in association with the Director and staff. The research agenda seeks to contribute to three overarching and interconnected goals, namely, economic growth, social progress and environmental sustainability. The Institute's research is disseminated through international and national peer reviewed journals and books, in reports and books published directly by the Institute itself and in the Institute's working paper series. Researchers are responsible for the accuracy of their research. All ESRI books and reports are peer reviewed and these publications and the ESRI's working papers can be downloaded from the ESRI website at www.esri.ie

The Institute's research is funded from a variety of sources including: an annual grant-in-aid from the Irish Government; competitive research grants (both Irish and international); support for agreed programmes from government departments/agencies and commissioned research projects from public sector bodies. Sponsorship of the Institute's activities by Irish business and membership subscriptions provide a minor source of additional income.

Further information is available at www.esri.ie

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President Mary McAleese welcomes representatives of the Institute to Áras an Uachtaráin in recognition of the important contribution of the ESRI to Irish society since its foundation in June 1960. (Seated L to R) - ESRI founder T.K. Whitaker, Mary McAleese, Frances Ruane (Director) and Mary Finan (Chairman), 19 January 2010.

Introduction

The ESRI celebrated its 50th year in 2010. Since 1960 there have been very significant changes in Ireland's economy and society, as we have moved through different economic cycles and adjusted to becoming a successful export-led economy. Some of the major challenges faced by Ireland today bear a strong similarity to those it faced in 1960, but with the added difficulty that today some of our greatest problems are of our own making. On the positive side, we have over those 50 years developed a greater entrepreneurial capacity and today we are well placed to face the global market place.

Over the past 50 years, the extent and breadth of the Institute's contribution to providing evidence for policy and its engagement with the Irish and European policy communities have expanded greatly. Research programme areas are relevant to Ireland's strategic policy goals in relation to economic growth, social progress and environmental sustainability. By expanding its remit to cover social as well as economic objectives in 1968, the Institute established itself at the interdisciplinary frontier between economics and sociology. This has allowed it to explore the economic implications of social policies and the social implications of economic policies.

From the outset, there has been a commitment to research excellence and the Institute has established a world class reputation for policy-relevant research in the social sciences. This reputation was underscored in 2010 by a peer review of the Institute's research, data-analysis and survey activities by a team of international and national experts. The peer review report, which is published on the ESRI website, also pointed to the need for the Institute to develop and consolidate some of its research programmes and to seek additional sources of funding that will allow it continue to produce high-quality independent research.

The ESRI's commitment to developing its role on the Irish research landscape was reflected in the creation of a strategic alliance with Trinity College Dublin (TCD) in relation to research in the social sciences. This alliance, which was formalised with the signing of a Memorandum of Understanding with TCD in July 2010, marks the Institute's new relationship with the higher education sector and its greater potential to engage in research projects and programmes that include disciplines outside the social sciences.

This *Review of Research* report is designed to give stakeholders and the wider public an overview of the research activities of the ESRI during 2010, which was another difficult year for Ireland as recovery from the crisis which hit the economy in 2008 proved slower than had been expected. Accordingly, the Institute updated its medium-term perspective for the economy, publishing *Recovery Scenarios for Ireland – an Update* in June 2010. The *Quarterly Economic Commentaries* continued to monitor and report on developments in the economy throughout the year.

National policy is currently strongly focused on immediate economic and social challenges, and the Institute's research agenda reflects these challenges. Research in microeconomics and in sociology is focused strongly on key areas of public expenditure (health, education, social welfare) and on major policy challenges (tax design, pensions, labour market activation, energy and environmental policy). However, it is important that we ensure that short-term actions do not undermine intermediate and long-term objectives. Major examples of research on longer term issues are the various longitudinal projects in which the Institute is currently involved: the *Growing Up in Ireland* project on children being led by the ESRI, the *TILDA* project on ageing being led by TCD, and the second-level education study being undertaken within the ESRI.

Introduction

Over the course of 2010, ESRI researchers published 59 journal articles and 11 book chapters, 38 reports and three economic commentaries. In addition, 30 working papers were released along with 14 research bulletins, which are published in the *Quarterly Economic Commentary*.

Researchers at the Institute routinely participate in expert groups invited to address national policies and key problem issues and are invited to become members of important national boards and committees. During 2010, such engagements included membership of the *Mortgage Arrears and Personal Debt Group*, the *Central Bank Commission*, the *HSE Committee on Public/Private Mix in Consultant Contracts*, and the *Higher Education Authority*. International bodies where ESRI researchers were involved included the *US Expert Group on Climate Change Economics*, the *Northern Ireland Economic Advisory Group*, *OECD's SOPEMI Network on Migration* and the *UK's OFWAT Future Regulation Advisory Panel*. Also during 2010, the Institute made an exceptional contribution to policy development in Ireland's health and social care policy, with the preparation of two substantive volumes of research evidence from nine different jurisdictions covering resource allocation, financing and sustainability.

To mark its 50th anniversary, the Institute held a series of conferences at which many of its major research projects were showcased. These conferences included: Environmental Policy and Protection; Poverty and Deprivation; Equality and Discrimination; Budget Perspectives; Resource Allocation; Financing and Sustainability in Health Care, Economic Policy Lessons from Ireland's Experience of Globalisation; Social Inclusion Policy; and Higher Education Policy. To mark the anniversary, there were two Geary Lectures, given by distinguished ESRI alumni: Professor Richard Breen, now at the Department of Sociology at Yale University, presented a lecture entitled *Social*

Mobility and Equality of Opportunity, and Professor Canice Prendergast, now at the University of Chicago Booth School of Business, presented a lecture entitled *Is Pay-For-Performance Effective?*

The direction and focus of ESRI research in any year reflects both the current economic and social issues that face Ireland and the resources that are made available to the Institute to support its research agenda. Notwithstanding the wider recognition of the need for evidence to inform policy and ensure effective decision making, accessing these resources remains very challenging. The Institute is broadening its funding base and, where possible, is seeking funds to support independent research from outside the public sector and from outside Ireland.

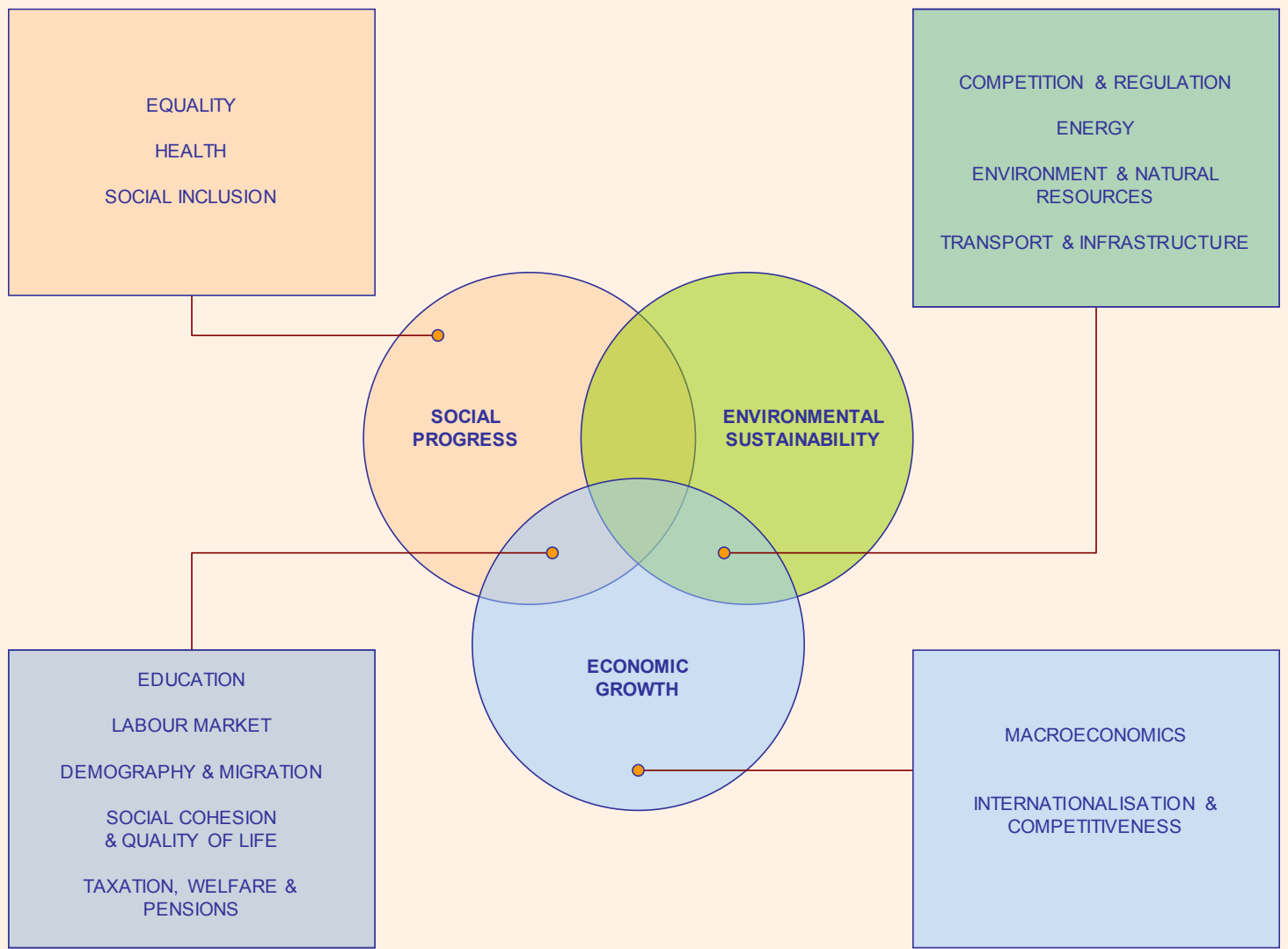
Frances Ruane

Director

April 2010



John Hegarty (Provost, Trinity College Dublin) and Frances Ruane (Director) at the signing of the new TCD-ESRI strategic partnership, 14 July 2010.



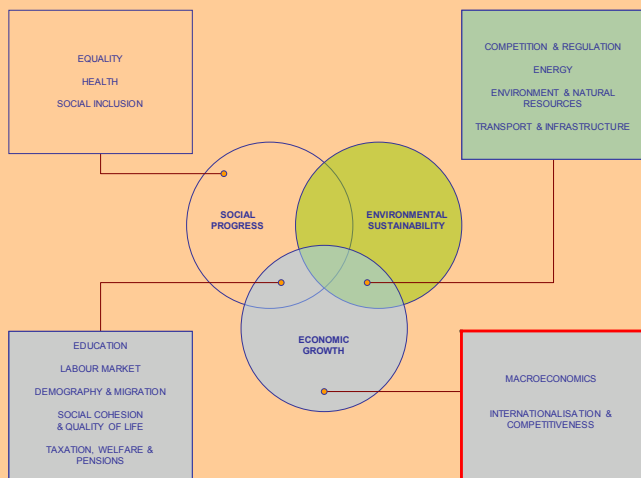
RESEARCH AREAS

The ESRI's research programmes are grouped under four general headings:

- research which is focused on informing policies related to Economic Growth
- research which seeks to inform policies relating to Social Progress
- research at the interface between Economic Growth and Social Progress
- research at the interface between Economic Growth and Environmental Sustainability

The following paragraphs summarise research activities and findings in these areas during 2010.

Economic Growth



There are two programmes of research in this area:

- **Macroeconomics**
(coordinated by Professor John FitzGerald)
- **Internationalisation and Competitiveness**
(previously *International Economics and Technology, Innovation and Productivity*)
(coordinated by Dr Iulia Siedschlag)

MACROECONOMICS

Over the course of 2010 research was carried out on:

(a) The macroeconomic effects of the crisis on the Irish economy. This research considered how the economy has been affected by the crisis and the possible paths to recovery. The results of this research were published in the *Quarterly Economic Commentaries* published over the course of the year. Using the *HERMES* model of the Irish economy, this research programme considered how different aspects of the economy were likely to behave in the medium term. The implications of this research for the Irish economy in the medium term were published in a study entitled *Recovery Scenarios for Ireland: an Update*.

(b) Studies on the broader EU Economy and their Implications for Ireland. Research included a study on the effects on the EU economy of the increased migration resulting from EU enlargement, and a study of how the Spanish and Irish economies, and in particular the housing markets, were affected by EMU membership. This latter study drew conclusions on the appropriate use of fiscal policy. In December the ESRI, along with its colleagues in EUROFRAME, published a forecast for the Euro zone economy. Work continued on perceived inflation during the EURO changeover in 2002. In addition the preliminary results of work on the EU banking sector and recovery in the EU economy was released.

A major feature of the work of the ESRI on macroeconomics continues to be the development of key research infrastructure in the form of economic models. The *HERMES* macroeconomic model was built in the late 1980s and has undergone continuing development and improvement over the subsequent twenty years. It is a tool for understanding how the Irish economy behaves – what drives it and how it is likely to respond to changing circumstances at home and abroad. It is used for macroeconomic analysis and for exploring how macroeconomic developments may affect other aspects of the economy such as energy demand, environmental impact, skills needs and housing demand. A brief guide is at http://www.esri.ie/pubs/MTR09_APP1.pdf



Frances Ruane (Director) with ESRI founder T.K. Whitaker at a celebration to mark the ESRI's 50th Anniversary, June 2010.

MACROECONOMICS (continued)

The monthly Economic Sentiment Survey continued in 2010. This survey provided data for regular indicators such as the Consumer Sentiment Index and the Savings Index.

Programme Coordinator: John FitzGerald

Others working in this area include: Alan Barrett, Adele Bergin, Thomas Conefrey, David Duffy, Jean Goggin, Stefanie Haller, Ide Kearney, Edgar Morgenroth, Cormac O’Sullivan, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Co-operation with Department of Finance on Medium-Term Model	Grant-in-Aid	In progress	J. FitzGerald A. Bergin T. Conefrey I. Kearney
Medium-Term Economic Review and Outlook for Ireland	Grant-in-Aid	In progress	J. FitzGerald A. Bergin I. Kearney A. Barrett D. Duffy T. Conefrey
Current Trends in the Irish Economy: <i>Quarterly Economic Commentary</i>	Grant-in-Aid	In progress	A. Barrett I. Kearney J. Goggin T. Conefrey C. O’Sullivan
Economic Assessment of the Euro Area	Grant-in-Aid	In progress	J. FitzGerald A. Bergin EUROFRAME Group
Consumer Sentiment Index	KBC Bank	In progress	D. Duffy D. Watson
Savings Index for Ireland	Nationwide UK	In progress	D. Duffy D. Watson
House Price Index	permanent TSB	In progress	D. Duffy
Provision of Economic Analysis and Forecasting Services	IDEAS Programme Vietnam, Irish Aid	In progress	I. Kearney A. Bergin T. Conefrey

MACROECONOMICS (continued)

Journal Articles

“Comment by John FitzGerald on P. Lane, A New Fiscal Framework for Ireland”, *Journal of the Statistical and Social Inquiry Society*, Vol. XXXIX, 2010, pp. 157-161, **John FitzGerald**.

“EU Enlargement and Migration: Assessing the Macroeconomic Impacts”, *Journal of Common Market Studies*, Vol. 48, No. 2, March 2010, pp. 373-395, Ray Barrell, **John FitzGerald**, Rebecca Riley.

“Managing Housing Bubbles in Regional Economies Under EMU: Ireland and Spain”, *National Institute Economic Review*, Vol. 211, No. 1, 2010, pp. 211-299, **Thomas Conefrey, John FitzGerald**.

“Negative Equity in the Irish Housing Market”, *The Economic and Social Review*, Vol. 41, No. 1, Spring 2010, pp. 109-132, **David Duffy**.

“Recovery Scenarios for Ireland: An Update”, *Quarterly Economic Commentary*, Summer 2010, pp. 55-101, **Adele Bergin, Thomas Conefrey, John FitzGerald, Ide Kearney**.

“The Regional Dimension of Taxes and Public Expenditure in Ireland”, *Regional Studies*, Vol. 44, Issue 6, July 2010, pp. 777-789, **Edgar Morgenroth**.

Reports and Other Publications

Quarterly Economic Commentary, Spring 2010, ESRI Forecasting Series, **Alan Barrett, Ide Kearney, Jean Goggin, Thomas Conefrey**.

Quarterly Economic Commentary, Summer 2010, ESRI Forecasting Series, **Alan Barrett, Ide Kearney, Jean Goggin, Thomas Conefrey**.

Quarterly Economic Commentary, Autumn 2010, ESRI Forecasting Series, **Alan Barrett, Ide Kearney, Thomas Conefrey, Cormac O’Sullivan**.

ESRI Research Bulletins

“Managing Housing Bubbles in Regional Economies Under EMU: Ireland and Spain”, ESRI Research Bulletin No. 2010/2/1, ESRI, Dublin, **Thomas Conefrey, John FitzGerald**.

ESRI Working Papers

WP354: “Research and Policy Making”, **Frances Ruane**.

WP338: “The Euro Through the Looking-Glass: Perceived Inflation Following the 2002 Currency Changeover”, **Pete Lunn, David Duffy**.

Other Papers

“Ireland’s Inward FDI over the Recession and Beyond”, IIS Discussion Paper No. 321, Institute for International Integration Studies, Dublin, Frank Barry, **Adele Bergin**.

“The Banking Sector and Recovery in the EU Economy”, NIESR Discussion Paper No. 374, National Institute of Economic and Social Research, London, Ray Barrell, Tatiana Fic, **John FitzGerald**, Ali Orazgani, Rachel Whitworth.

Presentations/Papers Read to Conferences and Learned Societies

“Cities and Economic Competitiveness”, Royal Institute of Architects of Ireland Annual Conference, Westport, October, **Edgar Morgenroth**.

“Comments on A New Fiscal Framework for Ireland by Philip Lane”, Statistical and Social Inquiry Society of Ireland, February, **John FitzGerald**.

“Convergence for Slow Learners, Ireland 1950-2010”, Irish Economic and Social History Society Conference, Cork, September, **John FitzGerald**.

“Fiscal Policy for Recovery: The Case of Ireland”, presented at the Association d’Instituts Européens de Conjoncture Economique (AIECE) Meeting, Milan, May, and at the EUROFRAME Conference, Amsterdam, June, **Adele Bergin, Thomas Conefrey, John FitzGerald, Ide Kearney**.

“Paths to Recovery”, presented at the Kieler Konjunkturgespraech, Berlin, September and at the MacGill Summer School, July, **John FitzGerald**.

MACROECONOMICS (continued)

“Recovery Scenarios”, presented at the (AIECE) Meeting, Brussels, October; and at The Institute of International and European Affairs, Brussels, November, **John FitzGerald**.

“Research and Policy Making”, Royal Irish Academy, September, **Frances Ruane**.

“Strategies for Recovery: Ireland and Finland”, Finland-Ireland Innovation Conference, Dublin, October, **Frances Ruane**.

“The Behaviour of the Irish Economy: Insights from the *HERMES* Macroeconomic Model”, Irish Economic Association Annual Conference, Belfast, April, **Adele Bergin, Thomas Conefrey, John FitzGerald, Ide Kearney**.

“The Euro through the Looking Glass: Perceived Inflation following the 2002 Euro Currency Changeover”, presented at ‘Economic Psychology: New Methods and Findings’ Conference, Economic Psychology and Decision Research Group, Bolton, England, March, and at the Irish Economic Association Annual Conference, Belfast, April, and at the European Economic Association, Glasgow, UK, August, **Pete Lunn, David Duffy**.

“The Irish National Planning Process and Implications for Vietnam”, Joint Seminar by the NCEIF, Vietnam, and Irish Aid, Hanoi, September, **John FitzGerald, Adele Bergin**.

“What is Smart about the Irish Economy”, Royal Irish Academy, Dublin, November, **John FitzGerald**.

ESRI Seminars

“Stability of Economic Voting in Ireland”, Michael Marsh, Trinity College Dublin.

“Inward FDI in Ireland over the Recession and Beyond”, Frank Barry, Trinity College Dublin and **Adele Bergin**, ESRI and NUI-Maynooth.

“Behavioural Characteristics and Financial Distress”, Yvonne McCarthy, Central Bank and Financial Services Authority of Ireland.



David Miles (Bank of England) and Tim Callan at the ESRI/FFS Budget Perspectives 2010 Conference, 12 October 2010.

INTERNATIONALISATION AND COMPETITIVENESS

This research programme integrates two research areas, International Economics and Technology, Innovation & Productivity. This programme explores the links between international integration and technological change and their effects on productivity, competitiveness and economic growth. In 2010 research focused on five themes:

(i) *Economic Growth in Open Economies*. This research, funded under the **EU RTD 6th Framework Programme**, examined the effect of human capital on the growth of industries intensive in information and communications technologies (ICT) using data from a sample of open economies over the period 1980-1999. The econometric analysis suggests that value added and employment in information ICT-intensive industries grew relatively faster in countries with a higher ex-ante human capital stock and in countries with a fast improvement in human capital. Further, in countries with fast human capital accumulation, labour productivity in ICT-intensive industries grew faster.

(ii) *Internationalisation of Services, Production and Growth*. This research, funded under the **EU RTD 7th Framework Programme**, shows that larger firms, domestic exporters and firms closer to the global technology frontier were more likely to engage in R&D and innovation and were more likely to be successful in terms of innovation output. Further, the adoption of ICT was positively associated with innovation output. Co-operation with suppliers was positively associated with all innovation types, while knowledge flows from customers and from the government were positively linked to product innovation. In addition, co-operation with universities, as measured by patents, was positively linked to innovation.

(iii) *Foreign Direct Investment and Productivity Spillovers in the Irish Services Sector*. This research, funded under a grant from the **Irish Research Council for the Humanities and Social Sciences (IRCHSS)**, examines the presence of knowledge spillovers or competition effects from foreign-owned firms that affect the productivity

of domestic firms. The results suggest that, at the level of the individual sector, foreign direct investment increases the productivity of domestic firms in some cases whereas in others it creates a more uncertain business environment.

(iv) *The Economic Impact of Information and Communication Technologies*. Research on this theme, funded by the **European Commission's Institute for Prospective Technological Studies**, brought together the key findings and policy messages from the research on the knowledge economy, economic transformations and ICT in the European Union (EU). Key policy lessons identified included: the importance of a systemic and co-ordinated policy approach to develop the necessary structures and networks required by the interplay between ICT use, globalisation, regional innovation systems and regional economic performance; the importance of a long-term policy commitment combined with a certain degree of flexibility given the necessary learning, the non-linear dynamics of the regional development process and rigidities which may delay necessary adjustment; the role of public policy in enabling structural change and sectoral diversification; the importance of fostering knowledge-spillovers and linkages between foreign and domestic firms; the importance of fostering intra- and inter-industry network effects and knowledge spillovers; the role of public procurement and e-government; the role of EU Structural Funds. This research suggests that an EU-wide "one-size-fits all" approach may not be best due to non-linear regional dynamics.

(v) *International Linkages, Innovation and Productivity*. This research, supported by funding from the **IRCHSS**, shows that globalised firms (foreign-owned or domestic exporters) are most likely to invest in innovation, and to have successful innovations (product, process, and organisational innovations).

INTERNATIONALISATION AND COMPETITIVENESS (continued)

Programme Coordinator: Iulia Siedschlag

Other members of staff who work in this research programme include: John FitzGerald, Jean Goggin, Stefanie Haller, Edgar Morgenroth, Gavin Murphy, Frances Ruane, Donal Smith, Richard S. J. Tol, Xiaoheng Zhang.

Project Title	Client/Funding Agency	Status	Researchers
Innovation in Services and its Impact on Enterprise Productivity	Grant-in-Aid	In progress	I. Siedschlag F. Ruane N. Killeen D. Smith
The Effects of the Internationalisation of Firms on Innovation and Productivity in Ireland	IRCHSS	Completed	I. Siedschlag X. Zhang
Turning Globalisation to National Advantage: Economic Policy Lessons from Ireland's Experience	IRCHSS	In progress	J. FitzGerald I. Siedschlag S. Haller J. Goggin M. Schiffbauer G. Murphy K. Mayor T. Conefrey
Platon+ – Strengthening the Role that Socio-Economic Sciences and Humanities have on the Development of the European Research Area	European Commission, DG Research & Innovation, FP7	Completed	I. Siedschlag D. Smith X. Zhang
The Impact of Service Sector Innovation and Internationalisation on Growth and Productivity (SERVICEGAP)	European Commission, DG Research & Innovation, FP7	In progress	I. Siedschlag J. FitzGerald S. Haller D. Smith X. Zhang
The Knowledge Economy, Economic Transformations and ICT in the EU25+: Regional Dynamics in the Deployment Phase	European Commission, Joint Research Centre		I. Siedschlag D. Smith G. Murphy

INTERNATIONALISATION AND COMPETITIVENESS (continued)

Journal Articles

“More Intra-Region Direct Investment through Economic Integration? Modelling the Experience of the EU’s Single Market”, *Journal of Economic Integration*, Vol. 25, No. 3, September 2010, pp. 427-456, **Stefanie Haller**.

“Patterns and Determinants of Business Cycle Synchronization in the Enlarged European Economic and Monetary Union”, *Eastern Journal of European Studies*, Vol. 1, Issue 1, June 2010, pp. 21-44, **Iulia Siedschlag**.

“Picking ‘Lemons’ or Picking ‘Cherries’? Domestic and Foreign Acquisitions in Norwegian Manufacturing”, *The Scandinavian Journal of Economics*, Vol. 112, Issue 2, June 2010, pp. 361-387, Ragnhild Balsvik, **Stefanie Haller**.

“The Impact of South-South Preferential Trade Agreements on Industrial Development: An Empirical Test”, *Journal of Economic Integration*, Vol. 25, No. 1, March 2010, pp. 69-104, Pablo Sanguinetti, **Iulia Siedschlag**, Christian Volpe Martincus.

Reports and Other Publications

Economic Assessment of the Euro Area: Autumn 2010, ESRI Survey and Statistical Report Series 33, EUROFRAME – European Forecasting Network, Europe, **John FitzGerald**, **Thomas Conefrey**, **Adele Bergin**, CASE (Poland), CPB (Netherlands), DIW Berlin (Germany), ETLA (Finland), The Kiel Institute for the World Economy (Germany), NIESR (United Kingdom), OFCE (France), PROMETEIA (Italy), WIFO (Austria).

ICT and Regional Economic Dynamics: A Literature Review, Publications Office of the European Union, Luxembourg, Karlsson Charlie, Maier Gunther, Trippl Michaela, **Iulia Siedschlag**, Owen Robert, **Gavin Murphy**.

Chapters in Books and Reports

“Managing Capital Flows: Experiences from Central and Eastern Europe”, M. Kawai and M. B. Lamberte (eds.), *Managing Capital Flows in Asia: Search for a Framework*, pp.192-213, Jürgen Von Hagen, **Iulia Siedschlag**.

ESRI Research Bulletins

“International Transmission of Business Cycles”, ESRI Research Bulletin No. 2010/3/2, ESRI, Dublin, **Iulia Siedschlag**.

ESRI Working Papers

WP364: “The Research Output of Business Schools and Business Scholars in Ireland”, **Richard S. J. Tol**.

WP363: “The Effects of the Internationalisation of Firms on Innovation and Productivity”, **Iulia Siedschlag**, **Xiaoheng Zhang**, Brian Cahill.

Presentations/Papers Read to Conferences and Learned Societies

“Do Foreign Mergers and Acquisitions Boost Firm Productivity?”, presented at the Royal Economic Society 2010 Annual Conference, University of Surrey, Guildford, United Kingdom, March, and at the International Workshop ‘The Impact of Service Innovation and Internationalisation on Productivity and Growth’, University of Birmingham, June, **Iulia Siedschlag**.

“Exporting, Importing, Intra-Firm Trade and Firm Performance”, presented at the University of Stirling, Stirling, UK, February; at DIME-ISGEP International Workshop ‘Firm Selection and Country Competitiveness’, Nice, France, March, at the SERVICEGAP Meeting, Birmingham, June, and at CAED-COST Conference, London, September, **Stefanie Haller**.

“Globalisation and the International Transmission of Business Cycles: Empirical Evidence from Ireland”, 6th Colloquium on Modern Tools for Business Cycle Analysis: ‘The Lessons from Global Economic Crisis’, EUROSTAT, Luxembourg, September, **Iulia Siedschlag**.

INTERNATIONALISATION AND COMPETITIVENESS (continued)

“Internationalisation of Firms, Innovation and Productivity “, presented at the European Trade Study Group Annual Conference 2010, Lausanne, September; at the International Workshop ‘Innovation and Valorization: Bridges between Universities and Business’, Leuven Centre for Irish Studies, Katholieke Universiteit, Leuven, October, and at the ESRI-TCD Research Conference ‘Turning Globalisation to National Advantage: Economic Policy Lessons from Ireland’s Experience’, Dublin, October, **Iulia Siedschlag**.

“Tests on Firm Size-Growth Rate Relationship using Micro Data of European Pharmaceutical Industry”, Irish Economic Association Annual Conference, Belfast, April, **Xiaoheng Zhang**.

“The Economic Profile of the South-East”, Waterford Institute of Technology Innovation Conference, WIT, September, **Edgar Morgenroth**.

“What Determines the Attractiveness of Regions to the Location of Multinationals in the ICT Sector?”, presented at the 8th ZEW Conference on the Economics of Information and Communication Technologies, Mannheim, July, and at the 39th Annual Conference of the Regional Science Association British and Irish Section, Glasgow, August, **Xiaoheng Zhang**.

“Which Domestic Firms Benefit from Foreign Presence in Irish Services Sectors?”, presented at the Second Conference of GIST ‘Trade and Investment in Services: Theory and Evidence’, Ljubljana, June; at the ‘Productivity and Internationalisation, A Micro-data Approach’ Conference, The Hague, September, and at the IAW-Microdyn Workshop ‘Global and Local Firm Linkages’, Tuebingen, November, **Stefanie Haller**.

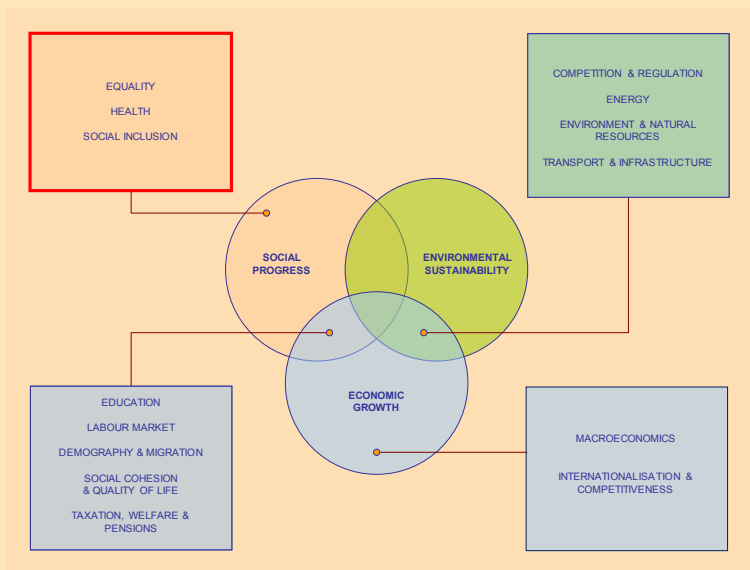


Frank Barry (Trinity College Dublin), Thomas Conefrey, Iulia Siedschlag and Patrick Honohan (Governor, Central Bank of Ireland) at the ESRI - TCD Conference “Turning Globalisation to National Advantage: Economic Policy Lessons from Ireland’s Experience”, 28 October 2010.



Frances Ruane (Director) with the late Garret FitzGerald at the Conference “Turning Globalisation to National Advantage: Economic Policy Lessons from Ireland’s Experience”, 28 October 2010.

Social Progress



There are three programmes of research in the area of Social Progress:

- **Equality**
(coordinated by Dr Helen Russell and Dr Frances McGinnity)
- **Social Inclusion**
(coordinated by Dr Helen Russell)
- **Health**
(coordinated by Professor Richard Layte and Professor Miriam M. Wiley)

EQUALITY

ESRI research on Equality investigates inequalities in opportunities and in outcomes, exploring the processes that lead to inequality. The research focuses particularly on assessing the role of public policies in underpinning or reducing inequalities.

In 2010 the ESRI was commissioned by **The Integration Centre** to develop a monitor to measure the integration of immigrants in Ireland, and publish an annual monitoring report on integration. These indicators will allow researchers to assess economic, political and social equality of immigrants in Ireland. The first annual report contains an overview of the main trends in migration and chapters covering integration policy and national indicators for employment, education, social inclusion and active citizenship. The report will be published in early 2011.

The integration of immigrants was also examined in a cross-national European project with colleagues from TCD. The project, entitled *Causes and Consequences of Early Socio-cultural Integration Processes Among New Immigrants in Europe (SCIP)* was funded under the **NORFACE** programme. The project studies integration trajectories of

new immigrants in Germany, the Netherlands, Ireland and Great Britain. Its substantive focus is on migrants' socio-cultural integration. Work on sample selection and questionnaire development was undertaken in 2010, fieldwork for Ireland, organised by the TCD research team, began in October 2010.

During 2010 work was completed on the research *Programme on Equality and Discrimination*, funded by the **Equality Authority**. The results from the research were showcased at an EU-funded conference *Making Equality Count: Irish and International Approaches to Measuring Equality and Discrimination* which was held in Dublin in June 2010. Papers were presented by current ESRI and former ESRI researchers, and by invited international speakers (Mary Gregory, Oxford University; Judy Rich, University of Southampton; William Darity, Duke University, USA). The papers presented at the conference were published in book form in November 2010. The edited volume provides an overview of the methodologies used to examine inequality and discrimination and presents the research results on the nature and causes of inequality in Ireland and elsewhere. A final

EQUALITY (continued)

research report on *Multiple Inequalities* is awaiting publication in 2011. The study examines the effects of belonging to more than one disadvantaged group across a range of outcomes. The study is based on the analysis of *Census 2006* microdata.

Work continued on a study of women's experiences in the workplace during and after pregnancy which was commissioned by the **Crisis Pregnancy Agency** and the **Equality Authority**. Final edits were completed on a review of

literature and on an analysis of the legal cases relating to Pregnancy Discrimination based on the caseloads of the Equality Tribunal, and the Labour Court over a nine year period. A research report based on the analysis of a national postal survey of women with young children; exploring experiences in employment during pregnancy (unfair treatment, health and safety, crisis pregnancy); experiences of maternity leave; decisions to return to work and working conditions on their return is due to be published in 2011.

Programme Coordinators: Helen Russell and Frances McGinnity

Other members of staff whose work has an equality dimension include: Joanne Banks, Tim Callan, Merike Darmody, Corona Joyce, Claire Keane, Elish Kelly, Richard Layte, Pete Lunn, Bertrand Maître, Selina McCoy, Seamus McGuinness, Anne Nolan, Philip J. O'Connell, Emma Quinn, Emer Smyth, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Research Programme on Equality and Discrimination Multiple Inequalities: An Analysis of <i>Census 2006</i> Data	The Equality Authority	In progress	H. Russell P. Lunn D. Watson
Women's Experiences of Pregnancy at Work with a View to Assessing Levels of Pregnancy Related Discrimination in Ireland – Stage 2	Crisis Pregnancy Agency and the Equality Authority	In progress	H. Russell D. Watson J. Banks
Annual Integration Monitor	The Integration Centre	In progress	F. McGinnity E. Quinn P. J. O'Connell
Causes and Consequences of Early Socio-Cultural Integration Processes Among New Immigrants in Europe	NORFACE	In progress	F. McGinnity E. Quinn

EQUALITY (continued)

Journal Articles

“Gender Differences in Pay Among Recent Graduates: Private Sector Employees in Ireland”, *Journal of Youth Studies*, Vol. 13, Issue 2, April 2010, pp. 213-233, **Helen Russell, Emer Smyth, Philip J. O’Connell.**

Reports and Other Publications

Making Equality Count: Irish and International Research Measuring Equality and Discrimination, The Liffey Press, Dublin, Laurence Bond, **Frances McGinnity, Helen Russell.**

Chapters in Books and Reports

“Are Eamon and Eithne More Employable than Hardeep and Heike? Evidence from a Field Experiment in Ireland”, L. Bond, **F. McGinnity and H. Russell** (eds.), *Making Equality Count: Irish and International Research Measuring Equality and Discrimination*, pp. 64-83, **Frances McGinnity, Jacqueline Nelson, Pete Lunn, Emma Quinn.**

“Inequality and Discrimination in the Irish Labour Market”, *Equality in a Time of Change, Conference Papers 2007-2009: Mainstreaming Equality in Further Education, Training and Labour Market Programmes*, pp. 14-25, **Helen Russell.**

“Introduction: Making Equality Count”, L. Bond, **F. McGinnity and H. Russell** (eds.), *Making Equality Count: Irish and International Research Measuring Equality and Discrimination*, pp. 1-19, Laurence Bond, **Frances McGinnity, Helen Russell.**

“Multiple Disadvantage: Evidence on Gender and Disability from the 2006 Census”, L. Bond, **F. McGinnity and H. Russell** (eds.), *Making Equality Count: Irish and International Research Measuring Equality and Discrimination*, pp. 175-200, **Dorothy Watson, Pete Lunn.**

“The Experience of Discrimination in Ireland: Evidence from Self-Report Data”, L. Bond, F.

McGinnity and H. Russell (eds.), *Making Equality Count: Irish and International Research Measuring Equality and Discrimination*, pp. 20-47, **Helen Russell, Frances McGinnity, Emma Quinn, Rebecca King O’Riain.**

Presentations/Papers Read to Conferences and Learned Societies

“A Woman’s Place: Rising Female Employment and its Impact on Gender Segregation in the Irish Labour Market”, University of Limerick, International Women’s Day Conference, March, **Helen Russell.**

“Are Eamon and Eithne More Employable than Hardeep or Heike?” ‘Making Equality Count’ Conference, Dublin, June, **Frances McGinnity.**

“Discrimination in Ireland: Evidence from Self-report Data”, ‘Making Equality Count’ Conference, Dublin, **Dorothy Watson.**

“Gender Segregation in the Irish Labour Market: the Impact of Rapidly Rising Female Employment”, EQUALSOC Conference, Amsterdam, June, **Claire Keane, Helen Russell, Emer Smyth.**

“Multiple Inequalities: Evidence from the 2006 Census”, ‘Making Equality Count’ Conference, Dublin, **Dorothy Watson.**



Judith Rich (University of Portsmouth), Dorothy Watson, Brian Nolan (UCD), Mary Gregory (University of Oxford), and Frances McGinnity at the Conference “Making Equality Count: Irish and International Approaches to Measuring Equality and Discrimination”, 23 June 2010.

SOCIAL INCLUSION

During 2010, researchers at the ESRI were involved in three major studies for the **Social Inclusion Division** at the **Department of Community, Equality and Gaeltacht Affairs**:

(a) A report tracking the level and distribution of poverty in Ireland over the period of labour market expansion and increased welfare spending was published in September 2010. As well as describing trends for all households, the study focused on the experience of three life cycle groups: children, those of working age and older people. It assessed the influence of a range of key factors such as household composition, labour market position, social background and individual characteristics.

(b) A study of financial exclusion and over-indebtedness in Irish households. The study was based on a special module of The European Union Statistics on Income and Living Conditions (EU SILC) carried out in 2008 and examined (i) the extent to which households have access to mainstream financial services such as a bank current account, credit and insurance, and (ii) the nature and causes of over-indebtedness in Ireland at the end of the economic boom and onset of recession. This study will be published in early 2011.

(c) *A Social Portrait of People with Disabilities*. The study incorporated results from the National Disability Survey and the QNHS to provide a comprehensive statistical picture of the social and economic position of people with disabilities. The study was completed in 2010 and will be published in 2011.

Research on *The Impact of the "New Economy" on the Labour Market, Inequality, Poverty and Well-Being in Ireland*, funded by the **Irish Research Council for the Humanities and Social Sciences (IRCHSS)**, was carried out in collaboration with UCD researchers.

Work was also completed on a series of EU level projects as part of the EQUALSOC networks.

Other comparative European research during 2010 included involvement in the European *GINI* project on increasing inequalities in income, wealth and education (with partners in UCD and across Europe), and a European project on minimum income, *The Evolution of Minimum Income Protection in the EU* (MIPI), involved the preparation of quantitative and qualitative information about Ireland for a European database aimed at the research community.

Two conferences were run jointly with the Social Inclusion Division as part of the European Year for Combating Poverty and Social Exclusion and the ESRI@50 celebrations. The first conference, *Poverty in a European Perspective: Indicators, Findings and Policy Implications*, was held at the ESRI in June. Minister Pat Carey launched the report *Poverty and Deprivation in Ireland in a European Perspective* which had been completed in 2009. A paper was presented on *Living Conditions, Social Exclusion and Mental Well-Being in Europe* based on the research study carried out for the European Foundation, and presentations were also made by Marco Mira d'Ercole of the OECD, and Olli Kangas, Research Department at the Social Security Institution of Finland.

A second conference, *The Use of Indicators and Targets in Social Inclusion Policy: National and European Perspectives*, held at the ESRI in November, was organised jointly by the ESRI, the Social Inclusion Division, and UCD Social Science Research Centre. Presentations were made by Olivier Bontout, Vice-Chair of the EU Indicators Subgroup of the Social Protection Committee, Jim Walsh, Social Inclusion Division, Brian Nolan, UCD, and Tim Callan, ESRI.

ESRI researchers also presented papers on the issues of poverty and social exclusion at a range of international conferences and seminars, for example at the final EQUALSOC conference that took place in Amsterdam on June 2010, and The Intergenerational Transmission of Inequality EQUALSOC workshop in Berlin, March 2010.

Social Progress

SOCIAL INCLUSION (continued)

Programme Coordinator: Helen Russell

Members of staff working in this area include: Norah Donnelly, Richard Layte, Pete Lunn, Bertrand Maître, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Annual Report on Measurement of Poverty: Financial Exclusion and Over-Indebtedness	Social inclusion Division, Department of Community, Equality and Gaeltacht Affairs	In progress	H. Russell B. Maître N. Donnelly
Annual Report on Measurement of Poverty: Poverty Trends 2004-2007	Social inclusion Division, Department of Community, Equality and Gaeltacht Affairs	Completed	H. Russell B. Maître B. Nolan (UCD)
Social Portraits of People with Disabilities	Social inclusion Division, Department of Community, Equality and Gaeltacht Affairs	In progress	B. Maître D. Watson
The Impact of the 'New Economy' on the Labour Market, Inequality, Poverty and Well-Being in Ireland	IRCHSS	In progress	C. T. Whelan (UCD) B. Maître B. Nolan (UCD) S. Voitchovsky (UCD)
Dynamic and Multidimensional Perspectives on Income Poverty and Deprivation	European Commission, DG Research and Innovation, FP6 - funded under the EqualSoc Network	Completed	C. T. Whelan (UCD) B. Maître
Income Distribution (INCDIS)	European Commission, DG Research and Innovation, FP6 - funded under the EqualSoc Network	Completed	C. T. Whelan (UCD) B. Nolan (UCD) R. Layte B. Maître
Intergenerational Transmission of Self-Efficacy	European Commission, DG Research and Innovation, FP6 - funded under the EqualSoc Network	Completed	D. Watson
Minimum Income Protection Indicators (MIPI)	European Commission, DG Research and Innovation, FP6 - funded under the EqualSoc Network	Completed	B. Maître
The Impact of Choice of Equivalence Scale on Cross-national Comparisons of Poverty Risk	European Commission, DG Research and Innovation, FP6 - funded under the EqualSoc Network	Completed	B. Nolan (UCD) C. T. Whelan (UCD) B. Maître D. Kutsar (U Tartu, Estonia) E. Tiit (U Tartu, Estonia)

SOCIAL INCLUSION (continued)

Journal Articles

“Identifying Economically Vulnerable Groups as the Economic Crisis Emerged”, *The Economic and Social Review*, Vol. 41, No. 4, Winter 2010, pp. 501-525, Christopher T. Whelan, **Bertrand Maître**.

“Mapping Patterns of Multiple Deprivation Using Self-organising Maps: An Application to EU-SILC Data for Ireland”, *Social Science Research*, Vol. 39, No. 3, May 2010, pp. 405-418, Maurizio Pisati, Christopher T. Whelan, Mario Lucchini, **Bertrand Maître**.

“Poverty in Ireland in Comparative Perspective”, *Social Indicators Research*, Vol. 95, No. 1, January 2010, pp. 99-110, Christopher T. Whelan, **Bertrand Maître**.

“Understanding the Socio-Economic Distribution of Multiple Deprivation: An Application of Self-Organising Maps”, *Research in Social Stratification and Mobility*, Vol. 28, Issue 3, 2010, pp. 325-342, Christopher T. Whelan, Mario Lucchini, Maurizio Pisati, **Bertrand Maître**.

“Welfare Regime and Social Class Variation in Poverty and Economic Vulnerability in Europe: An Analysis of EU-SILC”, *Journal of European Social Policy*, Vol. 20, No. 4, pp. 316-332, Christopher T. Whelan, **Bertrand Maître**.

Reports and Other Publications

Monitoring Poverty Trends in Ireland 2004-2007: Key Issues for Children, People of Working Age and Older People, ESRI Research Series No. 17, ESRI, Dublin, **Helen Russell, Bertrand Maître, Brian Nolan**.

Second European Quality of Life Survey: Living Conditions, Social Exclusion and Mental Well-Being, Office for Official Publications of the European Communities, Luxembourg, **Richard Layte, Bertrand Maître, Christopher T. Whelan**.

Presentations/Papers Read to Conferences and Learned Societies

“Analysing Intergenerational Influences on Income Poverty and Economic Vulnerability with EU-Silc”, EQUALSOC, Berlin, March, **Bertrand Maître**.

“Indicators for Poverty Impact Assessment: A Forward Looking Approach”, ‘The Use of Indicators and Targets in Social Inclusion Policy: National and International Perspectives’ Seminar, ESRI, Dublin, November, **Tim Callan**.

“Living Conditions, Social Exclusion and Mental Well-Being”, presented at the ‘Poverty and Deprivation in Ireland in a European Perspective’ Research Seminar, the ESRI, June, **Richard Layte, Bertrand Maître**, and at the ‘Economic Growth for Better Quality of Life in Europe’ Conference, Brussels, European Commission, September, **Richard Layte**.

“Statistics on Income and Living Conditions (EU-SILC)”, ‘Santé et Travail Dans les Enquêtes Européennes’ Conference, Lille University, December, **Bertrand Maître**.

“Understanding the Socio-Economic Distribution and Consequences of Patterns of Multiple Deprivation: An Application of Self-Organising Maps”, EQUALSOC Conference, Amsterdam, June, **Bertrand Maître**.



Frances Ruane (Director) with Pat Carey T.D. (former Minister at the Department of Community, Equality and Gaeltacht Affairs) at the Seminar “Poverty and Deprivation in Ireland in Comparative Perspective”, 1 June 2010.

HEALTH

During the course of 2009-2010, a team of ESRI health economists provided research support to the Expert Group on Resource Allocation and Financing in Health Care, which was chaired by the Director and reported in July 2010. Two evidence volumes on *Resource Allocation, Financing and Sustainability in Health Care* reviewed the theoretical and empirical literature in eight comparator countries, evaluated the current Irish situation and proposed a framework for health-care entitlements and user fees that would support the delivery of integrated health care in Ireland.

The Sustainability of Irish Health Expenditure analysed trends in Irish public health expenditure, both over time and in comparative context, focusing particularly on public expenditure on pharmaceuticals.

A study on the *Cost of Stroke in Ireland*, commissioned by the **Irish Heart Foundation**, and involving the ESRI and the Royal College of Surgeons in Ireland, examined the total direct and indirect costs of treating and caring for stroke patients (new cases and stroke survivors) in Ireland in 2007.

Research on *Potential and Actual Utilisation of Public and Private In-patient Beds in Irish Acute Public Hospitals* examined the impact of public/private mix on in-patient bed utilisation in Irish acute public hospitals. It found that despite policies designed to limit private practice in Irish acute public hospitals, some hospitals have apparently been able to overcome restrictions.

A study on *Equity in Irish Health Care Financing: Measurement Issues* examined how international methods for measuring equity in health care financing underestimate the complexity of the Irish health care financing structures.

Research on the *Fall in Rates of Cardiovascular Mortality* in Ireland found it could be largely attributed to changes in prescribing patterns

following the implementation of the cardiovascular health strategy and the introduction of the medical card for over 70s. Related research on changes in perinatal mortality rates showed a decline over the past two decades in the differences in rates across social classes.

Other research showed that *Alcohol Consumption* contributes significantly to unintended pregnancy and the transmission of sexually transmitted infections (STIs). The study also showed that an individual's expectations about how they behave when drinking alcohol influence their behaviour over and above the effect of alcohol itself.

A study on *Parents' Perspectives on Parenting Styles and Disciplining Children*, commissioned by the **Department of Health and Children**, investigated parenting styles and parental use of disciplinary strategies with children in Ireland, with a particular focus on attitudes to and uses of physical punishment. The study found that most parents used inductive strategies (such as reasoning with the child). About one-quarter of parents interviewed had used physical punishment in the past year, this strategy was strongly influenced by the age of the child and the presence of behavioural difficulties in the child.

The European Foundation for the Improvement of Living and Working Conditions commissioned the Institute to research the relationship between living conditions, social exclusion and mental well-being, using data for 31 European countries.

The ESRI provided survey design consultancy on a number of national projects including the second round of the Irish Contraception and Crisis Pregnancy Survey.

HEALTH (continued)

Programme Coordinators: Richard Layte and Miriam M. Wiley

Other members of staff who work in this area include: Sheelagh Bonham, Aoife Brick, Jacqui Curley, Brian McCarthy, Cathal McCrory, Aisling Mulligan, Deirdre Murphy, Aisling Murray, Anne Nolan, Cliona O'Donovan, Sinead O'Hara, Jacqueline O'Reilly, Eithne Sexton, Samantha Smith, Maeve Thornton, Amanda Quail.

Project Title	Client/Funding Agency	Status	Researchers
Day Surgery In Ireland: The Development, Implementation and Evaluation of an Evidence Based and Consensus Derived Best Practice Model	Health Research Board	In progress	S. Cowman (RCSI) G. Gethin (RCSI) E. Clarke (RCSI) E. Mulligan (RCSI) B. Meshkat (RCSI) M. M. Wiley A. Brick
The Impact of Demographic Change on Demand for and Delivery of Health Services	Health Research Board	In progress	R. Layte M. M. Wiley J. O'Reilly E. Morgenroth C. Normand (TCD) S. Thomas (TCD) K. Bennett (TCD) M. Wren (TCD)
The Longitudinal Analysis Of Child Health and Development In Ireland	Health Research Board	In progress	R. Layte A. Nolan D. O'Reilly (QUB) D. McVicar (QUB) E. Lazarove (QUB)
Irish Contraception and Crisis Pregnancy 2: Sampling And Technical Report	Crisis Pregnancy Agency	Completed	D. Watson

HEALTH (continued)

Journal Articles

“Did the Celtic Tiger Decrease Socio-Economic Differentials in Perinatal Mortality in Ireland?”, *The Economic and Social Review*, Vol. 41, No. 2, June 2010, pp. 173-199, **Richard Layte**, Barbara Clyne.

“Equity in Irish Health Care Financing: Measurement Issues”, *Health Economics, Policy and Law*, Vol. 5, Issue 2, April 2010, pp. 149-169, **Samantha Smith**.

“Suppression Effects of Partner Type on the Alcohol-Risky Sex Relationship”, *Journal of Studies on Alcohol and Drugs*, Vol. 71, Issue 3, May 2010, pp. 357-365, Gráinne Cousins, Hannah McGee, **Richard Layte**.

“The Irish ‘Health Basket’: a Basket Case?”, *The European Journal of Health Economics*, Vol. 11, No. 3, June 2010, pp. 343-350, **Samantha Smith**.

“Who’s That Sleeping In My Bed? Potential and Actual Utilization of Public and Private In-patient Beds in Irish Acute Public Hospitals”, *Journal of Health Services Research & Policy*, Vol. 15, No. 4, October 2010, pp. 210-214, **Jacqueline O’Reilly**, **Miriam M. Wiley**.

Reports and Other Publications

Activity in Acute Public Hospitals in Ireland, 2009 Annual Report, ESRI Survey and Statistical Report Series No. 34, ESRI, Dublin, **Health Research and Information Division**.

Activity in Acute Public Hospitals in Ireland, 2008 Annual Report, ESRI Survey and Statistical Report Series No. 31, ESRI, Dublin, **Health Research and Information Division**.

Cost of Stroke in Ireland: Estimating the Annual Economic Cost of Stroke and TIA in Ireland, The Irish Heart Foundation, Dublin, **Samantha Smith**, F. Horgan, **Eithne Sexton**, S. Cowman, A. Hickey, P. Kelly, Hannah McGee, S. Murphy, D. O’Neill, M. Royston, E. Shelley, **Miriam M. Wiley**.

Parents’ Perspectives on Parenting Styles and Disciplining Children, Office of the Minister for Children and Youth Affairs, Dublin, Ann Marie Halpenny, Elizabeth Nixon, **Dorothy Watson**.

Perinatal Statistics Report 2008, ESRI Survey and Statistical Report Series No. 35, ESRI, Dublin, **Health Research and Information Division**.

Report of the Expert Group on Resource Allocation and Financing in the Health Sector, Department of Health and Children, Dublin, **Frances Ruane**.

Resource Allocation, Financing and Sustainability in Health Care: Evidence for the Expert Group on Resource Allocation and Financing in the Health Sector, Vols I and II, Department of Health and Children and Economic and Social Research Institute, Dublin, **Aoife Brick**, **Anne Nolan**, **Jacqueline O’Reilly**, **Samantha Smith**.

Chapters in Books and Reports

“The Sustainability of Irish Health Expenditure”, **T. Callan** (ed.), *Budget Perspectives 2011*, pp. 83-118, **Aoife Brick**, **Anne Nolan**.

ESRI Research Bulletins

“Key Outcomes for Children: New Evidence from *Growing up in Ireland*”, ESRI Research Bulletin No. 2010/1/1, ESRI, Dublin, **James Williams**, Sheila Greene.

“Resource Allocation, Financing and Sustainability in the Health Sector”, ESRI Research Bulletin No. 2010/3/1, ESRI, Dublin, **Aoife Brick**, **Anne Nolan**, **Jacqueline O’Reilly**, **Samantha Smith**.

ESRI Working Papers

WP358: “Towards a Better and Sustainable Health Care System – Resource Allocation and Financing Issues for Ireland”, **Frances Ruane**.

HEALTH (continued)

Presentations/Papers Read to Conferences and Learned Societies

“A Turning Point in Health Care?” Adelaide Society Health Conference, April, **Frances Ruane**.

“An Early European Adoption of Australian-Developed Approaches to Clinical Coding and Casemix Classification: The Irish Experience Five Years On”, ‘Patient Classification Systems – International’, Munich, Germany, September, **Jacqui Curley, Brian McCarthy, Deirdre Murphy, Jacqueline O’Reilly, Miriam M. Wiley**.

“Child Overweight and Obesity in Ireland: Evidence from The *Growing Up in Ireland* Study”, ‘Taking Action on Childhood Obesity’ Conference, Queen’s University Belfast, November, **Richard Layte**.

“Chronic Illness and Emotional and Behavioural Problems Among 9 Year Old Children in Ireland”, ‘Social Science and Medicine’ Conference, Belfast, September, **Richard Layte, Cathal McCrory**.

“Cost of Stroke and Transient Ischemic Attack (TIA) in Ireland”, presented at the Irish Heart Foundation 13th Annual Stroke Conference, Dublin, March; at the Irish Economic Association Annual Conference, Belfast, April, **Samantha Smith**, and at the European Conference on Health Economics, Helsinki, July, **Samantha Smith, Eithne Sexton, Miriam M. Wiley**.

“Devolution of Central Data Checks Back to Hospitals using HIPE Data in Ireland”, ‘Patient Classification Systems – International’, Munich, Germany, September, **Jacqui Curley, Joe Hunter, Brian McCarthy**.

“Diagnosis-related Groups (DRGs) in Ireland”, World Bank Video Conference on Health Financing and Organisation, April, **Miriam M. Wiley**.

“Differential Eligibility and the Utilisation of GP Services in Ireland”, presented at the Irish Economic Association Conference, Belfast, April,

and at the European Conference on Health Economics, Helsinki, July, **Anne Nolan**.

“DRGs and Hospital Efficiency: Panacea or Pitfall?”, European Conference on Health Economics, Helsinki, July, **Jacqueline O’Reilly**, EuroDRG Partners.

“Emotional and Behavioural Problems Among Children With Chronic Illness: The Role of Parent-Child Relationships”, Conference of ‘Epidemiological Longitudinal Studies in Europe’, Cyprus, October, **Richard Layte**.

“Estimating the Annual Economic Cost of Stroke and TIA in Ireland”, Poster Presentation, European Stroke Conference, Barcelona, April, **Samantha Smith, Eithne Sexton, Miriam M. Wiley**.

“Explaining Trends in Caesarean Section Rates in Ireland, 1999-2007”, Poster Presentation, European Conference on Health Economics, Helsinki, July, **Aoife Brick, Richard Layte**.

“Factors Affecting Gross Motor Development in Infants”, *Growing Up in Ireland* Conference, Dublin, November, **Aisling Murray**.

“Financing in Health Care: Lessons for Ireland”, ‘Resource Allocation, Financing and Sustainability in Health Care’ Conference, Dublin, October, **Samantha Smith**.

“How Can we Make Our Health Care System Deliver on its Objectives? The Role of Resource Allocation & Financing”, ‘Resource Allocation, Financing and Sustainability in Health Care’ Conference, Dublin, October, **Frances Ruane**.

“Improving Resource Allocation in the Irish Health Sector – Some New Insights”, IPHA Annual Conference, November, **Frances Ruane**.

“Infant Feeding Method and Children’s Developmental Outcomes”, *Growing Up in*

Social Progress

HEALTH (continued)

Ireland Conference, Dublin, November, **Cathal McCrory, Richard Layte**.

“Local Food Environments and Dietary Quality in Ireland”, presented at the ‘Society of Social Medicine’ Conference, Belfast, September, **Richard Layte, Eithne Sexton, Seán Lyons**, and at the Agricultural Economics Society of Ireland 2010 Conference, Dublin, October, **Seán Lyons**.

“Paying for Hospital Care: the Experience of Activity-based Funding in Five European Countries”, European Health Policy Group, London School of Economics & Political Science, September, **Jacqueline O’Reilly, Miriam M. Wiley**, EuroDRG Partners.

“Resource Allocation in Health Care: The International Perspective”, ‘Resource Allocation, Financing and Sustainability in Health Care’ Conference, Dublin, October, **Anne Nolan, Jacqueline O’Reilly**.

“Resource Allocation and Financing in Health Care”, Abrahamson Lecture, RSCI, September, **Frances Ruane**.

“Resource Allocation, Financing and Sustainability of the Irish Health Sector”, DEW Conference, Kenmare, October, **Frances Ruane**.

“Stroke Care in Ireland: The INASC and COSI Studies”, Poster Presentation: 6th Congress of the European Union Geriatric Medicine Society, Dublin, September, **Samantha Smith, Eithne Sexton, Miriam Wiley**.

“Sustainability in Health Care: Trends and Emerging Issues For Ireland”, ‘Resource Allocation, Financing and Sustainability in Health Care’ Conference, Dublin, October, **Aoife Brick**.

“The Healthy Immigrant Effect: Initial Evidence for Ireland”, European Conference on ‘Health Economics’, Helsinki, July, **Anne Nolan**.

“The Impact of Child Health and Psychological Development on Educational Outcomes at Age 9”, *Growing Up in Ireland* Conference, Dublin, November, **Richard Layte**.

“The Impact of Mental Health and Social Class on Quitting Behaviour”, Psychological Association of Ireland Conference, RCSI, Dublin, March, **Richard Layte**.

“The Relationship Between Early Breastfeeding Exposure and Children’s Educational Test Scores at Nine Years of Age”, ‘Society of Social Medicine’ Conference, Belfast, September, **Cathal McCrory, Richard Layte**.

“The Sustainability of Irish Health Expenditure”, ‘Budget Perspectives’ Conference, ESRI, Dublin, October, **Aoife Brick, Anne Nolan**.

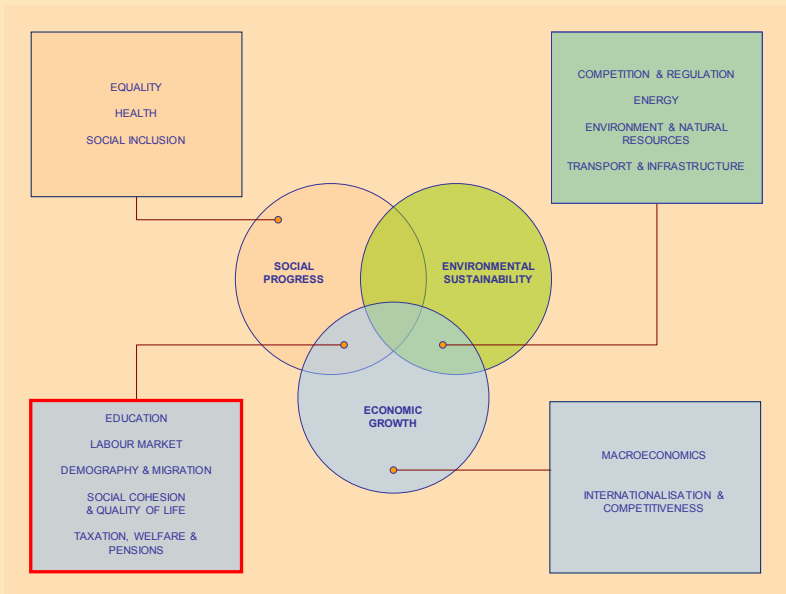
ESRI Seminars

“Growing Up in Australia – Experiences from the First Six Years”, Carol Soloff, Australian Institute of Family Studies.



ESRI researchers at the launch of *The Irish Health-Care System: Resource Allocation, Financing & Sustainability*, October 2010.

Economic Growth and Social Progress



There are five programmes of research in this area:

- **Education**
(coordinated by Professor Emer Smyth)
- **Labour Market**
(coordinated by Professor Philip J. O'Connell)
- **Demography and Migration**
(coordinated by Professor Alan Barrett)
- **Social Cohesion and Quality of Life**
(coordinated by Dr Helen Russell)
- **Taxation, Welfare and Pensions**
(coordinated by Professor Tim Callan)

EDUCATION

School organisation and process continued to be a key focus of the ESRI's educational research during 2010. The Post-Primary Longitudinal Study (PPLS), funded by the **National Council for Curriculum and Assessment (NCCA)** and the **Department of Education and Skills (DES)**, continued throughout 2010. This study provided new insights into the processes shaping early school leaving in Ireland, revealing the complex interplay of school, family and individual characteristics, and also explored the transition to senior cycle and preparation for the Leaving Certificate examination.

A study of students taking the *Leaving Certificate Applied (LCA)* Programme, commissioned by the **NCCA**, examined the characteristics of young people who participated in the LCA programme approximately one decade after its introduction. It investigated their reasons for entering the programme, their learning experiences during LCA, and their subsequent employment and educational pathways, and represents an important evidence base for policy development.

Research on primary school design, commissioned by the **DES**, assessed how primary school buildings can be used to enhance the learning process. Other research on primary education, funded under the **EU FP7** project *Religious Education in a Multicultural Society (REMC)*, explored the communication of religious and secular beliefs and values through the education system and the family and was part of a collaborative project involving University College Dublin as well as institutions in Belgium (Flanders), Germany, Malta, Scotland and Italy.

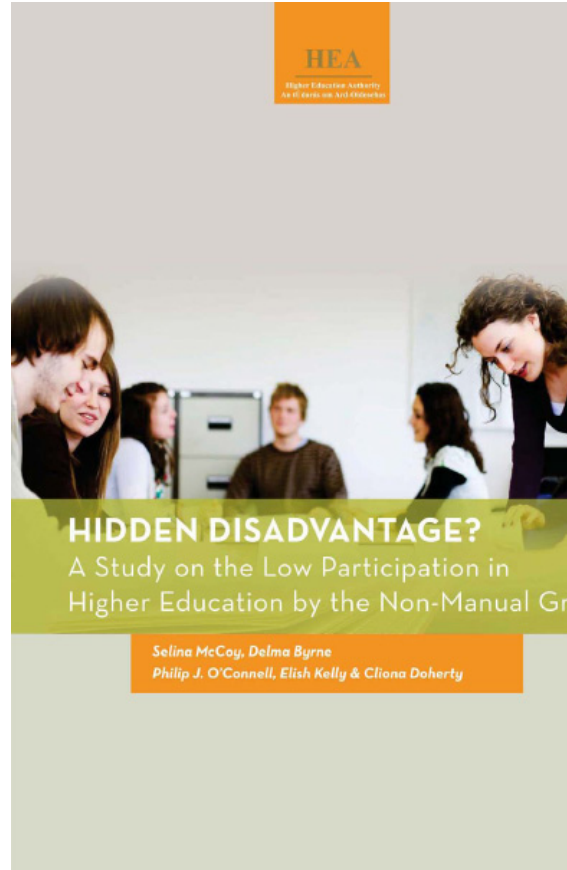
The first wave of a study of fourth-class primary school students, in partnership with an external fieldwork agency, was completed. This is part of a comparative international study of school effectiveness funded under the **EUROCORES** programme.

Research on young people's post-school transitions continued with a study, funded by 10 key educational organisations, examining the post-

EDUCATION (continued)

school outcomes of young people who left school in 2007 and 2008, assessing the factors influencing their decision-making, their skills and competencies and their post-school pathways.

A study, commissioned by the **Higher Education Authority (HEA)**, examined the experiences of young people from non-manual backgrounds in accessing Higher Education. The findings highlighted the role of school experiences, issues around information and advice, and financial constraints in shaping Higher Education entry for young people. Related research, also funded by the **HEA** on the *Costs of Participation in Higher Education*, explored the overall costs of attending college for students, placing a particular focus on the experiences of diverse groups with low rates of participation in Higher Education. Further research commissioned by the **HEA** examined the factors influencing student progression and retention once in Higher Education, and the factors shaping student success in Higher Education. The study demonstrated the importance of taking account of differences in the composition of student intakes in assessing institutional effectiveness.



Speakers at the Higher Education Policy Conference, (L to R) Liv Anne Støren (Norwegian Institute for Studies in Innovation), Muiris O'Connor (Higher Education Authority), Selina McCoy, and David Raffe (University of Edinburgh), November 2010.

EDUCATION (continued)

Programme Coordinators: Emer Smyth and Selina McCoy

Staff who work in this area include: Merike Darmody, Joanne Banks, Delma Byrne, Elish Kelly, Seamus McGuinness, Philip J. O'Connell, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Continuous Professional Development among Primary Teachers and its Impact on Children's Outcomes	The Teaching Council	In progress	J. Banks E. Smyth
Determinants of Job Satisfaction and Job Stress among Primary Teachers and their Impact on Children's Outcomes	The Teaching Council	In progress	M. Darmody E. Smyth
A Profile of Educate Together Schools	Educate Together	In progress	M. Darmody S. McCoy E. Smyth
Leaving School in Ireland	Association of Secondary Teachers of Ireland; Department of Education and Skills; Further Education and Training Awards Council; Higher Education Authority; Higher Education and Training Awards Council; National Association of Principals and Deputy Principals; National Council for Curriculum and Assessment; National Council for Special Education; National Qualifications Authority of Ireland; Teachers Union of Ireland	In progress	E. Smyth S. McCoy J. Banks D. Watson D. Byrne

Economic Growth and Social Progress

EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
Post-Primary Longitudinal Study: (i) The Transition to Senior Cycle (ii) A Study of Leaving Certificate Students	National Council for Curriculum and Assessment Department of Education and Skills	In progress	E. Smyth E. Calvert J. Banks
The Primary Classroom: Insights from the <i>Growing Up in Ireland</i> Study	National Council for Curriculum and Assessment Department of Education and Skills	In progress	J. Banks S. McCoy E. Smyth
Special Educational Needs Prevalence Study	National Council for Special Education	In progress	S. McCoy J. Banks
Research Project on the Educational Needs of Young People in Care	Ombudsman for Children's Office	In progress	M. Darmody J. Banks R. Gilligan (TCD) S. Greene (TCD)
Social Mix and Primary School Progress	Irish Research Council for the Humanities and Social Sciences under the auspices of the European Science Foundation EUROCORES ECRP Programme 2008	In progress	E. Smyth S. McCoy D. Byrne J. Banks D. Watson R. NicChartaigh (Consultant) Partner: Amárach Research
The Training Gap in Life-Long Learning (EMPLOY-EDUC)	European Commission, DG Research and Innovation, FP6 - funded under the EqualSoc Network	Completed	P. J. O'Connell D. Byrne M. Darmody S. McCoy
Religious Education in a Multicultural Society: School and Home in Comparative Context (REMC)	European Commission, DG Research and Innovation, FP7	Completed	E. Smyth M. Darmody

EDUCATION (continued)

Journal Articles

“Single-sex Education: What Does Research Tell Us?”, *Revue Française de Pédagogie*, No. 171, April/May/June 2010, pp. 47-55, **Emer Smyth**.

“The Economic Returns to Field of Study and Competencies Among Higher Education Graduates in Ireland”, *Economics of Education Review*, Vol. 29, Issue 4, August 2010, pp. 650-657, **Elish Kelly, Philip J. O’Connell, Emer Smyth**.

“Understanding Parental Influence on Educational Outcomes Among 9 year Olds in Ireland: The Mediating Role of Resources, Attitudes and Children’s Own Resources”, *Child Indicators Research*, Vol. 3, No. 1, January 2010, pp. 85-104, **Emer Smyth, Christopher T. Whelan, Selina McCoy, Amanda Quail, Erika Doyle**.

Reports and Other Publications

Designing Primary Schools for the Future, ESRI Research Series No. 16, ESRI, Dublin, **Merike Darmody, Emer Smyth, Cliona Doherty**.

Engaging Young People? Student Experiences of the Leaving Certificate Applied, ESRI Research Series No. 15, ESRI/NCCA, Dublin, **Joanne Banks, Delma Byrne, Selina McCoy, Emer Smyth**.

Hidden Disadvantage? A Study of the Low Participation in Higher Education by the Non Manual Group, HEA, Dublin, **Selina McCoy, Delma Byrne, Philip J. O’Connell, Elish Kelly, Cliona Doherty**.

No Way Back? The Dynamics of Early School Leaving, The Liffey Press in association with The ESRI, NCCA & Department of Education & Science, Dublin, **Delma Byrne, Emer Smyth**.

Study on the Costs of Participation in Higher Education, HEA, Dublin, **Selina McCoy, Emma Calvert, Emer Smyth, Merike Darmody**.

The Incidence and Wage Effects of Overskilling Among Employed VET Graduates, NCVET, Adelaide,

Kostas Mavromaras, **Seamus McGuinness**, Yin King Fok.

Chapters in Books and Reports

“Non-Progression among Higher Education New Entrants: a Multivariate Analysis”, V. Patterson, O. Mooney, M. O’Connor and A. Chantler (eds.), in *A Study of Progression in Irish Higher Education*, pp. 40-53, **Selina McCoy, Delma Byrne**.

ESRI Research Bulletins

“Identifying the Barriers to Higher Education Participation”, ESRI Research Bulletin No. 2010/1/5, ESRI, Dublin, **Selina McCoy, Delma Byrne**.

“Student Experiences of the Leaving Certificate Applied Programme”, ESRI Research Bulletin No. 2010/2/3, ESRI, Dublin, **Joanne Banks, Delma Byrne, Selina McCoy, Emer Smyth**.

ESRI Working Papers

WP365: “Explaining International Differences in Rates of Overeducation in Europe”, Maria A. Davia, **Seamus McGuinness, Philip J. O’Connell**.

WP362: “Too Much of a Good Thing? Gender, ‘Concerted Cultivation’ and Unequal Achievement in Primary Education”, **Selina McCoy, Delma Byrne, Joanne Banks**.

Presentations/Papers Read to Conferences and Learned Societies

“Agents of Change? Children and Religious Diversity”, EU Workshop on Religion and Pluralism, Brussels, October, **Emer Smyth**.

“Children’s Agency and Religious Identity in Irish Primary Schools”, *Changing Boundaries: Spirituality and Education*, DCU, Dublin, June, **Emer Smyth, Merike Darmody**.

“Curriculum Differentiation in an Irish Context: The Example of the Leaving Certificate Applied”, presented at the Educational Studies Association

Economic Growth and Social Progress

EDUCATION (continued)

of Ireland Annual Conference, Dundalk, March and at the European Conference on 'Educational Research', Helsinki, August, **Joanne Banks, Delma Byrne, Selina McCoy, Emer Smyth.**

"Effect of Parenting Style on Academic Achievement", Psychological Society of Ireland Annual Conference 2010, Athlone, November, **Aisling Murray.**

"Hidden Disadvantage? What are the Barriers to Higher Education Among the Lower White Collar Group", 'Pathways to Education Connections' Conference 2010, UCC and CIT, April, **Selina McCoy.**

"Hidden Disadvantage in Higher Education Access in Ireland", Transitions in Youth Workshop, Dublin, September, **Delma Byrne, Selina McCoy.**

"Higher Education Research in Ireland: Where Are We Now?", 'Higher Education Policy: Evidence from Ireland and Europe', ESRI Conference, Dublin, November, **Selina McCoy.**

"Non Progression Among Higher Education New Entrants: A Multivariate Analysis", HEA Higher Education Progression Conference, Dublin, October, **Selina McCoy, Delma Byrne.**

"Religious Education in a Multicultural Society", Irish InterChurch Meeting Conference on 'Education', Dublin, October, **Emer Smyth.**

"Religious Identities and Primary Schooling in Ireland", Educational Studies Association of Ireland Annual Conference, Dundalk, March, **Emer Smyth, Merike Darmody, Etaine Howlett (UCD), Kathleen Lynch (UCD), Maureen Lyons (UCD).**

"The Impact of the Leaving Certificate Exam on Teaching and Learning in Sixth Year", Educational Studies Association of Ireland Annual Conference, Dundalk, March, **Emer Smyth, Joanne Banks, Emma Calvert.**

"The Effect of School Social Mix: Unpacking the Processes", EARLI Conference 'Educational Effectiveness: Models, Methods and Applications', Leuven, **Selina McCoy, Amanda Quail, Emer Smyth.**

"The Effect of School Social Mix on Academic Outcomes", *Growing Up in Ireland* Conference, Dublin, November, **Emer Smyth, Amanda Quail, Selina McCoy.**

"There was Never Really any Question of Anything Else: Young People's Agency, Institutional Habitus and the Transition to Higher Education", 'Transitions in Youth' Workshop, Dublin, September, **Emer Smyth, Joanne Banks.**

"Widening Access and Participation: What Do We Know?", 'Widening Access and Participation in Higher Education' Seminar, UCD Equality Studies/HEA, Dublin, October, **Selina McCoy.**



Guest speaker Richard Breen (Yale University) with Frances Ruane (Director) and a portrait of Roy Geary (first Director of the ESRI) on the occasion of the first Geary Lecture in 2010, "Social Mobility and Education", March 2010.

LABOUR MARKET

Research on the labour market in 2010 focused mainly on three themes: unemployment and activation; the workplace; matching skills and jobs.

Following the publication of *National Profiling of the Unemployed in Ireland* in 2009, the **Department of Social Protection** began implementation of a national system of profiling and case management of unemployed clients in 2010, with technical assistance from the ESRI research team. Profiling is a state-of-the-art statistically-based system for the early identification of those with a high probability of becoming long-term unemployed at the time they first become unemployed. It allows for a ranking of jobseeker claimants according to their likelihood of long-term unemployment, and provides the capacity to target resources on those who most need, and can benefit from, activation measures.

A follow-on project that involves combining the profiling data with administrative records of the National Employment Action Programme (NEAP) is evaluating the impact of the range of activation measures to assist unemployed individuals re-enter the workforce. The report on the impact of the NEAP is to be published in 2011. These research projects provide policymakers with essential information to inform the allocation and targeting of effective and appropriate programmes for the unemployed and are particularly relevant at a time of mass unemployment.

In 2010 work was completed on two workplace studies based on nationally representative surveys of employers and employees which were carried out in 2009 for the **National Centre for Partnership and Performance**. These surveys follow from the first national workplace surveys, carried out in 2003 in the midst of an economic boom. The research addressed a number of common themes, including:

- What is the impact of recession on the workplace and employees?
- Has the way work is organised changed? Have workplaces adopted 'high performance' workplace practices (HPWS)? Key aspects of HPWS are the devolution of decision making to employees (employee involvement), training and skill development in the workplace (human capital development) and working co-operatively in new ways.
- What are the workplace practices and employee characteristics that are associated with an openness to innovation and actual innovation in products and services?

Work continued on a major comparative international study on matching skills and jobs, in collaboration with researchers from Swansea University and Flinders University, Adelaide, on behalf of **Cedefop**, the European Centre for the Development of Vocational Training. During 2010 an extended literature and data review was undertaken which sought to identify the main findings of the international mismatch literature, the central questions that remained unanswered and the data constraints to effective future research. Further research utilised multiple waves of the European Working Conditions Survey to assess the extent to which skill mismatch and skill obsolescence was more prevalent among older workers and the degree to which differential impacts were observed with respect to key labour market variables such as earnings, job satisfaction, fear of job-loss and health.

Economic Growth and Social Progress

LABOUR MARKET (continued)

Programme Coordinator: Philip J. O'Connell

Other members of staff working on labour market issues include: Alan Barrett, Delma Byrne, Tim Callan, Claire Keane, Elish Kelly, Pete Lunn, Frances McGinnity, Seamus McGuinness, Helen Russell, John R. Walsh, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
2009 National Workplace Survey of Employee Attitudes, Expectations and Experiences of Workplace Change	National Centre for Partnership and Performance (NCPPI)	Completed	P. J. O'Connell D. Watson H. Russell S. McGuinness D. Byrne Partner – Amárach Research
2009 National Workplace Survey of Employer Attitudes, Expectations and Experiences of Workplace Change	National Centre for Partnership and Performance (NCPPI)	Completed	D. Watson P. J. O'Connell H. Russell Partner – Amárach Research
Consultancy Services on Implementation of National Profiling System	Department of Social Protection	Completed	P. O'Connell S. McGuinness E. Kelly J. Walsh
Evaluating the Impacts of the National Employment Action Plan (NEAP) on the Likelihood of Exiting the Live Register	Department of Social Protection	Completed	S. McGuinness P. J. O'Connell E. Kelly J. R. Walsh
Determinants and Consequences of Skill Mismatch and Policy Implications	European Centre for the Development of Vocational Training (Cedefop)	In progress	S. McGuinness P. J. O'Connell P. Sloane (University of Swansea) N. O'Leary (University of Swansea) K. Mavromaras (University of Melbourne)
FÁS/ESRI Joint Project on Occupational Employment Forecasting	FÁS	Deferred	P. J. O'Connell P. Lunn
Report on Impact of Labour Market Outcomes of Immigrants in Ireland	OECD	Completed	A. Barrett

LABOUR MARKET (continued)

Journal Articles

“Comment on P. Foley and F. O’Callaghan, ‘Investigating the Public-Private Wage Gap in Ireland Using Data from the National Employment Survey 2007’”, *Journal of the Statistical and Social Inquiry Society of Ireland*, Vol. XXXIX, 2010, pp. 46-50, **Seamus McGuinness**.

“Labour Market Mismatch Among UK Graduates: An Analysis Using REFLEX Data”, *Economics of Education Review*, Vol. 30, Issue 1, February 2011, pp. 130-145, **Seamus McGuinness**, Peter J. Sloane.

“The Impact of Wage Bargaining Regime on Firm-Level Competitiveness and Wage Inequality: The Case of Ireland”, *Industrial Relations: a Journal of Economy and Society*, Vol. 49, No. 4, October 2010, pp. 593-615, **Seamus McGuinness**, **Elish Kelly**, **Philip J. O’Connell**.

“The Problem of Overskilling in Australia and Britain”, *Manchester School*, Vol. 78, No. 3, 2010, pp. 219-241, Kostas Mavromaras, **Seamus McGuinness**, Nigel O’Leary, Peter Sloane, Yin King Fok.

Reports and Other Publications

Changing Workplace: A Survey of Employees’ Views and Experiences, National Centre for Partnership and Performance, Dublin, **Philip J. O’Connell**, **Helen Russell**, **Dorothy Watson**, **Delma Byrne**.

Changing Workplace: A Survey of Employers’ Views and Experiences, National Centre for Partnership and Performance, Dublin, **Dorothy Watson**, **John Galway**, **Philip J. O’Connell**, **Helen Russell**.

The Right Skills for Silver Workers: An Empirical Analysis, CEDEFOP Research Paper No. 8, Publications Office of the European Union, Luxembourg, Nigel O’Leary, Peter Sloane, **Seamus McGuinness**, Kostas Mavromaras.

The Skill Matching Challenge: Analysing Skill Mismatch and Policy Implications, Publications Office of the European Union, Luxembourg, Nigel O’Leary, Peter Sloane, **Seamus McGuinness**, **Philip J. O’Connell**, Kostas Mavromaras.

ESRI Research Bulletins

“The Impact of Social Partnership on Ireland’s Competitiveness”, ESRI Research Bulletin No. 2010/3/3, ESRI, Dublin, **Seamus McGuinness**, **Elish Kelly**, **Philip J. O’Connell**.

ESRI Working Papers

WP346: “Female Labour Supply and Divorce: New Evidence from Ireland”, Olivier Bargain, Libertad González, **Claire Keane**, Berkay Özcan.

WP345: “A Statistical Profiling Model of Long-Term Unemployment Risk in Ireland”, **Philip J. O’Connell**, **Seamus McGuinness**, **Elish Kelly**.

Presentations/Papers Read to Conferences and Learned Societies

“A Statistical Profiling Model of Long-term Unemployment Risk in Ireland”, Irish Economic Association Annual Conference, Belfast, April, **Philip J. O’Connell**, **Seamus McGuinness**, **Elish Kelly**.

“Characteristics Associated with Youth Long-term Unemployment Risk in Ireland”, ‘Transitions in Youth’ Workshop, Dublin, September, **Elish Kelly**, **Seamus McGuinness**, **Philip J. O’Connell**.

“Labour Market Mismatch Among UK Graduates”, Irish Economic Association Annual Conference, Belfast, April, **Seamus McGuinness**.

“Parental Employment and Child Outcomes”, *Growing Up in Ireland* Conference, Dublin, November, **Helen Russell**, **Maeve Thornton**.

LABOUR MARKET (continued)

“Profiling Long-term Unemployment Risk in Ireland, International Sociological Association Annual Conference, Gothenberg, Sweden, July, **Philip J. O’Connell, Seamus McGuinness, Elish Kelly.**

“Skills and Education Mismatched in the Graduate Labour Market: A European Comparative Analysis”, AlmaLaurea Conference on Graduate Employability, University of Calabria, Italy, March, **Seamus McGuinness.**

“The Effects of High Performance Work Practices on Employee Wellbeing”, Work, Employment and Society Annual Conference, Brighton, September, **Philip J. O’Connell, Helen Russell, Dorothy Watson.**

“The Public-Private Sector Wage Gap in Ireland: What Lies Beneath?”, Irish Economic Association Annual Conference, Belfast, April, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell.**

“What Do We Know About Continuing Vocational Education, Training and Work?” ‘Shaping the Future of the ESF-ESF and Europe 2020’ Conference, Brussels, June, **Philip J. O’Connell.**

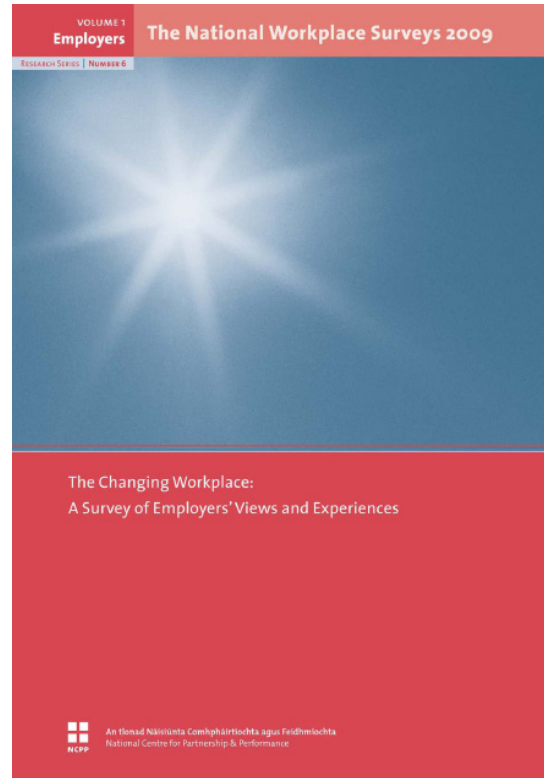
“Work-life Conflict and Social Inequality in Western Europe”, EQUALSOC Conference, Amsterdam, June, **Frances McGinnity.**



Professor Canice Prendergast (University of Chicago Booth School of Business) who delivered the second Geary Lecture of 2010, “Is Pay-For-Performance Effective?”, 25 November 2010.

ESRI Seminars

“Part-time Working and Pay Among Millennium Cohort Study Mothers”, Shirley Dex, Centre for Longitudinal Studies (CLS), Institute of Education, London.



DEMOGRAPHY AND MIGRATION

Given the changing economic circumstances which Ireland experienced between 2008 and 2010, it was inevitable that a change in emphasis would begin to emerge in the Institute's work on migration. Research, funded in part by the **OECD**, showed how severe the recession has been on immigrants, in terms of employment losses.

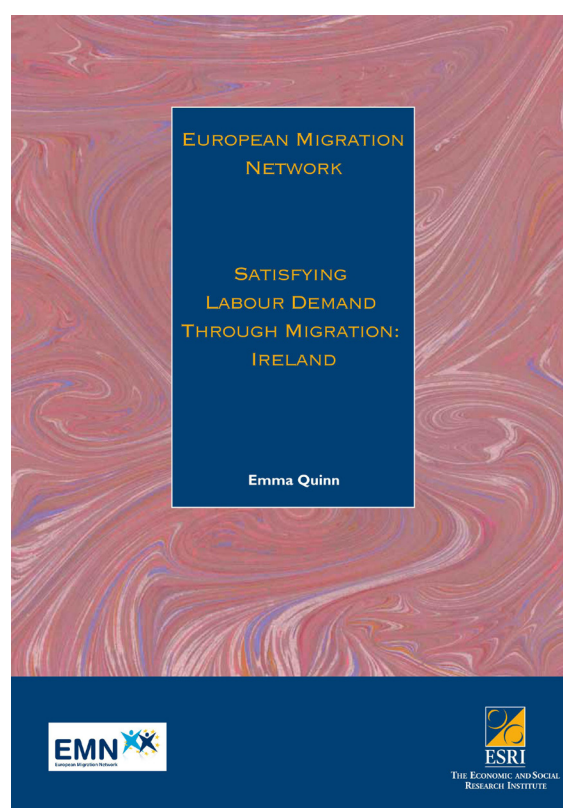
The issue of return migration and the wage advantages enjoyed by Irish workers with foreign experience of the local labour market were explored. As with earlier ESRI work on this topic, a wage advantage for returned migrants was again identified. Given the resumption in migratory outflows, this result is particularly important.

EMN Ireland, the Irish national contact point of the European Migration Network (EMN), is based at the ESRI. The EMN published four reports in 2010. The first provided an overview of migration and asylum trends and policy development in Ireland in 2009. The second explored assisted voluntary return of non-EU nationals, including comparative information on forced return and on assisted return scheme offered to nationals of EU-12 countries. The third report outlined the legal statuses in Ireland in respect of international protection subject to European law, and those that arise solely from Irish domestic law. The final report investigated Ireland's approach to satisfying labour market demand through migration in the period 2004-2010, with an emphasis on non-EU economic immigration, although information is also provided on EU immigration.

The ESRI also continues to be responsible for the Irish reports to SOPEMI, the OECD Continuous Reporting System on Migration, and a report based on 2009 data was produced.

Work began in 2010 on a study on immigrants and welfare receipt across Europe, commissioned by the **European Commission**. The Institute is working on this in partnership with the German research institute, IZA. The report will appear early in 2011.

Research in the ESRI on demographic matters will be facilitated in the coming years through the development of close ties with *The Irish Longitudinal Study on Ageing* (TILDA) in Trinity College. In March 2010, Alan Barrett took up a joint appointment between the ESRI and TILDA, where he began to work as Principal Investigator within the economics domain of the study.



Economic Growth and Social Progress

DEMOGRAPHY AND MIGRATION (continued)

Programme Coordinator: Alan Barrett

Other members of staff working in this area include: Adele Bergin, Elaine Byrne, Jean Goggin, Corona Joyce, Elish Kelly, Frances McGinnity, Seamus McGuinness, Philip J. O’Connell, Emma Quinn.

Project Title	Client/Funding Agency	Status	Researchers
European Migration Network 2010	European Commission, DG Home Affairs; Department of Justice and Law Reform	Completed	P. J. O’Connell E. Quinn C. Joyce E. Byrne
Immigrants’ Characteristics, Experiences and Impacts	IRCHSS	Completed	A. Barrett P. J. O’Connell E. Kelly J. Goggin
Study on Active Inclusion of Migrants	European Commission, DG Employment, Social Affairs & Inclusion	In progress	A. Barrett B. Maître C. T. Whelan (UCD)
The Irish Longitudinal Study on Ageing (TILDA)	Trinity College Dublin	In progress	A. Barrett

Journal Articles

“Immigration and School Composition in Ireland”, *Irish Educational Studies*, Vol. 29, No. 3, September 2010, pp. 271-288, **Delma Byrne, Frances McGinnity, Emer Smyth, Merike Darmody.**

“Returning to the Question of a Wage Premium for Returning Migrants”, *National Institute Economic Review*, No. 213, July 2010, pp. R43-R51, **Alan Barrett, Jean Goggin.**

Reports and Other Publications

Annual Policy Report on Migration and Asylum 2009: Ireland, ESRI Survey and Statistical Report Series No. 32, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce.**

Programmes and Strategies in Ireland Fostering Assisted Return to and Reintegration in Third Countries, Report prepared for the European

Commission Directorate-General Justice, Freedom and Security and published by the ESRI, Dublin, **Emma Quinn.**

Satisfying Labour Demand Through Migration: Ireland, Report prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, Dublin, **Emma Quinn.**

The Practices in Ireland Concerning the Granting of Non-EU Harmonised Protection Statuses, Report prepared for the European Commission Directorate-General Justice, Freedom and Security and published by the ESRI, Dublin, John Stanley, **Corona Joyce, Emma Quinn.**

ESRI Working Papers

WP355: “The Impact of Ireland’s Recession on the Labour Market Outcomes of its Immigrants”, **Alan Barrett, Elish Kelly.**

DEMOGRAPHY AND MIGRATION (continued)

WP339: “International Migration in Ireland, 2009”, **Philip J. O’Connell, Corona Joyce.**

WP337: “Returning to the Question of a Wage Premium for Returning Migrants”, **Alan Barrett, Jean Goggin.**

Presentations/Papers Read to Conferences and Learned Societies

“Go West! The Migration from Central and Eastern Europe to Ireland since 2004”, Public lecture at the University of Warsaw, February, **Alan Barrett.**

“Immigrants’ Welfare Receipt across the EU”, presented at a Conference at the University of Amsterdam, March, **Alan Barrett**; and at the ESRI Roundtable Conference on ‘Immigrants and Social Welfare’, Dublin, March, **Alan Barrett, Bertrand Maître**; and at the Conference at the National Institute for Demographic Studies (INED), Paris, July, **Alan Barrett.**

“Immigrants’ Welfare Receipt in Ireland”, ESRI Roundtable Conference on ‘Immigrants and Social Welfare’, Dublin, March, **Alan Barrett.**

“Immigrants and Ireland’s Recession”, OECD, Paris, June, **Alan Barrett, Elish Kelly.**

“New School, New System: The Experiences of Immigrant Students in Irish Schools”, Trinity Immigration Initiative Conference, Trinity College Dublin, July, **Merike Darmody, Frances McGinnity, Emer Smyth, Delma Byrne.**

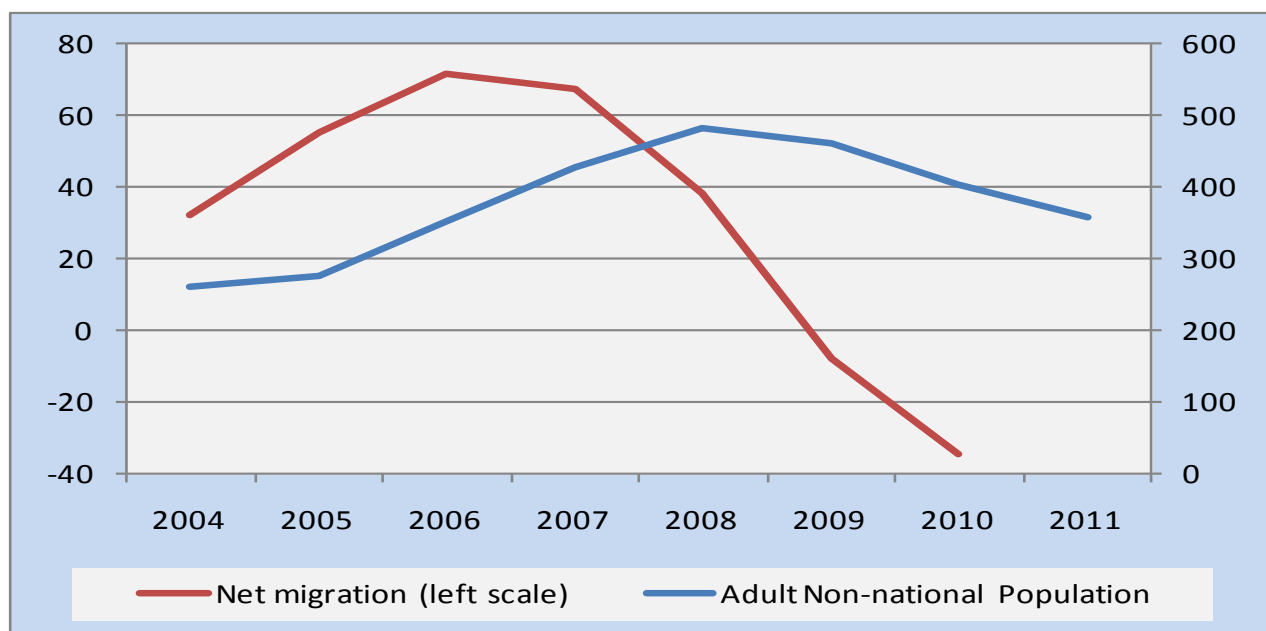
“Recent Migration Trends and the Irish Labour Force”, Contemporary Labour Migration Conference, NUI Galway, May, **Emma Quinn.**

“The Impact of Ireland’s Recession on the Labour Market Outcomes of its Immigrants”, presented at the Trinity Immigration Initiative/ERC Research Policy Conference, Trinity College Dublin, September; at the TEMPO Conference on ‘International Migration’, Dublin, October, and at the European Migration Network (EMN) Research Conference ‘Labour Market, the Crisis and Migration’, Dublin, November, **Alan Barrett, Elish Kelly.**

ESRI Seminars

“A Firm-Level Perspective on Migration”, Alessia LoTurco, Università Politecnica delle Marche, Ancona, Italy.

“Refugees and Illegal Arms Flows”, Gaia Narciso, Department of Economics, Trinity College Dublin.



Source: CSO, *Population and Migration Estimates*, annual; and *Quarterly National Household Survey*.

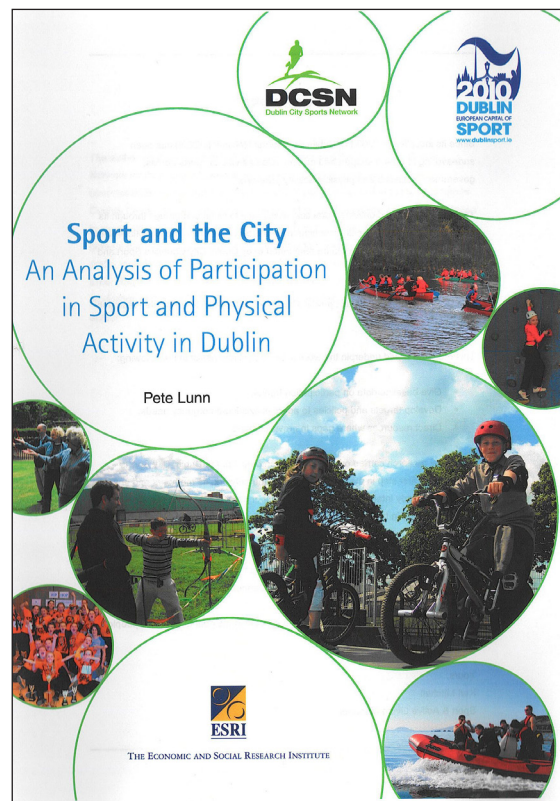
SOCIAL COHESION AND QUALITY OF LIFE

ESRI research on the quality of life during 2010 explored the various domains of quality of life (health, family/relationships, work, economic) and the relationship between those domains, for example examining issues of work-life conflict, including its impact on the quality of life of children drawing on data from the *Growing Up in Ireland* Survey. Social cohesion research during 2010 focused on the issue of social participation, in particular participation in sport.

During 2010 the ESRI was involved in a number of studies that considered participation in sport and sports policy. The **Irish Sports Monitor (ISM)**, funded by the Irish Sports Council, is an ongoing system for monitoring levels of participation in sport and exercise in Ireland with an annual sample of nearly 10,000 people. The annual report on the 2009 data, completed in 2010, will be published in 2011. The ISM data were also used to complete a study of participation in sport commissioned by **Dublin City Council** which was published in February 2010. This project helped to stimulate interest from other localities throughout the country. By end-2010, eight other regional reports on sport and exercise activity had been commissioned. Lastly, the "Sportfolio" project continued in 2010. It uses data on participation in sport from three separate sources to compile profiles of the most popular sport and exercise activities in Ireland.

Work continued on the design of a module for the fifth European Social Survey 2010 (ESS) on *Work, Family and Well-being*. The survey partially replicates the 2004 ESS module developed by researchers at the ESRI in collaboration with European partners. The module examines the implications of economic recession for family, work and well-being, including issues such as changes in the quality of work and their impact on work-family conflict, work pressure, and social integration. Data for up to 26 European countries will be available for analysis in 2011.

In conjunction with the School of Applied Social Sciences in UCD, the ESRI undertook a major study on changing family structures and fertility patterns in Ireland, funded by the **Family Support Agency (FSA)**. This project was granted access to the 2006 Census Research Microdata File, allowing a more detailed analysis of family change in Ireland than has been possible to date. The final report was published early in 2010. A follow-on study was commissioned by the FSA to examine the extent to which partnerships are formed within and across social groups, the changing role of cohabitation, the possible causes of recent trends in fertility, and the primary living arrangements of children following marital breakdown. The project was initiated in 2010 and will be published in 2011.



SOCIAL COHESION AND QUALITY OF LIFE (continued)

Programme Coordinator: Helen Russell

Other members of staff who work in this area include: Elish Kelly, Pete Lunn, Bertrand Maître, Frances McGinnity, Richard Layte, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Family Figures: Trends in Family Dynamics and Family Types in Ireland	Family Support Agency	Completed	P. Lunn T. Fahey (UCD) C. Hannan (UL)
Household and Family Structures in Ireland: An Analysis of <i>Census 2006</i>	Family Support Agency	In progress	P. Lunn T. Fahey (UCD)
Sport and Physical Activity in Dublin	Irish Sports Council	Completed	P. Lunn
The Irish Sports Monitor	Irish Sports Council	Completed	P. Lunn R. Layte D. Watson
Statistical Analysis of Participation by Local Sports Partnership (LSP) Area	Irish Sports Council; Local Sports Partnerships	In progress	P. Lunn E. Kelly
What's it Worth? The Perception of Economic Losses and Gains	IRCHSS	Completed	R. Layte P. Lunn D. Duffy
Archiving of Historic Social Science Datasets from ESRI Surveys	Irish Social Science Data Archive, University College Dublin	Completed	D. Watson J. Galway
Sampling Design, Sample Weighting and Technical Reporting for the European Social Survey	University College, Dublin	Completed	D. Watson
Child Care Responsibilities and Continuing Training Participation in Europe: A Cross-national Comparative Study (EMPLOY-FAMNET)	European Commission, DG Research and Innovation, FP6 – funded under the EqualSoc Network	Completed	F. McGinnity

SOCIAL COHESION AND QUALITY OF LIFE (continued)

Project Title	Client/Funding Agency	Status	Researchers
Children and Time Use in European Families (FAMNET)	European Commission, DG Research and Innovation, FP6 – funded under the EqualSoc Network	Completed	F. McGinnity
Work, Family and the Recession: Development of ESS Module on Work, Family and Well-being	European Commission, DG Research and Innovation, FP6 – funded under the EqualSoc Network	Completed	H. Russell

Journal Articles

“The Sports and Exercise Life-course: A Survival Analysis of Recall Data from Ireland”, *Social Science & Medicine*, Vol. 70, Issue 5, March 2010, pp. 711-719, **Pete Lunn**.

“Satisfaction with Life in Europe”, ESRI Research Bulletin No. 2010/2/2, ESRI, Dublin, **Dorothy Watson**.

Reports and Other Publications

Family Figures: Family Dynamics and Family Types in Ireland, 1986-2006, Family Support Agency and ESRI, Dublin, **Pete Lunn**, Tony Fahey, Carmel Hannan.

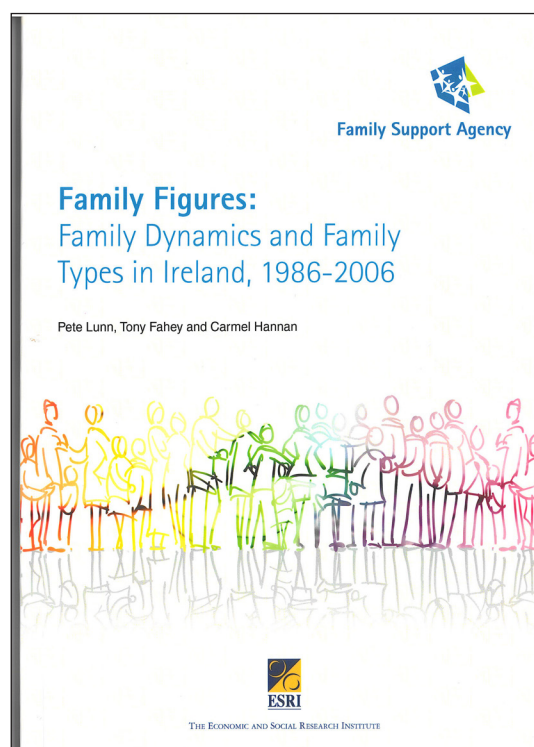
Growing Up in Ireland – National Longitudinal Study of Children: The Infants and their Families, The Stationery Office, Dublin, **James Williams**, Sheila Green, Sinead McNally, **Aisling Murray**, **Amanda Quail**.

Sport and the City: An Analysis of Participation in Sport and Physical Activity in Dublin, ESRI & Dublin City Council, Dublin, **Pete Lunn**.

Subjective Well-being in Europe, Second European Quality of Life Survey, European Foundation for the Improvement of Living and Working Conditions, Dublin, **Dorothy Watson**, Florian Pichler, Claire Wallace.

ESRI Research Bulletins

“Get Back in the Game: Sport, The Recession and Keeping People Active”, ESRI Research Bulletin No. 2010/1/3, ESRI, Dublin, **Pete Lunn**.



SOCIAL COHESION AND QUALITY OF LIFE (continued)

Presentations/Papers Read to Conferences and Learned Societies

“Decisions... Decisions... and How to Frame Them”, ‘DEFUSE – Design for Use’ Conference, Dublin, November, **Pete Lunn**.

“Living Conditions, Social Exclusion and Mental Well-Being”, ‘Economic Growth for Better Quality of Life’ Conference, Brussels, September, **Richard Layte**.

“Neighbourhood Effects on Child Outcomes”, *Growing Up in Ireland* Conference, Dublin, November, **Amanda Quail**.

“Revision or Revolution? The Impact of Behavioural Economics”, Warwick Economics Summit, University of Warwick, February, **Pete Lunn**.

“Time Use Among 9 Year Olds”, *Growing Up in Ireland* Conference, Dublin, November, **James Williams**.

“The Infants and Their Families – Results From The First Wave of The Infant Cohort (At 9 Months)”, *Growing Up in Ireland* Conference, Dublin, November, **James Williams**, Sheila Greene (TCD).

“The Game has Changed: Trying to Do More with Very Much Less”, All-island Sports Conference, Dublin, October, **Pete Lunn**.

“Understanding How We Value Culture - A Behavioural Economist’s Perspective”, Temple Bar Cultural Trust Conference on the ‘Value of Culture’, October, **Pete Lunn**.

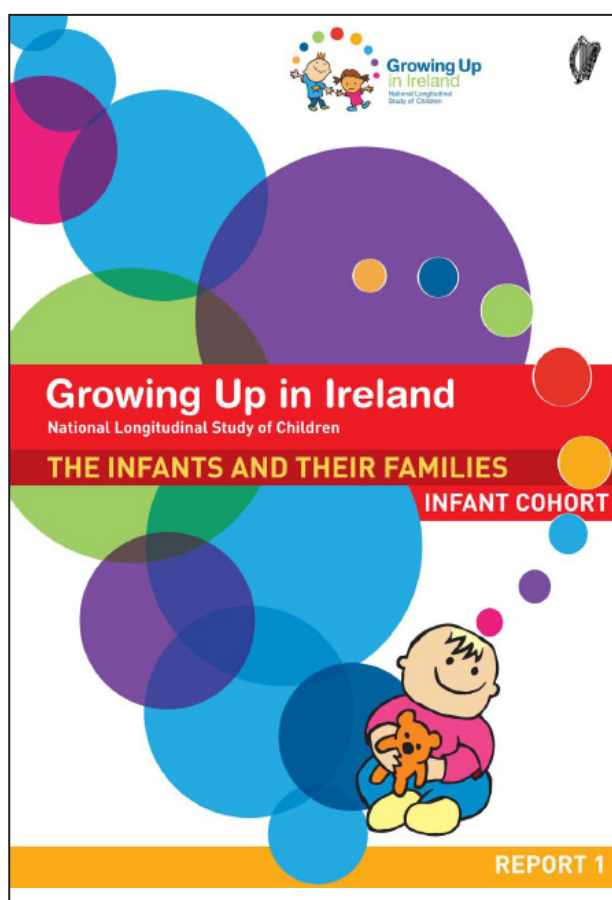
“When Economics Meets Psychophysics”, Festschrift in honour of Michael J. Morgan, Wellcome Trust, London, August, **Pete Lunn**.

“Work-life Conflict in Ireland: A Comparative Perspective”, European Sociological Association Conference ‘Gender Relations in the Labour Market

& Welfare State’, Leicester, September, **Emma Calvert**, **Frances McGinnity**.

ESRI Seminars

“Parenting Styles and Discipline in Ireland: Parental Attitudes and Practices”, Ann Marie Halpenny, Dublin Institute of Technology, Elizabeth Nixon, Trinity College Dublin, **Dorothy Watson**, ESRI.



TAXATION, WELFARE AND PENSIONS

Research in 2010 focused on a number of key areas for the tax and welfare response to the current economic crisis, including property taxation, the universal social charge and the distributive impact of policy responses to the crisis. The *SWITCH* tax-benefit model was used extensively to explore policy options and analyse policy choices. During the year the model was rebased to use information from the latest available CSO data (2008). The model was made available to the Departments of Finance and Social Protection, and training and support in model use was provided.

Key policy issues were examined in a number of publications, producing findings on the potential impact of possible changes to policy, and identifying the impacts of actual changes in policy. The potential role of a property tax was examined, paying particular attention to the issue of “ability to pay”, which is one of the main objections raised to the introduction of such a tax. Analysis using *SWITCH* showed that an income-related waiver could help to address this issue, while still generating substantial revenue. The distributional impact of tax, welfare and public sector pay policies since 2009 (*Budget 2009*) was also examined. Overall this response was found to be progressive i.e., policy imposed greater reductions in net income on higher income groups over the period. There were differences over the period: responses during the years 2009 and 2010 were, for the most part, strongly progressive. The distributive impact of the response in Budget 2011 was broadly proportional – similar percentage changes across the main income groups.

Research undertaken in this area helped to inform public debate on tax and welfare policy issues. The *SWITCH* model was used in the preparation of *Budget 2011*, with analyses from the model supplied as part of the *Budget 2011* documentation. In addition, the model was used in the ‘Review of Child Income Supports’ completed by an interdepartmental group in December 2010.

Work on the modelling of pension policies continued, under a programme co-funded by the **European Commission’s Directorate-General for Employment, Social Affairs and Equal Opportunities**. The work is being undertaken in collaboration with researchers at the National Institute of Economic and Social Research (NIESR). The aim of the project is to adapt and calibrate the model developed at NIESR in order to analyse policy issues in an Irish context.

A new project, updating the integrated network of tax-benefit models known as EUROMOD, was initiated, funded by the **European Commission’s Directorate-General for Employment, Social Affairs and Equal Opportunities**. The skills of the Irish team are being used to allow a streamlined model of the Irish tax-benefit system to be constructed using data released by Eurostat from EU-SILC. This will allow comparative work on tax and welfare issues to be undertaken by Irish and international researchers.



Joe Durkan (University College Dublin), Frances Ruane (Director) and Jim O’Leary (N.U.I. Maynooth) at the ESRI/FFS *Budget Perspectives 2010* Conference, 12 October 2010.

TAXATION, WELFARE AND PENSIONS (continued)

Programme Coordinator: Tim Callan

Other members of staff who work in this area include: Claire Keane, Seán Lyons, Richard S.J. Tol, John R. Walsh. Work was also undertaken in collaboration with Research Affiliates Justin van de Ven (National Institute of Economic and Social Research), Olivier Bargain (UCD).

Project Title	Client/Funding Agency	Status	Researchers
<p><i>SWITCH</i> Research Programme on Tax and Welfare</p> <p>(i) Rebasing of Model Using SILC 2008</p> <p>(ii) Model Maintenance and Development</p> <p>(iii) Training and Support for Departmental Users of Model</p>	Department of Social Protection; Department of Finance; ESRI Grant-in-aid	Completed	T. Callan C. Keane M. Lane J. R. Walsh
<p>EUROMOD - <i>Microsimulation tool for modeling the impact of policy measures</i> (EUROMOD update)</p>	European Commission; DG Employment; Social Affairs & Inclusion	In progress	T. Callan C. Keane E. Kelly M. Lane
<p>Modelling Pension Reforms: Building from UK Experience to Irish Policy Analysis</p>	European Commission; DG Employment; Social Affairs & Inclusion; Department of Social Protection	In progress	T. Callan C. Keane J. R. Walsh J. Van de Ven (NIESR)
<p>Learning from Ireland's SSIA Experience</p>	Foundation for Fiscal Studies; ESRI Grant-in-aid	In progress	T. Callan C. Keane

TAXATION, WELFARE AND PENSIONS (continued)

Journal Articles

“Tax-Benefit-Revealed Redistributive Preferences Over Time: Ireland 1987-2005”, *Labour*, Vol. 24, Issue Supplement s1, December 2010, pp. 141-167, Olivier Bargain, **Claire Keane**.

“What Role for Property Taxes in Ireland?”, *The Economic and Social Review*, Vol. 41, No. 1, Spring 2010, pp. 87-107, **Tim Callan, Claire Keane, John R. Walsh**.

“Inequality and the Crisis: The Distributional Impact of Tax Increases and Welfare and Public Sector Pay Cuts”, *The Economic and Social Review*, Vol. 41, No. 4, Winter 2010, pp. 461-471, **Tim Callan, Brian Nolan, Claire Keane, John R. Walsh**.

Reports and Other Publications

Budget Perspectives 2011, ESRI Research Series No. 18, ESRI, Dublin, **Tim Callan (ed.)**.

Chapters in Books and Reports

“Restructuring Taxes, Levies and Social Insurance: What Role for Universal Social Charge?”, T. Callan (ed.), *Budget Perspectives 2011*, pp. 65-82, **Tim Callan, Brian Nolan, Claire Keane, John R. Walsh, Marguerita Lane**.

ESRI Research Bulletins

“Base-Broadening Tax Reforms”, ESRI Research Bulletin No. 2010/2/4, ESRI, Dublin, **Tim Callan, Claire Keane, John R. Walsh**.

ESRI Working Papers

WP366: “The Distributional Effects of Value Added Tax in Ireland”, **Eimear Leahy, Seán Lyons, Richard S. J. Tol**.

WP359: “From Data to Policy Analysis: Tax-Benefit Modelling using SILC 2008”, **Tim Callan, Claire Keane, John R. Walsh, Marguerita Lane**.

WP352: “Designing a Property Tax without Property Values: Analysis in the Case of Ireland”, **Karen Mayor, Seán Lyons, Richard S. J. Tol**.

WP344: “The Economic Crisis, Public Sector Pay, and the Income Distribution”, **Tim Callan, Brian Nolan, John R. Walsh**.

Presentations/Papers Read to Conferences and Learned Societies

“EU-SILC as a EUROMOD data source: The Irish Experience”, EUROMOD update Annual Meeting, Essex, **Elish Kelly, Marguerita Lane**.

“From Data to Policy Analysis: Tax-Benefit Modelling using SILC 2008”, Statistical and Social Inquiry Society of Ireland, September, **Tim Callan, Claire Keane, John R. Walsh, Marguerita Lane**.

“Modelling Pension Policy Options: A Dynamic Cohort Simulation Model for Ireland”, DG Employment, Social Affairs & Inclusion, 2nd Technical Meeting on the Use of Administrative Data and Modelling Techniques in the Monitoring of Pensions Systems, Madrid, March, **Tim Callan**.

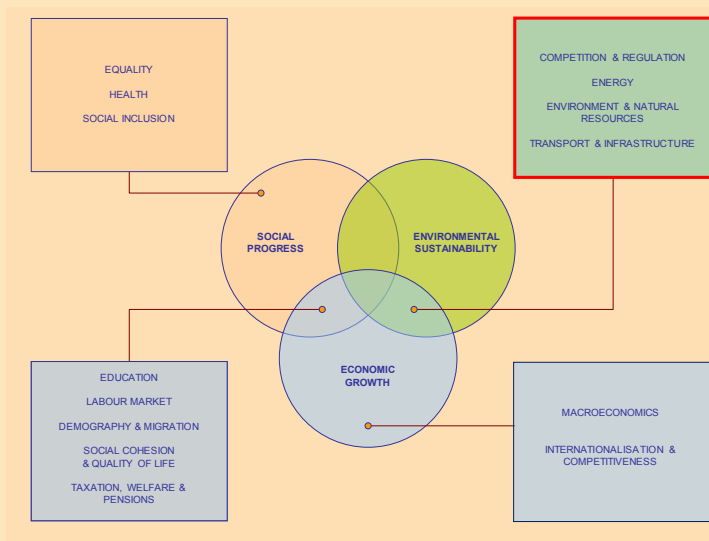
“Restructuring Taxes: What Role For A Universal Social Charge?”, ‘Budget Perspectives’ Conference, Dublin, October, **Tim Callan, Brian Nolan, Claire Keane, John R. Walsh**.

“The Economic Crisis, Public Sector Pay and Income Distribution”, ‘Economic Crisis, Rising Unemployment and Policy Responses: What Does It Mean for the Income Distribution?’, OECD, IZA, Paris, February, **Tim Callan, Brian Nolan, John R. Walsh**.

ESRI Seminars

“The Property Tax: Why, How, Who Pays?”, **Tim Callan and Richard S. J. Tol**, ESRI.

Economic Growth and Environmental Sustainability



The four programmes of research are:

- **Energy**
(coordinated by Professor John FitzGerald)
- **Environment and Natural Resources**
(coordinated by Professor John FitzGerald)
- **Transport and Infrastructure**
(coordinated by Dr Edgar Morgenroth)
- **Competition and Regulation**
(coordinated by Paul K. Gorecki)

ENERGY

A major feature of the work of the *Energy Policy Research Centre* (EPRC) has been the development of key research infrastructure in the form of economic models for research. These models are used as the basic tool in much of the work undertaken by the EPRC. Research during 2010 explored a wide range of issues.

In relation to energy demand, micro data from the *Census of Industrial Production* has been used to estimate elasticities of substitution between the inputs (capital, labour, energy) of manufacturing firms with the aim of assessing the response of manufacturing sector firms' energy use to changing prices and activity levels. This work helps assess the sectoral demand for fuels and will look in the future at the implications of a carbon tax. Initial results should be available later in 2011.

Work commenced on modelling the effects of increased investment in renewable electricity on investment incentives for other forms of generation. Related to this, work on the economic

implication of options to replace Moneypoint in 2025 is also under way. Related work has examined the REFIT scheme.

Other research looked at the determinants of electricity prices in Ireland and Great Britain, focusing on the extent to which they reflected long-run marginal cost and the appropriateness of retail prices in the different markets.

The ESRI worked with SEAI and other bodies in preparing official energy projections in the Autumn of 2010. The ESRI produced independent forecasts in relation to energy and the environment for the *Energy and Environment Review*. The *ISus* model has been developed to include a sub model of car ownership and utilisation, which represents a significant advance on the model used heretofore for forecasting energy demand. This revised model will be available for use in the Autumn 2011 forecasting process.

Economic Growth and Environmental Sustainability

ENERGY (continued)

An energy model for Northern Ireland has been developed (*NiEMO*). This model can be used to forecast energy demand, including electricity demand, in Northern Ireland. It can also be used to examine the effects of some policy changes on the energy sector in Northern Ireland, in a similar manner to which the existing suite of models is used for Ireland. However, data and resource limitations mean that it is much less developed than *Idem-Hermes-ISus*.

Research also commenced on a review of the regulatory and related issues that are likely to arise as Ireland becomes part of the internal market in electricity through greater interconnection.

Work is under way (in collaboration with CER and assisted by ESB, BGÉ and others) on a major study of the costs and benefits of smart meters.

Programme Coordinator: John FitzGerald

Others who work in this area include: David Anthoff, Conor Devitt, Valeria di Cosmos, Seán Diffney, Paul K. Gorecki, Hugh Hennessy, Eimear Leahy, Seán Lyons, Laura Malaguzzi Valeri, Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Developing an Efficient Market for Electricity	ESRI Energy Policy Research Centre	In progress	J. FitzGerald L. Malaguzzi Valeri C. Devitt S. Lyons
Study of Future Fuel Diversity Options for the Irish Power System	ESRI Energy Policy Research Centre	In progress	J. FitzGerald L. Malaguzzi Valeri S. Diffney
Study on the Costs and Benefits of East-West Electricity Interconnection Between the Republic of Ireland and Great Britain Electricity Systems	ESRI Energy Policy Research Centre	Completed	L. Malaguzzi Valeri J. FitzGerald S. Diffney S. Lyons
The Development of a Strategic Energy Scenario Planning Model for Northern Ireland	Strategic Investment Board Ltd (SIB)	Completed	L. Malaguzzi-Valeri J. FitzGerald R. S. J. Tol S. Lyons C. Devitt H. Hennessy J. McLaughlin (Consultant)
The Value of Lost Load	ESB International	Completed	R.S. J. Tol J. FitzGerald S. Lyons L. Malaguzzi-Valeri E. Leahy

ENERGY (continued)

Project Title	Client/Funding Agency	Status	Researchers
Analysis Of The Impacts Of High Oil and Gas Prices	AP EnvEcon, NovaUCD	Completed	R. S. J. Tol A. Bergin

Journal Articles

“Energy Use and Appliance Ownership in Ireland”, *Energy Policy*, Vol. 38, Issue 8, August 2010, pp. 4265-4279, **Eimear Leahy, Seán Lyons**.

Reports and Other Publications

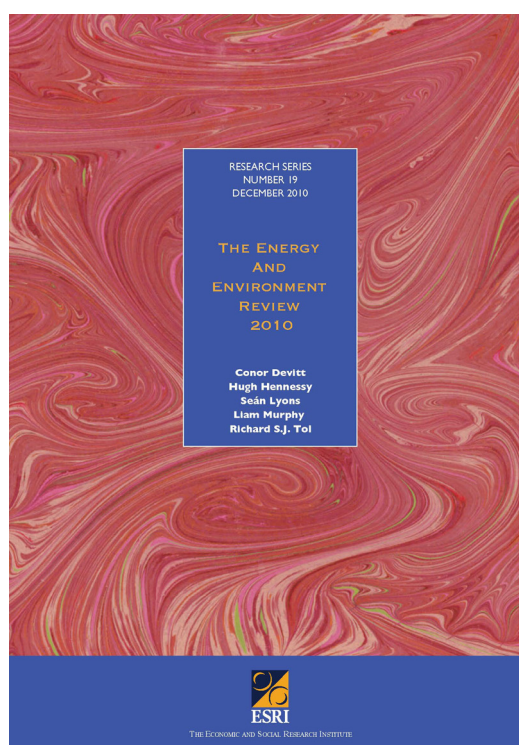
The Energy and Environment Review 2010, ESRI Research Series No. 19, ESRI, Dublin, **Conor Devitt, Hugh Hennessy, Seán Lyons, Liam Murphy, Richard S. J. Tol**.

ESRI Working Papers

WP357: “An Estimate of the Value of Lost Load for Ireland”, **Eimear Leahy, Richard S. J. Tol**.

Presentations/Papers Read to Conferences and Learned Societies

“The Economics of Wind Generation in Ireland”, Irish Wind Energy Association, Dublin, March, **John FitzGerald**.



ENVIRONMENT AND NATURAL RESOURCES

Research this year in environmental and resource economics focused on four areas:

- Extending and improving our forecasting model for emissions to air, water and solid waste (*ISus*);
- Adding additional categories to our environmental accounts, including more detail on solid waste emissions and a range of persistent organic pollutants;
- Examining corporate expenditures on environmental protection in Ireland; and
- Climate policy.

Significant work was carried out on the follow-on study to the development of the *ISus* sustainable development model for the **Environmental Protection Agency (EPA), Towards Green Net National Accounts**. Developments to the model included improved modelling of the private car stock and housing stock, estimation of direct household emissions for several substances and the regional decomposition of emission forecasts. Some work was also undertaken into valuation

of environmental emissions and integration of these valuations into the model. The set of environmental accounts was extended this year to include a range of persistent organic pollutants and a more detailed set of solid waste categories and dispositions. The model was used to prepare an *Energy and Environment Review for Ireland*, which was published in December 2010. Earlier in the year, a report on Irish Waste Policy was published.

Using the *Census of Industrial Production*, the first industry-wide examination of Irish firms' expenditures on environmental protection was carried out, including both current and capital spending. Using the same dataset, work was undertaken on how energy inputs relate to industrial companies' productivity in Ireland. In the climate policy area, a diverse set of research questions were addressed, including further work on the determinants of vegetarianism in the UK and Ireland, a method for estimating historical landfill quantities when modelling methane emissions and the potential effects of climate change on civil conflict.

Programme Coordinator: John FitzGerald

Other members of staff who work in this area include David Anthoff, Conor Devitt, Paul K. Gorecki, Stefanie Haller, Hugh Hennessy, Marie Hyland, Eimear Leahy, Seán Lyons, Laura Malaguzzi Valeri, Liam Murphy, Edgar Morgenroth and Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Climate Cost	European Commission, DG Research and Innovation, FP7	In progress	R. S. J. Tol D. Anthoff
Energy Use in Irish Freight Transport	ESRI Energy Policy Research Centre	Completed	L. Malaguzzi Valeri
"Irish Times"	Environmental Protection Agency	In progress	R. S. J. Tol UCC (subcontracted)

ENVIRONMENT AND NATURAL RESOURCES (continued)

Project Title	Client/Funding Agency	Status	Researchers
Towards a Green Net National Product for Ireland	Environmental Protection Agency	In progress	R. S. J. Tol S. Lyons H. Hennessy E. Leahy
FUND Social Cost of Carbon Modelling	US Environmental Protection Agency (subcontracted to Stratus Consulting Inc)	In progress	R. S. J. Tol
Security Implications of Climate Change	United States Environmental Protection Agency	Completed	R. S. J. Tol C. Devitt J. Goggin E. O'Donoghue
Social Cost of Carbon	United States Environmental Protection Agency	In progress	R. S. J. Tol D. Anthoff
The Economics of Climate Change in the Pacific	Asian Development Bank	In progress	R. S. J. Tol D. Anthoff

Journal Articles

"Assessing Risk of, and Adaptation to, Sea-level Rise in the European Union: an Application of DIVA", *Mitigation and Adaptation Strategies for Global Change*, Vol. 15, No. 7, October 2010, pp. 703-719, Jochen Hinkel, Robert J. Nicholls, Athanasios T. Vafeidis, **Richard S. J. Tol**, Thaleia Avagianou.

"Climate Change and Violent Conflict in Europe Over the Last Millennium", *Climatic Change*, Vol. 99, Nos. 1 & 2, March 2010, pp. 65-79, **Richard S. J. Tol**, Sebastian Wagner.

"Counting Only the Hits? The Risk of Underestimating the Costs of Stringent Climate Policy", *Climatic Change*, Vol. 100, Nos. 3-4, June 2010, pp. 769-778, Massimo Tavoni, **Richard S. J. Tol**.

"Determinants of Water Connection Type and Ownership of Water-Using Appliances in Ireland", *Water Resources Management*, Vol. 24, No. 12, 2010, pp. 2853-2867, **Seán Lyons, Joe O'Doherty, Richard S. J. Tol**.

"Economic Costs of Extratropical Storms Under Climate Change: An Application of Fund", *Journal of Environmental Planning and Management*, Vol. 53, No. 3, April 2010, pp. 371-384, Narita Daiju, **Richard S. J. Tol, David Anthoff**.

"Estimating Historical Land Fill Quantities to Predict Methane Emissions", *Atmospheric Environment*, Vol. 44, Issue 32, October 2010, pp. 3901-3906, **Seán Lyons, Liam Murphy, Richard S. J. Tol**.

ENVIRONMENT AND NATURAL RESOURCES (continued)

“Government Failure and Market Failure: On the Inefficiency of Environmental and Energy Policy”, *Oxford Review of Economic Policy*, Vol. 26, No. 2, 2010, pp. 197-224, **David Anthoff**, Robert Hahn.

“International Inequity Aversion and the Social Cost of Carbon”, *Climate Change Economics*, Vol. 1, No. 1, 2010, pp. 21-32, **Richard S. J. Tol**.

“On International Equity Weights and National Decision Making on Climate Change”, *Journal of Environmental Economics and Management*, Vol. 60, No. 1, July 2010, pp. 14-20, **David Anthoff**, **Richard S. J. Tol**.

“Scenarios of Carbon Dioxide Emissions from Aviation”, *Global Environmental Change*, Vol. 20, No. 1, February 2010, pp. 65-73, **Karen Mayor**, **Richard S. J. Tol**.

“Sea-Level Rise and Its Possible Impacts given a ‘Beyond 4°C World’ in the Twenty-first Century”, *Philosophical Transactions of the Royal Society A*, Vol. 369, No. 1934, 2011, pp. 161-181, Robert J. Nicholls, Natasha Marinova, Jason A. Lowe, Sally Brown, Pier Vellinga, Diogo de Gusmão, Jochen Hinkel, **Richard S. J. Tol**.

“The Economic Impact of Climate Change”, *Perspektiven der Wirtschaftspolitik*, Vol. 11, Issue s1, May 2010, pp. 13-37, **Richard S. J. Tol**.

“The Economic Impact of More Sustainable Water Use in Agriculture: A Computable General Equilibrium Analysis”, *Journal of Hydrology*, Vol. 384, Issue 3 & 4, 2010, pp. 292-305, Alvaro Calzadilla, Katrin Rehdanz, **Richard S. J. Tol**.

“The Economic Impact of Substantial Sea-Level Rise”, *Mitigation and Adaptation Strategies for Global Change*, Vol. 15, No. 4, April 2010, pp. 321-335, **David Anthoff**, Robert J. Nicholls, **Richard S. J. Tol**.

“The Impact of European Climate Change Regulations on International Tourist Markets”, *Transportation Research, Part D: Transport and*

Environment, Vol. 15, Issue 1, 2010, pp. 26-36, **Karen Mayor**, **Richard S. J. Tol**.

“The Impact of Weather Variability and Climate Change on Pesticides Application in the US: An Empirical Investigation”, *International Journal of Ecological Economics & Statistics*, Vol. 18, No. S10, Summer 2010, pp. 64-81, Nikolinka Koleva, Uwe A. Schneider, **Richard S. J. Tol**.

“The Inappropriate Treatment of Climate Change in Copenhagen Consensus 2008”, *Climate Change Economics*, Vol. 1, No. 2, 2010, pp. 135-140, Geoffrey J. Blanford, Richard G. Richels, **Richard S. J. Tol**, Gary W. Yohe.

Reports and Other Publications

An Economic Approach to Municipal Waste Management Policy in Ireland, ESRI Survey and Statistical Report Series No. 30, Report prepared for Dublin City Council and published by the ESRI, Dublin, **Paul K. Gorecki**, **Jean Acheson**, **Seán Lyons**.

Ireland’s Sustainable Development Model: EPA STRIVE Programme 2007–2013, STRIVE Report Series No. 47, EPA, Wexford, **Seán Lyons**, **Richard S. J. Tol**.

Chapters in Books and Reports

“The Impact of Climate Change and Its Policy Implications”, A. Moran (ed.), *Climate Change: The Facts*, **Richard S. J. Tol**.

ESRI Research Bulletins

“The ESRI Environmental Accounts”, ESRI Research Bulletin No. 2010/1/4, ESRI, Dublin, **Seán Lyons**, **Richard S. J. Tol**.

ESRI Working Papers

WP360: “Determinants of Vegetarianism and Partial Vegetarianism in the United Kingdom”, **Eimear Leahy**, **Seán Lyons**, **Richard S. J. Tol**.

WP351: “Civil War, Climate Change and Development: A Scenario Study for Sub-Saharan Africa”, **Conor Devitt**, **Richard S. J. Tol**.

ENVIRONMENT AND NATURAL RESOURCES (continued)

WP350: “Regulating Knowledge Monopolies: The Case of the IPCC”, **Richard S. J. Tol**.

WP348: “Climate Policy under Fat-Tailed Risk: An Application of FUND”, **Richard S. J. Tol, David Anthoff**.

WP347: “Corporate Expenditure on Environmental Protection”, **Stefanie Haller, Liam Murphy**.

WP341: “National Determinants of Vegetarianism”, **Eimear Leahy, Seán Lyons, Richard S. J. Tol**.

WP340: “An Estimate of the Number of Vegetarians in the World”, **Eimear Leahy, Seán Lyons, Richard S. J. Tol**.

Presentations/Papers Read to Conferences and Learned Societies

“A Computational Theory of Exchange: Willingness to Pay, Willingness to Accept and the Endowment Effect”, Royal Economic Society 2010 Annual Conference, University of Surrey, Guildford, United Kingdom, March, **Pete Lunn**.

“Carbon Tax and Irish Macroeconomic Management”, European Environment Agency (EEA) Environmental Tax Reform Conference, Dublin, October, **Seán Lyons, Thomas Conefrey**.

“Corporate Expenditure on Environmental Protection”, Irish Economic Association Conference, Belfast, April, **Liam Murphy**.

“Hedonic Valuation of Coast and Beaches in Ireland”, 2nd Annual Beaufort Marine Socio-Economic Workshop, NUIG, November, **Seán Lyons**.

“Optimal Global Dynamic Carbon Taxation”, presented at SURED 2010, Monte Verità Conference on ‘Sustainable Resource Use and Economic Dynamics’, Ascona, Switzerland; at the Workshop on ‘Climate Change and Distribution’,

ESOP, Oslo, Norway, and at the Fourth World Congress of Environmental and Resource Economists, June, **David Anthoff**.

“The Spatial Incidence of a Carbon Tax in Ireland”, Regional Studies Annual Winter Conference, London, November, **Edgar Morgenroth**.

“Weight-Based Charging For Waste: The Irish Experience”, European Environment Agency (EEA) Environmental Tax Reform Conference, Dublin, October, **Dorothy Watson, Sue Scott**.

“What Can I Get For It: A Theoretical and Empirical Re-analysis of the Endowment Effect”, presented at the International Association of Researchers in Economic Psychology, Cologne, Germany, September, and at the Irish Economic Psychology Conference, UCD, Dublin, November, **Pete Lunn**.

“What Should Replace Moneypoint?”, Royal Irish Academy Conference on Carbon Capture and Storage, Dublin, March, **Richard S. J. Tol**.

ESRI Seminars

“Is there an Environmental Benefit to being an Exporter?”, Svetlana Batrakova, University College Dublin.



Seán Lyons and Matt Crowe (EPA) at the Seminar “Environmental Policy and Projections for Ireland”, 18 February 2010.

TRANSPORT AND INFRASTRUCTURE

Transport and infrastructure research in 2010 analysed a range of issues, including the determinants of commuting behaviour, the scale and impact of infrastructure investments and some management issues.

Research in relation to commuting explored issues around car ownership and mode choice, including the determinants of household car ownership over the period 1995 to 2001. This analysis showed that income and previous car ownership were the strongest determinants. The joint car ownership/mode choice decision was found to depend significantly on the availability of rail, the home-work locations, travel costs, and individual characteristics.

Models of the car stock, its composition and use were developed and used for the analysis of changes to the taxation regime pertaining to car purchases, ownership and fuel. Research showed that the reform of the vehicle registration and motor tax regime has led to a dramatic shift from petrol to diesel cars. The tax burden has shifted from car ownership to car use, but the overall tax burden on private car transport has fallen. Consequently, the implications for the exchequer are that the changed regime has resulted in a considerable loss of revenue. Furthermore, the cost of avoided carbon dioxide is relatively high.

Analysis of 'Metro North' applying two alternative methods to the conventional cost-benefit analysis found these methods to yield conflicting results regarding the net benefit of going ahead with this project. This analysis highlights the need for further study of this project.

Research constructing regional government accounts for the first time computed regional gross fixed capital formation by broad investment type. This showed that while Dublin receives a significant proportion of public infrastructure investment, in per capita terms the level of investment is not disproportional.

Other research explored the history of the LUAS project, the reasons for not connecting the two lines and the feasibility of alternative links between the lines, as well as progress on integrated ticketing (highlighting the exceptionally long delay in introducing integrated ticketing). Finally, an analysis of the cuts to the public capital programme showed that not only were the cuts very significant, but that the cuts appear to have been differentiated broadly on the basis of potential economic impacts of the expenditure.



TRANSPORT AND INFRASTRUCTURE (continued)

Programme Coordinator: Edgar Morgenroth

Other members of staff who work in this area include: Nicola Commins, Hugh Hennessy, Seán Lyons, Laura Malaguzzi Valeri, Karen Mayor, Anne Nolan, and Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Energy Use in Irish Freight Transport	ESRI Energy Policy Research Centre	Completed	L. Malaguzzi Valeri

Journal Articles

“A Dynamic Analysis of Household Car Ownership”, *Transportation Research Part A: Policy and Practice*, Vol. 44, Issue 6, July 2010, pp. 446-455, **Anne Nolan**.

“Car Ownership and Mode of Transport to Work in Ireland”, *The Economic and Social Review*, Vol. 41, No. 1, Spring 2010, pp. 43-75, **Nicola Commins, Anne Nolan**.

“Estimating the Impact of Metro-North”, Deiric Ó Broin and David Jacobson (eds.), *Local Dublin Global Dublin: Public Policy in an Evolving City Region*, **Edgar Morgenroth**.

ESRI Research Bulletins

“Commuting Behaviour and Car Ownership in Ireland”, ESRI Research Bulletin No. 2010/3/4, ESRI, Dublin, **Anne Nolan**.

ESRI Working Papers

WP349: “The Impact of Tax Reform on New Car Purchases in Ireland”, **Hugh Hennessy, Richard S. J. Tol**.

WP342: “The Impact of Climate Policy on Private Car Ownership in Ireland”, **Hugh Hennessy, Richard S. J. Tol**.

Presentations/Papers Read to Conferences and Learned Societies

“Assessing the Impact of Infrastructure Investment”, Infrastructure Investment Post Budget Seminar, Belfast, November, **Edgar Morgenroth**.

“The Impact of Tax Reform on New Car Purchases in Ireland”, Young Energy Economists and Engineers Society, Trinity College Dublin, November, **Hugh Hennessy**.

“The Prospects for Infrastructure Development”, Society of Chartered Surveyors Annual Conference, Dublin, October, **Edgar Morgenroth**.

COMPETITION AND REGULATION

Research on competition and regulation concentrates on energy, the environment and electronic communications, with attention also being paid to a number of cross-sectoral issues such as the governance of regulators and the sale of state assets.

The impact and implications of the move towards the creation of an internal European Union electricity market is being studied, building on the extensive research conducted at the Institute in this area. A submission was made in response to the Commission for Energy Regulation's *Proposals on a Roadmap for Deregulation* of price control of retail electricity.

In relation to the environment, *An Economic Approach to Municipal Waste Management Policy in Ireland* was published early in 2010, report prepared for Dublin City Council. Building on the research underlying this publication, a submission was prepared in response to the Department of the Environment, Heritage and Local Government's Draft Statement of Waste Policy.

During 2010 funding for a programme of research in communications was secured. This will address four broad research topics:

1. Modelling the market for broadband services;
2. Economic and social aspects of broadband availability and adoption;
3. Effects of electronic communications services on company performance;
4. Implications of behavioural economics for economic regulation and consumer protection.

Research was completed on the timing and determinants of local residential broadband adoption in Ireland and on the effects of computer and internet use on educational outcomes of primary school children. Work was also completed on a report for the UK Communications Consumer

Panel on behavioural economics and vulnerable consumers.

In terms of issues that cut across regulated sectors, a paper was prepared on the October 2009 *Government Statement on Economic Regulation*, which marks a significant change in the governance of the regulators in energy, transport, telecommunications and aviation. In contrast to some jurisdictions, state-owned assets are still of substantial importance in Ireland. A submission was made to the Review Group of State Assets and Liabilities as to appropriate public policy towards the sale of such assets in troubled economic times.

Finally, research continued to monitor the economic analysis presented in Irish court decisions in competition cases, including a study of the Panda Waste case in which the High Court concluded that the practice of using competitive tendering as the model to collect household waste was a breach of competition law.

COMPETITION AND REGULATION (continued)

Programme Coordinator: Paul K. Gorecki

Other members of staff who work in the area include: John FitzGerald, Stefanie Haller, Hugh Hennessy, Pete Lunn, Seán Lyons, Laura Malaguzzi Valeri, and Richard S. J. Tol.

Project Title	Client/Funding Agency	Status	Researchers
Behavioural Economics and Vulnerable Consumers	Communications Consumer Panel (UK)	Completed	P. Lunn S. Lyons
Programme of Research in Communications: 1) Modelling the market for broadband services 2) Economic and social aspects of broadband availability and adoption 3) Effects of electronic communications services on company performance 4) Implications of behavioural economics for economic regulation and consumer protection	Department of the Environment, Heritage and Local Government; Department of Communications, Energy and Natural Resources	In progress	S. Lyons S. Haller P. Lunn H. Hennessy

Journal Articles

“Competition Law and Consumer Protection – The Debate is No Longer about Whether these Two Should be Integrated, the Question Now is How”, *European Competition Journal*, Vol. 6, No. 1, April 2010, pp. 5-45, **Paul K. Gorecki** (Discussant), Cavenish Elithorn (Discussant), Melanie Aitken (Discussant).

“Do You Believe in Magic? Improving the Quality of Pharmacy Services Through Restricting Entry and Aspirational Contracts, the Irish Experience”, *European Journal of Health Economics*, **Paul K. Gorecki**.

“EU Climate Change Policy 2013-2020: Using the Clean Development Mechanism More Effectively in the Non-ETS Sector”, *Energy Policy*, Vol. 38, Issue 11, November 2010, pp. 7466-7475, **Paul K. Gorecki, Seán Lyons, Richard S. J. Tol**.

“Measuring the Effects of Mobile Number Portability on Service Prices”, *Journal of Telecommunications Management*, Vol. 2, No. 4, 2010, pp. 357-368, **Seán Lyons**.

“The Use by Irish Courts of EU Jurisprudence to Resolve Conflicts Between National Competition Law and Regulation: Panda Waste”, *European Competition Journal*, Vol. 6, No. 3, December 2010, pp. 541-573, **Paul K. Gorecki**, Philip Andrews.

COMPETITION AND REGULATION (continued)

Reports and Other Publications

Behavioural Economics and “Vulnerable Consumers”: A Summary of Evidence, Communications Consumer Panel UK, London, **Pete Lunn, Seán Lyons**.

ESRI Research Bulletins

“Is a Code of Practice Needed for the Grocery Trade?”, ESRI Research Bulletin No. 2010/1/2, ESRI, Dublin, **Paul K. Gorecki**.

“Providing Quality Pharmacy Services: Good Intentions are Not Enough”, ESRI Research Bulletin No. 2010/3/5, ESRI, Dublin, **Paul K. Gorecki**.

ESRI Working Papers

WP361: “Timing and Determinants of Local Residential Broadband Adoption: Evidence from Ireland”, **Seán Lyons**.

WP356: “Public Policy Towards the Sale of State Assets in Troubled Times: Lessons from the Irish Experience”, **Paul K. Gorecki, Seán Lyons, Richard S. J. Tol**.

WP353: “Market Regulation and Competition; Law in Conflict: A View from Ireland, Implications of the Panda Judgment”, Philip Andrews, **Paul K. Gorecki**.

WP343: “Estimating the Impact of Access Conditions on Service Quality in Post”, Gregory Swinand, Conor O’Toole, **Seán Lyons**.

Presentations/Papers Read to Conferences and Learned Societies

“Economic Regulation in Ireland: Recentralisation of Power or Improved Quality of Regulation”, Dublin Economic Workshop, 33rd Annual Economic Conference, Kenmare, October, **Paul K. Gorecki**.

“Home Computer Use and Academic Performance of 9-Year-Olds”, ‘The Applied Microeconometrics and Public Policy’ Workshop, NUI Galway, October, **Alice Casey**.

“Policymakers Perspective: Chicago School or Not?”, ‘UK Competition Policy and the Public Interest’, Canada House, London, June, **Paul K. Gorecki**.

“The Panda Waste Case”, Irish Society of European Lawyers, Blackhall Place, Dublin, April, **Paul K. Gorecki**.

“Timing and Determinants of Local Residential Broadband Adoption”, International Telecommunications Society European Conference, Copenhagen, September, **Seán Lyons**.

ESRI Seminars

“Non-discrimination Clauses in the Retail Energy Sector”, Catherine Waddams, University of East Anglia.



Surveys and Data from Administrative Records

COMMISSIONED NATIONAL STUDY OF CHILDREN

Project Title	Client/Funding Agency	Project Team	
The National Longitudinal Study of Children in Ireland (NLSCI) – Growing Up in Ireland research programme	Department of Health and Children through the Office of the Minister for Children in association with the Department of Social Protection and the Central Statistics Office	F. Burke C. Delaney E. Doyle (TCD) D. Frawley J. Gleeson S. Greene (TCD) J. Heffernan (TCD) A. Murphy A. Murray	C. McCrory R. McDaid (TCD) S. McNally (TCD) P. Needham A. Quail E. Ryan M. Thornton J. Williams

During 2010, work continued on the major seven-year research programme involving a national longitudinal study of children – the **Growing Up in Ireland** study. This programme is being led jointly by the ESRI and Trinity College, Dublin in collaboration with a consortium of researchers from other national and international universities and research institutions.

Following a Pilot and Dress Rehearsal, the main fieldwork for the Infant Cohort (at 3 years) began in December. The families of the 11,000 children who were interviewed when the infants were nine months will be surveyed.

Pilot work was also carried out with the 8,500 children in the older cohort who, with their families, were initially interviewed when they were 9 years of age. These children and their families will be re-interviewed at 13 years of age in 2011.

Data from the 9-year cohort were made available in the Irish Social Science Data Archive (ISSDA)¹ in May. This allows researchers to access anonymised data from the first round of interviews with the older cohort. Data workshops on the archived data were held through the Summer and Autumn.

The second annual **Growing Up in Ireland** research conference was held in November, with a Keynote address from Professor Anne Sanson, Professor in Paediatrics at the University of Melbourne and the

Network Coordinator for the *Australian Research Alliance for Children and Youth* (ARACY). The first results from the Infant Cohort were launched at the conference by the Minister for Children and Youth Affairs, Mr Barry Andrews, T.D.

The **Growing Up in Ireland** study is funded by the **Department of Health and Children** through the **Office of the Minister for Children and Youth Affairs** in association with the **Department of Social Protection** and the **Central Statistics Office**.



(L to R) Mary Doyle (Department of Children and Youth Affairs (DCYA)); Satya Brink (Director of National Learning Policy Research with Human Resources and Social Development Canada (HRSDC); Frances Ruane (Director); Barry Andrews (former Minister for Children and Youth Affairs); James Williams (Co-Director, *Growing Up in Ireland*); Sheila Greene (Co-Director, *Growing Up in Ireland*); Ann Sanson (Professor in Paediatrics at the University of Melbourne) at the NLSCI Research Conference in November 2010.

¹ <http://www.ucd.ie/issda/data/growingupinireland/>

Surveys and Data from Administrative Records

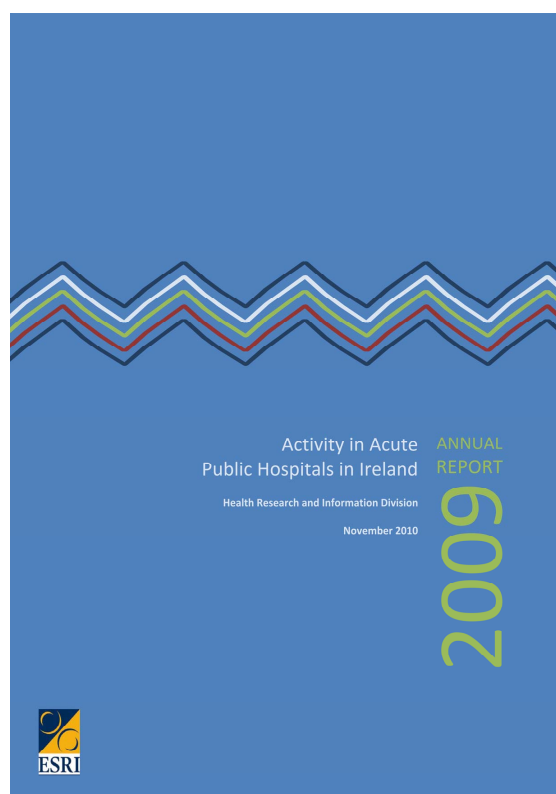
The Health Service Executive funds the ESRI to manage and develop two national data bases collecting health information from administrative records. During 2010 reports on the Hospital In-Patient Enquiry (HIPE) and the National Perinatal Information System (NPRS) were published and can be accessed on the ESRI website (www.esri.ie). These annual reports provide easily accessible and timely data for individuals or organisations with an interest in perinatal statistics and hospital discharge data. The HIPE Data Reporter facilitates direct access to HIPE data via the internet.

The clinical coding training programmes delivered during the year provided training to over 500 participants. Distance training using a WebEx facility was introduced to enable increased attendance at these courses and reduce travel time and the associated expense. WebEx and face to face training was also provided to over 300 participants for the new HIPE Portal. The HIPE Portal is a customised web based software package developed, maintained and supported by the Health Research & Information Division (HRID) for data entry and reporting of HIPE data in participating hospitals.

There was extensive engagement and collaboration with some of the HSE clinical care teams who are planning to use the HIPE and NPRS systems within the respective programmes. Training in the HIPE system, and particularly clinical coding and data analysis are provided to these teams on request.

Presentations on data collected by the HIPE system were delivered at a number of conferences throughout the year. The ESRI conference on 'The Irish Healthcare System: Resource Allocation, Financing and Sustainability' involved a number of presentations from researchers who had been involved in the preparation of the two evidence volumes which were published in association with the Report of the Expert Group on *Resource Allocation and Financing in the Health Sector*. Presentations were also delivered at the Nordic DRG Conference and the International Society for Quality in Health Care (ISQUA) conference in Paris where there was a presentation and poster

presentation on HIPE data quality. For the Patient Classification System International conference in Munich there was a review of developments with the use of the ICD-10-AM and AR-DRG systems in Ireland while the presentation at the International Federation of Health Records Organisations (IFHRO) congress reported on a project undertaken to assess the potential for accreditation of the ESRI's clinical coding training programmes.



Surveys and Data from Administrative Records

COMMISSIONED NATIONAL HEALTH DATA PROGRAMMES

Project Title	Client/Funding Agency	Project Team	
Hospital In-Patient Enquiry (HIPE)	Health Service Executive	A. Brick J. Curley P. Dunne E. Feeney M. Glynn J. Hunter R. Joyce C. Keegan S. Kenny B. McCarthy S. McDermott	M. McKenna J. Malone A. Mulligan D. Murphy C. O'Donovan S. O'Hara J. O'Reilly E. Sexton S. Smyth M. M. Wiley
National Perinatal Reporting System (NPRS)	Health Service Executive	S. Bonham C. Glennon	A. Lewandowska I. Sikora



Members of the Health Research & Information Division at the Casemix Seminar – March 2010.

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- (v) Evaluator of Estonian Science Foundation (ESF) research grant application.

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- (vii) Council Member, Foundation for Fiscal Studies.
- (viii) Member, Royal Irish Academy
- (ix) Member, Higher Education Authority.
- (x) Member, Health Research Board.
- (xi) Member, Council of Economic Advisors to the First Minister of Scotland.

- (xii) Member, Economic Advisory Group, Department of Enterprise, Trade and Industry, Northern Ireland.
- (xiii) Member, National Pensions Reserve Fund Commission.
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- (xvi) Member, Research Prioritisation Project Steering Group
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