

# National Institute for Regional and Spatial Analysis

## *NIRSA*

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### Data Navigator Report for Ireland, 2002 (Prepared for ESPON Research Programme),

By

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**&**  
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Themes to be covered	Nomenclatures of the statistical series/ Geographic datasets/ Maps/ Databases (also including web-hosted providers)	Sources of the statistical series/ geographic datasets/ maps/ databases	Sources: Web site	periodicity / estimate / quality / gaps and anomalies	Administrative level (NUTS, regional aggregate of) / regional cover / Geographical scale / raster / grid / other formats	Reports where data were already analysed / Print / Electronic media (diskette, Cd-Rom)	Available cartography / symbolisation / schematic representations	Costs / copyright	Contacts and their responsibilities; full contact details
<b>1. Spatial typologies often used in reporting systems</b>									
Rural and peri-urban typology maps	Rural and peri-urban typology maps	National Institute for Regional and Spatial Analysis (NIRSA), NUI Maynooth, Maynooth, Co Kildare, Ireland	<a href="http://www.may.ie/nirsa">www.may.ie/nirsa</a>	Based upon the 1996 Central Statistics Office (CSO) Census of Population; will be updated using data from 2002 Census of Population	Irish Transverse Mercator Grid Level: NUTS 5 - DED Level	National Spatial Strategy Rural Urban analysis	MapInfo Tab Files in Vector format available on CD and Hardcopy Maps	Costs: Prices vary depending on the type of data required. Copyright: NIRSA, NUI Maynooth	Contact: Mary O'Brien Phone: +353-1-708 3350 Fax: +353-1-708 3753
<b>2. Population</b>									
Population classification	Categories: Population classified by Area, Ages and Marital Status, Household Composition and Family	Primary Source: Central Statistics Office, Ardee Road, Rathmines, Dublin 6, Ireland	<a href="http://www.cso.ie/principalstats/demog">www.cso.ie/principalstats/demog</a>	Census of Population Statistics held every 5 years	Format: Hardcopy & floppy disk Level: NUTS 2, 3 & NUTS 5		Costs: 1996 Census Volumes One to Nine - Euro 127.00 (Including disks)	E-Mail: <a href="mailto:info@cso.ie">info@cso.ie</a> Phone: +353 1 498 4000 Fax: +353 1 498 4229	

	Units, Usual Residence & Migration, Birthplaces, Principal Economic Status and Industries, Occupations, Education, Scientific and Technological Qualifications.						Copyright: Central Statistics Office (Contents may be quoted provided the source is given clearly and accurately)	
<b>Employment and Labour Market</b>								
Population numbers	Census	Primary Source: CSO, Demography & Labour Force, Ardee Road, Rathmines, Dublin 6, Ireland	<a href="http://www.cso.ie/principalstats/demog">www.cso.ie/principalstats/demog</a>	5 yearly; most recent Census conducted in 2002	Format: Hardcopy & floppy disk Level: NUTS 2, 3 & NUTS 5		Costs: 1996 Census Volume 5 'Principal Economic Status and Industries' and Volume 7 'Occupations' Euro12.70 each. Copyright: Central Statistics Office	E-Mail: census@cso.ie Phone: Ireland Lo call 1890 313 414 or Telephone +353 1 497 7144 Fax: + 353 1 497 2360
Employment	Quarterly National Household Survey began in 1997, it replaced the	CSO, Labour Market Statistics, Skehard Road, Cork Ireland	<a href="http://www.cso.ie/publications/labour/households">www.cso.ie/publications/labour/households</a>	4 times per year	Format: PDF Files Level: NUTS 3		Costs: PDF files may be downloaded free of charge Copyright:	Joe Tracey +353 21 453 5305 Nicola Tickner 353 21 453 5420 or Paul M. Crowley +353 21 453 5422

	annual April annual Labour Force Survey (LFS).						CSO (Contents may be quoted provided the source is given clearly and accurately)	E-Mail: information@cso.ie Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555
Live register analysis	The live register measures number of persons in receipt of unemployment benefit & includes part- time workers, seasonal and casual workers entitled to Unemployment Benefit or Assistance. The Quarterly Household Survey measures unemployment. The latest figures are for April 2002. Figures are categorised by age, gender and region.	Primary Source: CSO, Live Register Statistics, Skehard Road, Cork, Ireland	<a href="http://www.cso.ie/publications/labour/">www.cso.ie/publications/labour/</a>	4 times per year	Format: Hardcopy Level: NUTS 3		Costs: PDF File may be downloaded free of charge. Copyright: Central Statistics Office (Contents may be quoted provided the source is given clearly and accurately)	Contact: Michael Quinlan + 353 21 453 5301, Noel Ryan + 353 21 453 5491 or Kieran O'Shea + 353 21 453 5488 E-Mail: labour@cso.ie Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5491 Fax: + 353 21 453 5492

Participation of over 55's in labour force		Primary Source: CSO; Secondary source: Forfas, Wilton Park House, Wilton Place, Dublin 2, Ireland	<a href="http://www.forfas.ie">www.forfas.ie</a>		Format: PDF file Level: NUTS 2	LABOUR PARTICIPATION RATES OF THE OVER 55'S IN IRELAND REPORT (Dec 2001) (PDF)	Costs: PDF File may be downloaded free of charge. Copyright: Forfás	Contact: Press & Information contact - Bernie Moran E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: + 353 1 607 3134 Fax: +353 1 607 3287
<b>4. Wealth and production</b>								
Wealth	Regional GDP, Gross Value Added and Disposable Income estimates are available from the CSO Regional Accounts Section, Dublin.	Primary Source: CSO, Regional Accounts Section, Ardee Road, Rathmines, Dublin 6 Ireland Web Site: <a href="http://www.cso.ie">www.cso.ie</a> Go to Economy/Releases and then click on County Incomes & Regional GDP.	<a href="http://www.cso.ie">www.cso.ie</a>	Annual	Format: PDF files available for download from website Level: NUTS 3 and NUTS 4 (county Level).		Costs: PDF files may be downloaded free of charge Copyright: Central Statistics Office (Contents may be quoted provided the source is given clearly and accurately)	Contact: Michele Butler Tel +353 1 498 4370 or Seamus Grehan +353 1 498 4392 E-Mail: <a href="mailto:nat_acc@cso.ie">nat_acc@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 1 497 7144 Fax: + 353 1 497 2360
Production	The annual "Census of Industrial Production" contains details of the composition of Output (Commodities), Analyses by Size,	Primary Source: CSO, CIP Section, Skehard Road, Cork Ireland Web Site: <a href="http://eirestat.cso.ie/3_filelist.html">http://eirestat.cso.ie/3_filelist.html</a> <a href="http://www.cso.ie/principalstats/principalstats">www.cso.ie/principalstats/principalstats</a> to order	<a href="http://eirestat.cso.ie/3_filelist.html">http://eirestat.cso.ie/3_filelist.html</a>	Annual	Format: Excel files (National Summary) and Hard copy publication and PDF files. Level: NUTS 3 and NUTS 4 (county Level).		Costs: Excel and PDF files may be downloaded free of charge. The Census of Industrial Production hardcopy costs Euro	Contact: Elaine Lucey +353 21 4535503 or Gerry Brett +353 21 4535567 E-Mail: <a href="mailto:cip@cso.ie">cip@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555

	Nationality of Ownership, Grant-aided Status, and Region, etc. The earliest report refers to 1979, the most recent to 1999.	Hardcopy of Census of Industrial Production 1999 or download PDF files of Census of Industrial Production 1999.					19.05 including disks. Copyright: Central Statistics Office	
			<a href="http://www.cso.ie/principalstats/pri ncstats">www.cso.ie/principalstats/pri ncstats</a>					
<b>5. Enterprises and investment</b>								
International trade and investment	Primary Source: Forfás, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.forfas.ie">www.forfas.ie</a>	<a href="http://www.forfas.ie">www.forfas.ie</a>		Format: PDF file Level: National Statistics	INTERNATIONAL TRADE AND INVESTMENT REPORT 2001 (FEB. 2002)	Costs: PDF File may be downloaded free of charge. Copyright: Forfás	Contact: Press & Information contact - Bernie Moran E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: + 353 1 607 3134 Fax: +353 1 607 3287	
Broadband investment in Ireland: review of progress and key policy requirements	Primary Source: Forfás, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.forfas.ie">www.forfas.ie</a>	<a href="http://www.forfas.ie">www.forfas.ie</a>	1998, 2002	Format: PDF file Level: NUTS 2	BROADBAND INVESTMENT IN IRELAND: REVIEW OF PROGRESS AND KEY POLICY REQUIREMENTS (April 2002)	Costs: PDF File may be downloaded free of charge. Copyright: Forfás	Contact: Press & Information contact - Bernie Moran E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: + 353 1 607 3134 Fax: +353 1 607 3287	
Enterprise report 2010	Primary Source: Forfás, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.forfas.ie">www.forfas.ie</a>	<a href="http://www.forfas.ie">www.forfas.ie</a>		Format: PDF file Level: NUTS 2	ENTERPRISE REPORT 2010 – FORFÁS 2001 This report identifies the national goals for social and economic progress and outlines specific indicators through which progress towards these goals can be monitored.	Costs: PDF File may be downloaded free of charge. Copyright: Forfás	Contact: Press & Information contact - Bernie Moran E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: + 353 1 607 3134 Fax: +353 1 607 3287	

Enterprise	Forfas Annual Report	Primary Source: Forfás, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.forfás.ie">www.forfás.ie</a>	<a href="http://www.forfás.ie">www.forfás.ie</a>	Annual	Format: PDF file Level: NUTS 2	ANNUAL REPORT 2001 FORFAS	Costs: PDF File may be downloaded free of charge. Copyright: Forfás	Contact: Press & Information contact - Bernie Moran E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: + 353 1 607 3134 Fax: +353 1 607 3287
Productive sector	Operational Programmes	Primary Source: Dept of Enterprise, Trade & Employment, Kildare Street Dublin 2 Ireland Web Site: <a href="http://www.entemp.ie/">www.entemp.ie/</a>	<a href="http://www.entemp.ie/">www.entemp.ie/</a>	Every 6 years	Format: PDF file Level: NUTS 2	IRELAND PRODUCTIVE SECTOR OPERATIONAL PROGRAMME 2000 – 2006 The Operational Programme for the Productive Sector sets out in detail the context, objectives, strategy, measures, finances and management proposals for the Programme and is developed in line with Council Regulation (EC) No. 1260/1999 of 21 June 1999.	Costs: PDF File may be downloaded free of charge. Copyright: Government of Ireland 2000	Contact: Dept of Enterprise, Trade & Employment. E-Mail: <a href="mailto:webmaster@entemp.ie">webmaster@entemp.ie</a> Phone: Lo Call (Ireland) 1890 22 02 22 or Tel: +353 1 631 2121 Fax: +353 1 631 2827
Industry	IDA Vital Statistics	Primary Source: IDA Ireland, Marketing Services Division, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.ida.ie">www.ida.ie</a>	<a href="http://www.ida.ie">www.ida.ie</a>	Regular Updates	Format: PDF file Level: NUTS 2	IDA VITAL STATISTICS Vital Statistics related to the following are detailed in the report: Economy, Demographics, Education, Wages & Salaries, Working Hours & Holidays, Industrial Disputes, Telecommunications, Electricity, Water, Oil & Gas Prices, Factory & Office Costs, Transport & Foreign Investment in Ireland.	Costs: PDF File may be downloaded free of charge. Copyright: IDA Ireland	Contact: IDA Ireland E-Mail: <a href="mailto:idaireland@ida.ie">idaireland@ida.ie</a> Phone: + 353 1 603 4000 Fax: + 353 1 603 4040
<b>6. Transport</b>								
Vehicles licenced for the first time:	The vehicle licensing figures are compiled from data supplied by the Department of	Primary Source: CSO, Transport Statistics, Transport Section, Skehard Road, Cork, Ireland	<a href="http://www.cso.ie/publications/transport/vehlica.pdf">www.cso.ie/publications/transport/vehlica.pdf</a>	Updated Annually and Monthly	Format PDF file. Level: NUTS 4 (county Level).		Costs: PDF File may be downloaded free of charge. Copyright: CSO	Contact: Catriona O'Brien +353 21 453 5201 or Mary O'Connell +353 21 453 5266 E-Mail: <a href="mailto:information@cso.ie">information@cso.ie</a>

	Environment and Local Government, Vehicle Registration Unit. The CSO provide information on cars registered for the first time by county in Ireland.	Web Site: <a href="http://www.cso.ie/publications/transport/vehlica.pdf">www.cso.ie/publications/transport/vehlica.pdf</a> Annual Figures 2001; Access to Monthly Figures					(Contents may be quoted provided the source is given clearly and accurately)	Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555
Road freight transport survey	National Survey of Transport of Goods by Road 1999.	Primary Source: CSO, Transport Statistics, Transport Section, Skehard Road, Cork Ireland Web Site: <a href="http://www.cso.ie/publications/transport/">www.cso.ie/publications/transport/</a>	<a href="http://www.cso.ie/publications/transport/">www.cso.ie/publications/transport/</a>	1998, 1999	Format PDF file. Level: NUTS 3.	This report contains the results of the National Survey of Transport of Goods by Road carried out for the year 1999. During 1999 information was collected concerning one week's transport activity for a random sample of 12,064 goods vehicles. The sample was spread evenly of each week in the year. The sample data has been grossed to the level of the national fleet to provide estimates for road freight transport activity by all goods vehicles in 1999.	Costs: PDF File may be downloaded free of charge. Copyright: CSO (Contents may be quoted provided the source is given clearly and accurately)	Contact: Catriona O'Brien +353 21 453 5201 or Mary O'Connell +353 21 453 5266 E-Mail: <a href="mailto:information@cso.ie">information@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555
Travel to work	Quarterly National Household Survey 2000 - travel to work	Primary Source: CSO, Labour Market Statistics, Skehard Road, Cork Ireland Web Site: <a href="http://www.cso.ie">www.cso.ie</a>	<a href="http://www.cso.ie">www.cso.ie</a>	Occasional	Format PDF files. Level: NUTS 3.	Questions on travel to work were included in the Quarterly National Household Survey (QNHS) in the three months from December 1999 to February 2000. While the primary purpose of the QNHS is to collect information on employment and unemployment, questions on travel to work are asked from time to time. The questions were asked of all persons in employment in the	Costs: PDF File may be downloaded free of charge. Copyright: CSO (Contents may be quoted provided the	Contact: Joe Tracey +353 21 453 5305 Nicola Tickner 353 21 453 5420 or Paul M. Crowley +353 21 453 5422 E-Mail: <a href="mailto:information@cso.ie">information@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 21



						week prior to the survey. Questions included usual method of transport to work, time leaving the home to travel to work, distance of journey, vehicle ownership, carrying passengers etc.	source is given clearly and accurately)	453 5000 Fax: + 353 21 453 5555
<b>7. Research and Development</b>								
Research and development in the business sector	Business Expenditure on Research and Development (BERD) produced by Forfás.	Primary Source: Forfás, Science Technology and Innovation Division, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.forfas.ie">www.forfas.ie</a>	<a href="http://www.forfas.ie">www.forfas.ie</a>	Every 2 years	Format: PDF file Level: NUTS 2	FORFÁS Research and development in the business sector 1999 Report (May 2002) The report presents the findings of a survey of R&D performers in the business sector relating to 1999 and updates a regular series on Business Expenditure on Research and Development (BERD) produced by Forfás.	Costs: PDF File may be downloaded free of charge. Copyright: Forfás	Contact: Dr. Rhona Dempsey for further information relating to the report or contact Press & Information Office. E-Mail: <a href="mailto:rhona.dempsey@forfas.ie">rhona.dempsey@forfas.ie</a> Phone: + 353 1 607 3052 Fax: +353 1 607 3260 Contact: Press & Information contact - Bernie Moran E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: + 353 1 607 3134 Fax: +353 1 607 3287
<b>8. Utilities</b>								

Physical infrastructure	Maps showing the national physical infrastructure of the electricity supply, gas, telecommunications network and landfill sites available from the Forfás website	Primary Source: Forfás, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.infrastructure.ie">www.infrastructure.ie</a>	<a href="http://www.infrastructure.ie">www.infrastructure.ie</a>	Updated regularly	Format: On-line mapping & Jpg files Level: NUTS 2			Costs: Maps may be downloaded free of charge Copyright: Users may retrieve and view the content of the site on screen and print or store in electronic form. Users may not otherwise modify, publish, license or create derivative works from any of the content of the site without the prior consent of Forfás. Any works published using material on this site must credit the material to Forfás Contact: Marie Burke E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: +353 1 607 3148 Fax: +353 1 607 3030
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							and infrastructure.ie, must not be used out of context and must pass on all relevant disclaimers. Requests to publish or distribute the material should be addressed to <a href="mailto:info@infrastructure.ie">info@infrastructure.ie</a>	
Power generation		Primary Source: EirGrid, Lower Fitzwilliam St., Dublin 2, Ireland Web Site: <a href="http://www.eirgrid.com">www.eirgrid.com</a> Forecast Statement 2001/2 to 2007/8.	<a href="http://www.eirgrid.com">www.eirgrid.com</a>		Format: PDF File Level: NUTS 2 and Northern Ireland	EirGrid, as Transmission System Operator, has responsibility for operating Ireland's national electricity transmission system, including scheduling and dispatching generation, and for ensuring system security. Details of the generating capacity are available from their website in the Forecast Statement 2001/2 to 2007/8.	Costs: PDF File may be downloaded free of charge Copyright: EirGrid	Contact: Shane Maher - Tel. +353 1 702 7049 E-Mail: <a href="mailto:info@eirgrid.com">info@eirgrid.com</a> Phone: EirGrid +353 1 702 7493 or Customer Team + 353 1 702 6642 Fax: EirGrid +353 1 661 5375
<b>9. Telecommunication and information society</b>								

Telecommunications for e-Business		Primary Source: IBEC, Head Office, Confederation House, 84/86 Lower Baggot St. Dublin 2 Ireland Web Site: <a href="http://www.t4eb.ie/">www.t4eb.ie/</a>	<a href="http://www.t4eb.ie/">www.t4eb.ie/</a>	Updated on a regular basis	Format Report available in PDF format and maps can be downloaded as a GIF file. Level: NUTS 2 and Northern Ireland	The 'Telecommunications for e-Business' website is a joint initiative consisting of a report by the following bodies, about access to broadband technology throughout Northern Ireland and the Republic of Ireland. <input type="checkbox"/> Irish Business & Employers Confederation - IBEC <input type="checkbox"/> Industrial Research & Technology Unit - IRTU <input type="checkbox"/> Confederation of British Industry - CBI <input type="checkbox"/> Industrial Development Authority - IDA <input type="checkbox"/> Forfás The report provides details through maps and tables of access to broadband technology throughout Northern Ireland and the Republic of Ireland.	Costs: PDF file may be downloaded free of charge	Contact: IBEC Phone: +353 1 660 1011 Fax: +353 1 660 1717 E-Mail: <a href="mailto:info@ibec.ie">info@ibec.ie</a>
<b>10. Household orientated infrastructure</b>								
Regional database	The Regional Database Project contains information on the physical infrastructure: environmental services, accessibility, energy, telecommunications, industrial development agencies and local authorities	Primary Source: Forfás, Wilton Park House, Wilton Place, Dublin 2, Ireland Web Site: <a href="http://www.forfas.ie">www.forfas.ie</a>	<a href="http://www.forfas.ie">www.forfas.ie</a>	Updated on a regular basis	Format: On-line mapping & Jpg files Level: National Maps		Costs: Maps may be downloaded free of charge Copyright: Forfás. Users may retrieve and view the content of the site on screen and print or store in electronic	Contact: Marie Burke E-Mail: <a href="mailto:info@forfas.ie">info@forfas.ie</a> Phone: +353 1 607 3148 Fax: +353 1 607 3030

	<p>land. It includes information on social infrastructure: education &amp; training, hospitals, cultural and recreational facilities and visitor accommodation. An interactive mapping database maybe queried on-line and maps maybe saved in Jpg format.</p>					<p>form. Users may not otherwise modify, publish, license or create derivative works from any of the content of the site without the prior consent of Forfás. Any works published using material on this site must credit the material to Forfás and infrastructure.e.ie, must not be used out of context and must pass on all relevant disclaimers. Requests to publish or distribute the material should be</p>	
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						addressed to info@infrastructure.ie	
Health	The 2001/2002 Irish Medical Directory is a comprehensive guide to Medical Health Care and the Medical Profession in Ireland. The Irish Medical Directory includes details of the Academic Backgrounds, Hospitals, Rooms, and Special Clinical, Disease and Research Interests of 3,500 Hospital Specialists and General Practitioners throughout Ireland.	Primary Source: The Irish Medical Directory, PO Box 5049 Dublin 6 Ireland Web Site: www.imd.ie	<a href="http://www.imd.ie">www.imd.ie</a>	Updated Annually	Format: Hardcopy Level: NUTS 2	Costs: Euro 65.00 if ordered within Ireland Copyright: The Irish Medical Directory	Contact: Irish Medical Directory E-Mail: info@imd.ie Phone: +353 1 492 6040 Fax: +353 1 492 6040

11. Land use, land structure, settlement structure, natural resources							
Ordnance Survey of Ireland	OS Maps at different scales - see formats	Primary Source: Ordnance Survey of Ireland (OSI), Phoenix Park, Dublin 8, Ireland. Web Site: <a href="http://www.osi.ie">www.osi.ie</a>	<a href="http://www.osi.ie">www.osi.ie</a>	Updated on regular cycles	<p><b>RASTER FORMAT</b> Abstract: The 1:1000, 1:2500, 1:10560 large-scale paper products are available in raster format. The Ireland 9 mile, 1:250,000 series, 1:50,000 series and the Dublin, Waterford, Galway and Cork Street maps are available in colour raster format.</p> <p><b>VECTOR FORMAT</b> Abstract: These products are designed to meet the specialised needs of CAD and Geographical Information Systems (GIS) users by providing vector (point and line) data that is capable of being displayed at any scale. Each dataset contains different features that are supplied on individual layers. As can be seen in the demonstration, these layers can be individually displayed or omitted, enabling users to tailor the data to their exact needs. 1:1000 vector, 1:2500 vector, 1:10,560 vector, 1:50,000 vector and 1:250,000 vector.</p>	Costs: Vary depending on use and on product Copyright: Ordnance Survey of Ireland, supplied under licence only.	Contact: Digital Sales E-Mail: <a href="mailto:digitals@osi.ie">digitals@osi.ie</a> for digital sales or <a href="mailto:custserv@osi.ie">custserv@osi.ie</a> for Customer Service queries. Phone: Ireland Lo call 1890 674 627 or Tel. +353 1 802 5376 (Digital Sales) Fax: Customer Service and Copyright administration +353 1 802 4156
Height boundaries	With information derived from published map series and photoscale photography, Ordnance Survey Ireland can supply height information in digital format.	Primary Source: Ordnance Survey of Ireland (OSI), Phoenix Park, Dublin 8, Ireland. Web Site: <a href="http://www.osi.ie">www.osi.ie</a>	<a href="http://www.osi.ie">www.osi.ie</a>	Updated on regular cycles	Format: Digital Format and hardcopy format Projection: Transverse Mercator and Irish National Grid	Costs: Vary depending on use and on product Copyright: Ordnance Survey of Ireland, supplied under licence only.	Contact: Digital Sales E-Mail: <a href="mailto:digitals@osi.ie">digitals@osi.ie</a> for digital sales or <a href="mailto:custserv@osi.ie">custserv@osi.ie</a> for Customer Service queries. Phone: Ireland Lo call 1890 674 627 or Tel. +353 1 802 5376 (Digital Sales) Fax: Customer Service and Copyright administration +353 1 802 4156

<p>Administrat ion boundaries</p>	<p>District Electoral Divisions (DED) and Townland boundaries can be supplied as polygon structures derived from 1:10,560 series. Capable of incorporation into Geographical Information Systems, this product is suitable for use as a demographic analysis tool, particularly in conjunction with census data.</p>	<p>Primary Source: Ordnance Survey of Ireland (OSI), Phoenix Park, Dublin 8, Ireland. Web Site: www.osi.ie</p>	<p><a href="http://www.osi.ie">www.osi.ie</a></p>	<p>Updated on regular cycles</p>	<p>Format: Digital Format and hardcopy format Projection: Transverse Mercator and Irish National Grid</p>	<p>Costs: Vary depending on use and on product Copyright: Ordnance Survey of Ireland, supplied under licence only.</p>	<p>Contact: Digital Sales E-Mail: <a href="mailto:digitals@osi.ie">digitals@osi.ie</a> for digital sales or <a href="mailto:custserv@osi.ie">custserv@osi.ie</a> for Customer Service queries. Phone: Ireland Lo call 1890 674 627 or Tel. +353 1 802 5376 (Digital Sales) Fax: Customer Service and Copyright administration +353 1 802 4156</p>
<p>Geological Survey of Ireland</p>	<p>Geology of Ireland: The 1:100,000 Bedrock geology series of maps have been completed in digital format but the 1:50,000 Quaternary maps have</p>	<p>Primary Source: Geological Survey of Ireland, Beggars Bush, Haddington Road, Dublin 4 Ireland Web Site: www.gsi.ie Web Site: www.gsis seabed.i e</p>	<p><a href="http://www.gsi.ie">www.gsi.ie</a></p>		<p>Format: e00 ARC Export file and .shp ARC shapefile Level: 1:100,000 series completed but 1:50,000 not yet complete</p>	<p>Costs: Prices on Request Copyright: Geological Survey of Ireland</p>	<p>Contact: Archie Donovan and for third level queries contact Dr. John Morris E-Mail: <a href="mailto:gsisales@gsi.ie">gsisales@gsi.ie</a> Phone: +353 1 670 7444 Fax: +353 1 668 1782</p>



	been delayed.  Seabed Mapping: Survey area extends for 670miles westwards and 300 to the south of Ireland.							
			<a href="http://www.gseabed.ie">www.gseabed.ie</a>					
Coastline	The National Coastline Survey provides a comprehensive package of over 7,000 digital pictures on a series of CDs. Each CD provides images of the coastline of a number of Irish counties with the series covering the entire Irish coast. It also includes CoastView image viewing and retrieval software. (Re-launched June	Primary Source: The Marine Institute, 80 Harcourt Street, Dublin 2, Ireland Web Site: <a href="http://www.marine.ie">www.marine.ie</a>	<a href="http://www.marine.ie">www.marine.ie</a>		Format: Two CD's Level: NUTS 2 Coastline	National	Costs: €31.50 plus €2.50 P&P per CD Copyright: The Marine Institute	Contact: Corina Comerford E-Mail: <a href="mailto:corina.comerford@marine.ie">corina.comerford@marine.ie</a> Phone: +353 1 476 6500 Fax: +353 1 476 4988

	2002. Publications available in PDF format)						
Soils, classification of land cover & forest productivity maps	<p>The Forest Service under the Dept. of Communications, Marine and Natural Resources has undertaken the following projects covering the whole of Ireland:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Photogrammetrically derived soil parent material maps</li> <li><input type="checkbox"/> Supervised classification of land cover from Landsat satellite imagery</li> <li><input type="checkbox"/> Predictably modelled soil maps</li> <li><input type="checkbox"/> Statistically modelled forest productivity maps</li> </ul>	<p>Primary Source: Forest Service Administration, Johnstown Castle Estate Co Wexford Ireland</p> <p>Web Site: <a href="http://www.marine.gov.ie">www.marine.gov.ie</a></p>	<a href="http://www.marine.gov.ie">www.marine.gov.ie</a>	To be completed between end of 2002 and 2005	Format: ESRI Shapefile / ERDAS Imagine Level: 1:50,000 Working Scale, Supplied by County - NUTS 4 & Irish National Grid	<p>Costs:</p> <p>Availability of data is reviewed upon request to the Irish Forestry Board</p> <p>Copyright: Forest Service</p>	<p>Contact: Forest Service Admin.</p> <p>E-Mail: <a href="mailto:contact@marine.gov.ie">contact@marine.gov.ie</a></p> <p>Phone: +353 53 60200</p> <p>Fax: +353 53 43834/5</p>

12. Environment								
Environmental quality	Datasets maintained by the Environmental Protection Agency (EPA) include: Acid Sensitive Waters Dataset, Riverine Inputs Data, National Waste Database Dataset, Bathing Water in Ireland Dataset, Local Authority in Ireland Dataset, Ozone Database, Estuarine & Coastal Water Quality in Ireland Dataset, Biological River Water Quality Dataset and Lake Water in Ireland Dataset.	Primary Source: Environmental Protection Agency (EPA), Public Offices Headquarters, Johnstown Castle Estate, Co Wexford, Ireland Web site: www.epa.ie	<a href="http://www.epa.ie">www.epa.ie</a>	Regular updates	Format: Microsoft works spreadsheet. Level: 6 digits Irish National Grid Northing & Easting	Ireland's Environment A Millennium Report EPA 2000: available in Hardcopy and through website; Environment in Focus 2002 EPA	Costs: No Details Copyright: EPA	Contact: EPA E-Mail: <a href="mailto:info@epa.ie">info@epa.ie</a> Phone: +353 53 60600 Fax: + 353 53 60699
Interactive river water quality maps	The river maps show monitoring stations around Ireland, colour-	Primary Source: Environmental Protection Agency (EPA), Public Offices	<a href="http://www.epa.ie/rivermap/data">www.epa.ie/rivermap/data</a>	Annual	Format: On-line maps Level: NUTS 2		Costs: Viewed free of charge Copyright: EPA	Contact: EPA E-Mail: <a href="mailto:info@epa.ie">info@epa.ie</a> Phone: +353 53 60600 Fax: + 353 53 60699

	coded according to water quality. By clicking on a monitoring station location, a history of the water quality at the site can be seen.	Headquarters, Johnstown Castle Estate, Co Wexford, Ireland Web site: <a href="http://www.epa.ie/rivermap/data">www.epa.ie/rivermap/data</a>							
<b>13. Agriculture</b>									
CSO Census of Agriculture	Structural features of agricultural production, principal agricultural land uses and livestock production are some of the variables available in the Census of Agriculture which is conducted every ten years. Results for the June 2001 Census of Agriculture are due to be released in November 2002.	Primary Source: CSO, Agriculture Section, Skehard Road, Cork Ireland Web Site: <a href="http://www.cso.ie">www.cso.ie</a>	<a href="http://www.cso.ie">www.cso.ie</a>	Every 10 years	Format: 1991 census available in hard copy format only Level: NUTS 5	Costs: Hard copy for 1991 census cost €12.70 Copyright: CSO (Contents may be quoted provided the source is given clearly and accurately)	Contact: Agriculture Section Tel: +353 21 453 5333 or Carl Duffy +353 21 453 5327 E-Mail: <a href="mailto:agri@cso.ie">agri@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555		

Agriculture in the Republic of Ireland		Primary Source: Dept. of Geography, NUI Maynooth, Maynooth, Co. Kildare, Ireland Web Site: <a href="http://www.may.ie/academic">www.may.ie/academic</a>	<a href="http://www.may.ie/academic">www.may.ie/academic</a>	1999	Format: Available in Hardcopy Level: NUTS 5	Irish agriculture in transition a census atlas of agriculture in the republic of Ireland 1999 This Atlas of Agriculture was compiled from three main sources of information. firstly 1991 Census of Agriculture, the information for which came from small area units or DEDs (NUTS 5). Secondly, some agricultural statistics are updated annually from Central Statistics Office (CSO) surveys and, where possible, these are used in the accompanying regional statistical tables to track the 1991-1997 trends. Thirdly, where possible, use is made of administrative data supplied by the Dept. of Agriculture and Food to quantify the uptake and spatial distribution of selected policy measures. The atlas consists over 100 maps accompanied by a descriptive commentary, together with statistical tables that summarise the numerical data at the level of the Regional Authority areas.	Costs: Euro 45.00 Copyright: Authors: Séamus Lafferty, Patrick Commins and James A. Walsh	Contact: Dept of Geography E-Mail: <a href="mailto:geography.department@may.ie">geography.department@may.ie</a> Phone: + 353 1 708 3610 Fax: +353 1 708 3573	
<b>14. Social situation</b>									
Social change, poverty	Regular releases from the Economic and Social Research Institute (ESRI) give national poverty measurements and are	Primary Source Collection: The Economic & Social Research Institute, 4 Burlington Road, Dublin, Ireland Primary Source Access: The Irish Social Science	<a href="http://www.ucd.ie/issda">www.ucd.ie/issda</a>	Regular Updates	Format: Survey Results		Availability: No possibility for single researchers obtaining data due to the rules determined by EuroStat governing	Costs: European Community Household Panel Survey data costs Euro 400 for Core data from 1994 1996,	Contact: ISSDA - James P. McBride E-Mail: <a href="mailto:issda@ucd.ie">issda@ucd.ie</a> Phone: ISSDA - +353 1 716 4612 Fax: ISSDA - +353 1 716 1108

	available from The Irish Social Science Data Archive based in the Dept. of Social Science, University College Dublin (UCD) Belfield, Dublin, Ireland. The European Community Household Panel Survey is the most accurate long-term historical measure of poverty levels in Ireland.	Data Archive, Room B012, ISSC Building, UCD, Belfield, Dublin 4, Ireland. Web Site: <a href="http://www.ucd.ie/issda">www.ucd.ie/issda</a> Web Site: <a href="http://www.esri.ie">www.esri.ie</a>					availability. An institution or organisation is able to purchase the data providing access for all researchers.	for additional waves from 1997 and 1998 and Euro 100 per panel. A single wave from 1994 – 1998 costs Euro 150. Plus all data supplied on CD costs Euro 31.75 or Euro 6.35 for students. Copyright: ESRI		
			<a href="http://www.esri.ie">www.esri.ie</a>							
<b>15. Housing</b>										
Housing statistics	Comprehensive annual publication of statistics with regard to housing activity, housing loans, profile of borrowers, house prices, local authority & co-operative housing, activity under	Primary Source: Dept. of the Environment and Local Government, Housing Policy & Finance Section, Custom House, Dublin 1, Ireland Web Site: <a href="http://www.environ.ie/housindex">www.environ.ie/housindex</a>	<a href="http://www.environ.ie/housindex">www.environ.ie/housindex</a>	Annual	Format: PDF File Level: NUTS 4 - Local Authority	Housing statistic bulletin 2001- Dept of the Environment & Local Government	Costs: PDF files may be downloaded free of charge Copyright: CSO (Contents may be quoted provided the source is given clearly and accurately)	Contact: Housing Policy & Finance Section +353 1 888 2176 or +353 1 888 2187 E-Mail: <a href="mailto:press-office@environ.irlgov.ie">press-office@environ.irlgov.ie</a> Phone: Dept on Lo Call 1890 202 021 or +353 1 888 2000 Fax: Housing Policy & Finance Section +353 1 888 2011		

	social housing, accommodation of travellers, housing grants, rented housing & capital investment in housing.							
Housing & households	The Quarterly National Household Survey began in 1997 replacing the annual April annual Labour Force Survey (LFS). The purpose of the survey is the production of quarterly labour force estimates and occasionally reports on social topics such Housing and Households. The most recent data for Housing and Households was collected in the June – August 1998 quarter. The main topics in	Source: CSO, Labour Market Statistics, Skehard Road, Cork Ireland Web Site: <a href="http://www.cso.ie/publications/labour">www.cso.ie/publications/labour</a>	<a href="http://www.cso.ie/publications/labour">www.cso.ie/publications/labour</a>	Occasional	Format: PDF Files Level: NUTS 3		Costs: PDF files may be downloaded free of charge Copyright: CSO (Contents may be quoted provided the source is given clearly and accurately)	Contact: Joe Tracey +353 21 453 5305 Nicola Tickner 353 21 453 5420 or Paul M. Crowley +353 21 453 5422 E-Mail: <a href="mailto:information@cso.ie">information@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555

	the housing module were: characteristics of the building, number of rooms, type of building, nature of occupancy, mortgage costs, problems and level of satisfaction with the accommodation, facilities such as heating, neighbourhood characteristics and noise pollution.							
Planning permissions	Planning permissions are classified by type of development, local authority district and by regional authority. Only final grants of permission or approval are covered.	Source: CSO, Building Section, Skehard Road, Cork, Ireland Web Site: <a href="http://www.cso.ie/publications/building">www.cso.ie/publications/building</a>	<a href="http://www.cso.ie/publications/building">www.cso.ie/publications/building</a>	Quarterly	Format: PDF Files Level: NUTS 3 & NUTS 4		Costs: PDF files may be downloaded free of charge Copyright: CSO (Contents may be quoted provided the source is given clearly and accurately)	Contact: Sandra Tobin +353 21 453 5307 or Iris McCarthy +353 21 453 5529 E-Mail: <a href="mailto:information@cso.ie">information@cso.ie</a> Phone: Ireland Lo call 1890 313 414 or Telephone +353 21 453 5000 Fax: + 353 21 453 5555



16. Cultural sites							
Datasets - DÚCHAS the heritage service	Datasets available via Dúchas website include: National Archaeological Sites & Monuments, Special Areas of Conservation and National Heritage Areas	Primary Source: Dúchas – The Heritage Service, Department of Environment and Local Government Web Site: <a href="http://www.heritagedata.ie/en/index">www.heritagedata.ie/en/index</a>	<a href="http://www.heritagedata.ie/en/index">www.heritagedata.ie/en/index</a>	Datasets updated to varying degrees	Format: Download data in e00 ARC files, Irish National Grid Co-ordinates on the Transverse Mercator Projection Quality: National Monuments data contains an amount of errors and anomalies	Costs: Files may be downloaded free of charge Copyright: Dúchas	Contact: Muirís de Buitléir for GIS queries E-Mail: <a href="mailto:mdebutleir@ealga.ie">mdebutleir@ealga.ie</a> Phone: +353 1 647 2334 Fax: +353 1 678 8120
17. Tourism							
Bord Fáilte – the Irish Tourist Board sources data with regard to Tourism at Regional level.	Statistics available for 2000 include for domestic & overseas tourists: number of tourist visits and tourism revenue. For overseas tourists, main purpose of visit, month of arrival, route of entry, length of stay, accommodation used, accommodation bednights, other regions visited, party	Primary Source: Bord Fáilte –Irish Tourist Board, Head Office, Baggot Street Bridge, Dublin 2 Web Site: <a href="http://www.bftrade.travel.ie/">www.bftrade.travel.ie/</a>	<a href="http://www.bftrade.travel.ie/">www.bftrade.travel.ie/</a>	Annual (for some categories)	Format: PDF Format via website and excel format from Aideen Kelly Level: NUTS 3 Regional Authority Level	Costs: Excel & PDF files supplied free of charge Copyright: Bord Fáilte	E-Mail: contact Aideen Kelly - <a href="mailto:AKelly@bordfailte.ie">AKelly@bordfailte.ie</a> Phone: +353-1-602 4000(Admin.) 1850 230 330(Info) Fax: +353-1-602 4100

<p>composition, party age, social class, experience of Ireland. For domestic tourism, number of trips and revenue, purpose of trip, timing of domestic trip, social class, region of residence and age (adult trips taken). Accommodatio n by approved room capacity. Markets: The above categories are available in percentage breakdown of the total market for the following countries: Australia and New Zealand, Britain, France, Germany, Italy, Netherlands, The Nordic Countries and USA. Products:</p>						
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	Yearly statistical facts are available for the following tourist activities: Angling, Car Hire, Cultural, Cycling, Equestrian, Gardens, Genealogy, Golf, Guesthouses, Hostels, Hotels, Self-Catering and Walkin							
<b>18. Public sector</b>								
Irish government	Website with information on government organisations or information by providing links, indices of recent publications and a search engine that searches all government sites. There is also general information about Ireland Provides access to all	Primary Source: Irish Government, Government Buildings, Upper Merrion Street, Dublin 2, Ireland Web Site: <a href="http://www.irlgov.ie">www.irlgov.ie</a>	<a href="http://www.irlgov.ie">www.irlgov.ie</a>	Continually updated	Format: Various			Copyright: Government of Ireland

	government departments, state, and semi-state bodies websites. The website has links to the Dept. of Finance and budgets, Regional Authorities and institutional structures. It has an A to Z of Government Services.								
<b>19. Any other data which are collected and could be interesting for the ESPON</b>									
Met Eireann climatological database	Weather records dating back as far as 1880 for the Republic of Ireland.	Primary Source: Met Eireann, Glasnevin Hill, Dublin 9 Ireland. Web Site: <a href="http://www.meteireann.ie/">www.meteireann.ie/</a>	<a href="http://www.meteireann.ie/">www.meteireann.ie/</a>	Hourly updates	Format: ASCII, Excel files Level: 6 digits Irish National Grid Northing & Easting			Costs: Prices on Request Copyright: Met Eireann	Contact: Climate Enquiries E-Mail: <a href="mailto:met.eireann@met.ie">met.eireann@met.ie</a> Phone: +353 1 806 4212 Fax: +353 1 806 4216
the national archives	On-line records include Government Archives Database and Business Record Survey.	Primary Source: The National Archives, Bishop Street, Dublin 8, Ireland Web Site:	<a href="http://www.nationalarchives.ie">www.nationalarchives.ie</a>		Format: Some data available for download or visit the Archives for other data Level: NUTS 2			Costs: Prices on Request Copyright: National Archives	Contact: The National Archives E-Mail: <a href="mailto:mail@nationalarchives.ie">mail@nationalarchives.ie</a> Phone: +353 1 407 2300 Fax: +353 1 407 2333