



Ireland 2040: The National Planning Framework in an All-Island Context

People and Place – The Current State of Play

Ulster University – Magee Campus
10th March, 2017

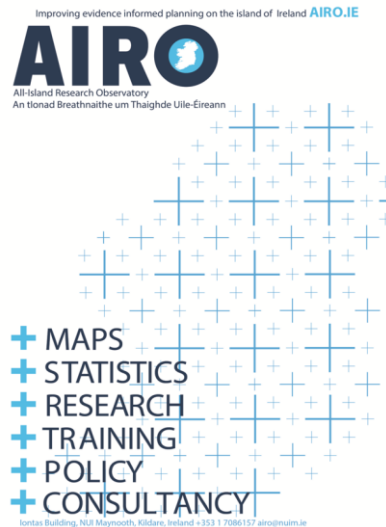


Outline

- What is the All-Island Research Observatory (AIRO)
- AIRO & ICLRD
 - 10 years working on data and mapping projects on an All-Island basis
- AIRO & NPF
 - Data and mapping partner
 - NPF Mapping Viewer
- How connected are we?
 - Cross-border flows
- Key Social and Economic characteristics
 - Population
 - Economy & Industry
 - Health
 - All-Island Deprivation Index

What is the All-Island Research Observatory (AIRO)

- AIRO is a research unit and spatial data website focused on improving evidence informed planning in Ireland
 - Collects, analyses and provides evidence and tools to support better planning and decision making
 - Maps, data, policy advice, research and training
- Who do we work with?
 - Government Departments
 - Semi-State bodies
 - Regional Authorities, Local Authorities, Local Partnerships etc
 - Academics and Researchers



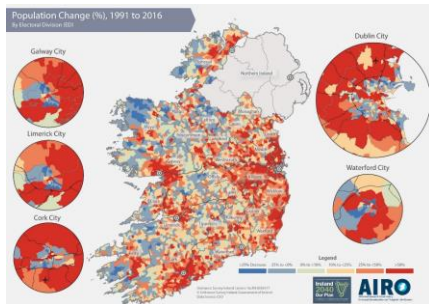
AIRO & ICLRD

- Mapping and Data partner of ICLRD
- Regular collaboration on cross-border projects with ICLRD, UU, Centre for Cross Border Studies, ICBAN, InterTradeIreland, CAWT etc
- Atlas of the Island of Ireland (*2)
- All-Island Mapping Tools
- Accessibility to Services
- Emergency Services
- Cross-border Towns
- Data day training workshops



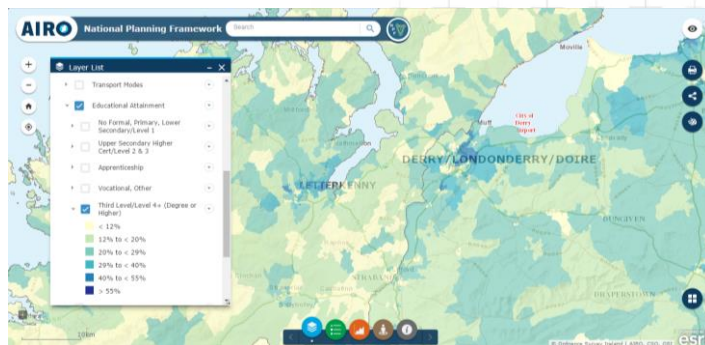
AIRO & National Planning Framework (NPF)

- Working in collaboration with NPF team on data and mapping project
- NPF Mapping Viewer
- Visualisation Tools
- Census 2016 analysis
 - April 2017 onwards
 - Key Commuting patters



AIRO & National Planning Framework (NPF)

- Working in collaboration with NPF team on data and mapping project
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 - Key Commuting patters
- All-Island Perspective



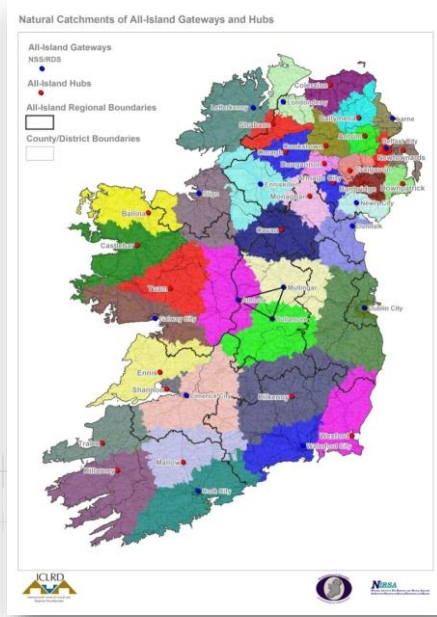
The State of Play



Place and Cross Border Commuting

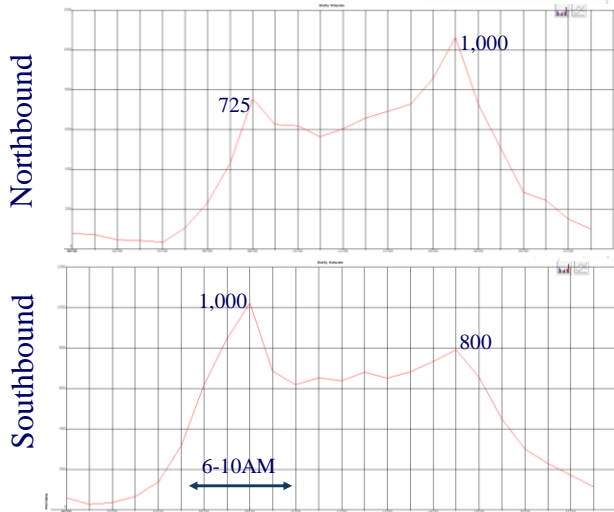
- Exact counts are not available
 - Approx. 30,000 people cross the border on a daily basis
 - (NPF, Issues and Choices, 2017)
 - Road Network, Trains, Bus etc
 - Work, Education, Retail, Public Services, Freight/Logistics
- Clear commuter 'hotspots' between Derry/Londonderry and Donegal and between Newry and Dundalk
 - Other areas of high interaction Cavan/Enniskillen, Lifford/Strabane and Monaghan/Armagh
- Key settlements on either side of the border have functional relationships with urban centres in the adjoining jurisdiction

Place and Cross Border Commuting



Place and Cross Border Commuting

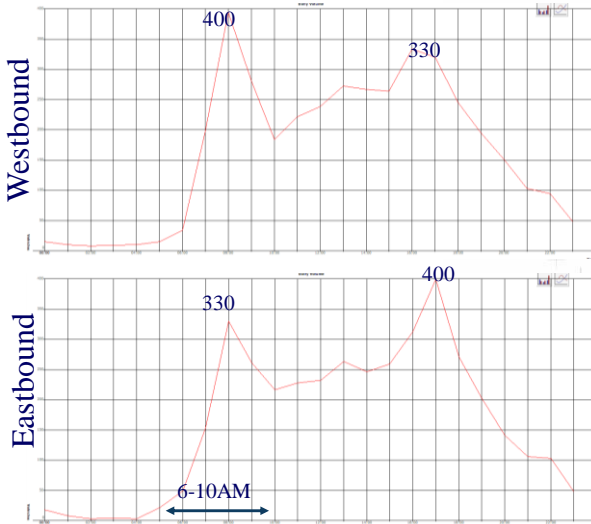
- N01 North of Jn20 Jonesborough
- Tuesday 28th Feb: 21,400 trips



- Southbound flows are 55% higher than Northbound in mornings (work related 6-10am)

Place and Cross Border Commuting

- N13 Bridgend (Donegal to Derry/Londonderry)
- Tuesday 28th Feb: 7,785 trips



- Westbound flows are 14% higher than Eastbound in mornings (work related 6-10am)
- Other routes –
 - Killea/Newtowncunningham
 - Culmore/Muff

Place and Cross Border Commuting

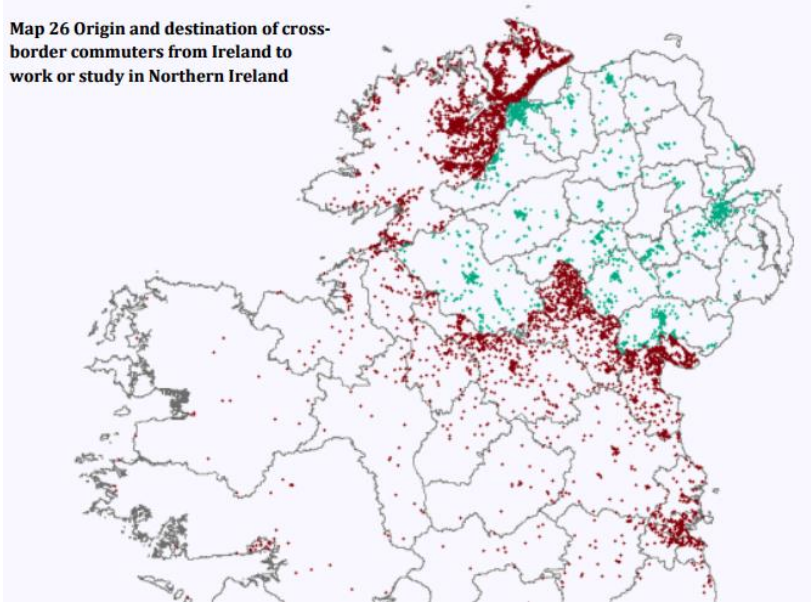
- A total of 14,800 persons regularly commute (work and school) between both jurisdictions
 - Northbound flows: 8,295 in 2011
 - Southbound flows: 6,456 in 2011
- Proportionally, twice as many residents commute from NI
 - NI to RoI (0.4%)
 - RoI to NI (0.2%)

Age group	All usual residents of Northern Ireland aged 16 to 74 working/studying in Ireland			All usual residents of Ireland aged 16 to 74 working/studying in Northern Ireland		
	Males	Females	Total	Males	Females	Total
16-24	396	396	792	768	1,054	1,822
25-34	1,091	1,056	2,147	937	1,259	2,196
35-44	1,072	726	1,798	1,175	1,141	2,316
45-54	751	409	1,160	623	735	1,358
55-64	322	167	489	273	279	552
65-74	49	21	70	35	16	51
Total	3,681	2,775	6,456	3,811	4,484	8,295

Source: Census of Population, CSO and Census of Population, NISRA

Place and Cross Border Commuting

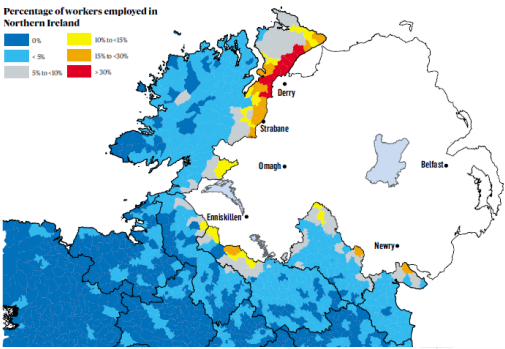
Map 26 Origin and destination of cross-border commuters from Ireland to work or study in Northern Ireland



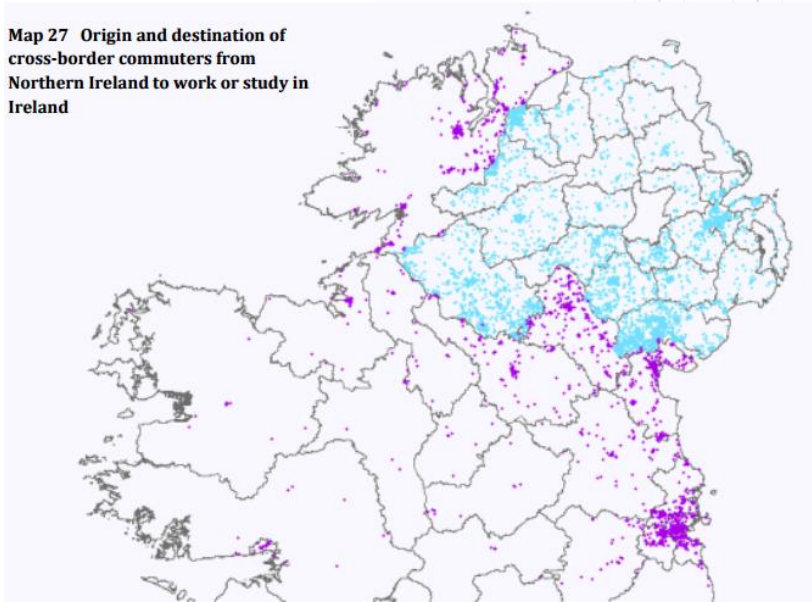
Place and Cross Border Commuting

- Destinations in NI (6,419)
 - 250m grid/OA/WARD
 - Derry/Londonderry 40%
 - Newry City 6%
 - Enniskillen 4%
 - Strabane 4%
 - Belfast City 7.5%

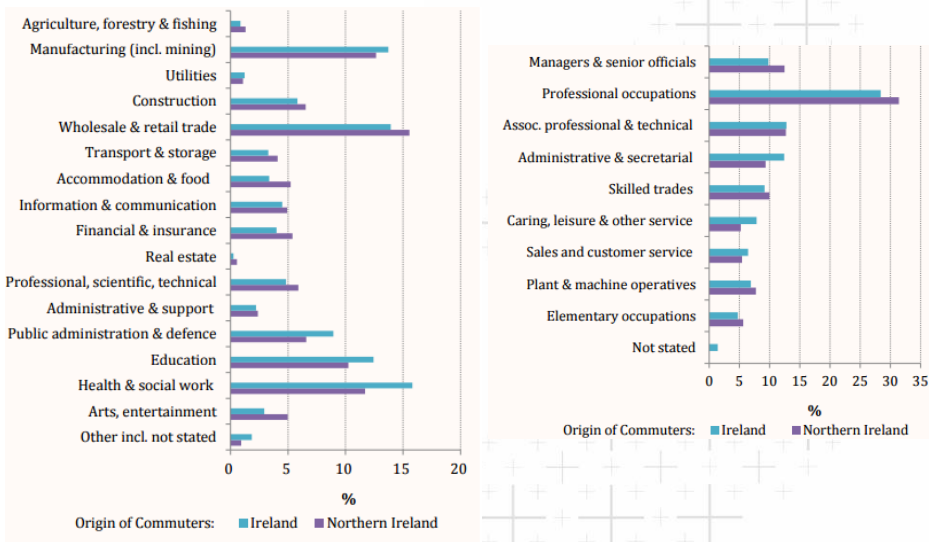
Picture of Ireland
How many people commute to Northern Ireland?



Place and Cross Border Commuting

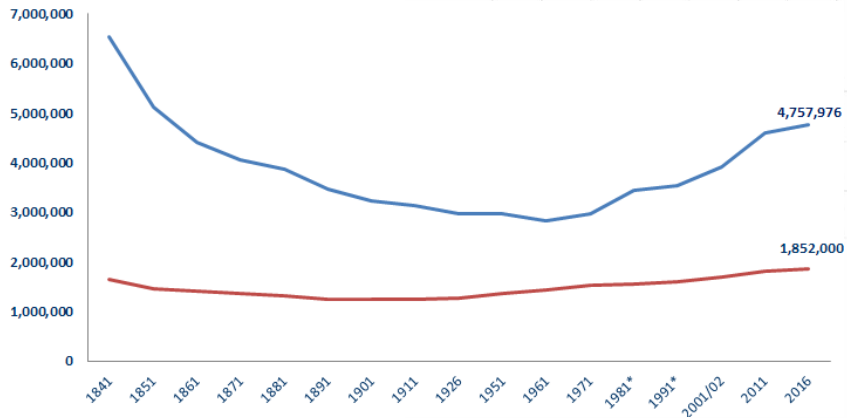


Place and Cross Border Commuting



Population

- 6.6 million people living on the island (2015/6)
 - 72% in RoI (4.75m)
 - 28% in NI (1.85m)

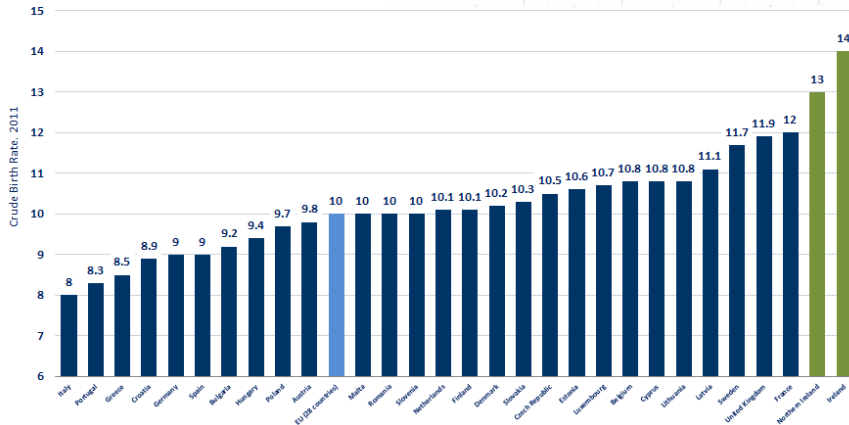


Population

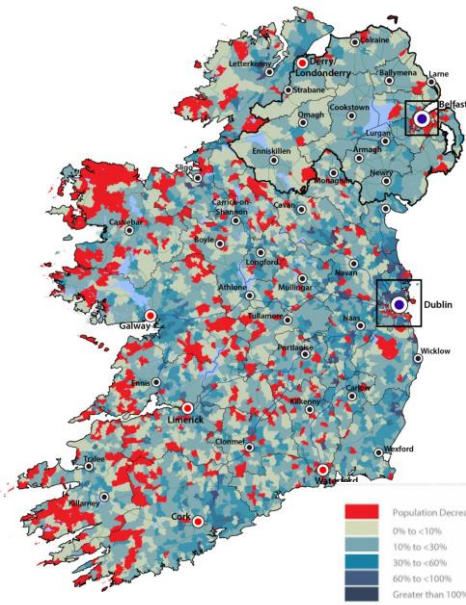
- Population Change 2001/02 to 2011
 - All-Island **+14.25%** from 5.6m to 6.4m (**+798,656**)
 - RoI **+17.2%** from 3.9m to 4.58m (**+671,049**)
 - Natural Increase: 357,426 (53%)
 - Est. Net Migration: 313,623 (47%)
 - NI **+7.45%** from 1.68m to 1.81m (**+125,596**)
 - Natural Increase: 99,192 (79%)
 - Est. Net Migration: 26,404 (21%)

Population

- Birth Rates 2015
 - Highest birth rate in EU28
 - Rol: 14 per 1,000 inhabitants
 - NI: 13 per 1,000 inhabitants



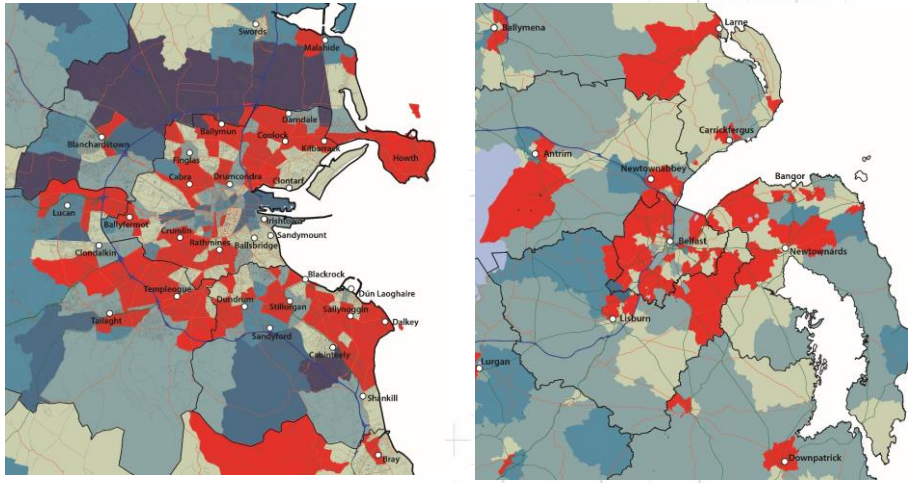
Population



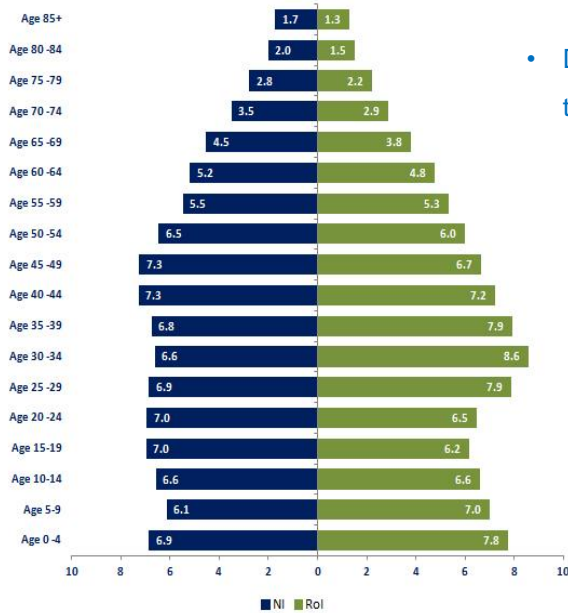
- It's mostly growth
- Commuter belts of all cities
- But not all growth....
 - 22% of EDs/Wards witnessed population decline since 2001/02 (to 2011)
 - Mainly rural decline
 - Lots of urban decline too

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 Data Source: Central Statistics Office (CSO), Northern Ireland Statistics and Research Agency (NISRA) Produced by: All-Ireland Research Observatory (AIRO)

Population

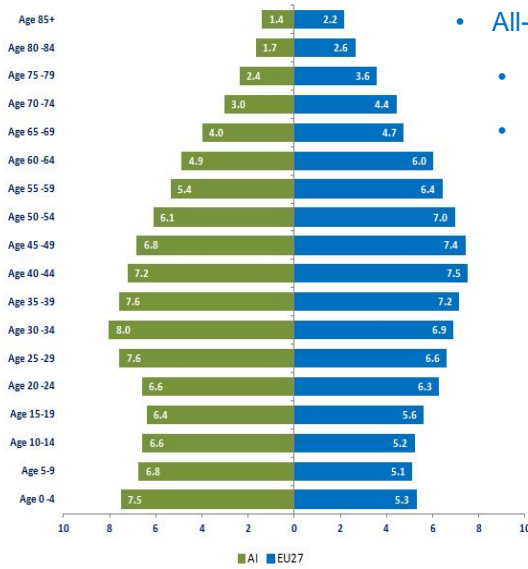


Population



- Different age profile between two jurisdictions
- RoI has higher rate in young population, early working age and lower old age

Population



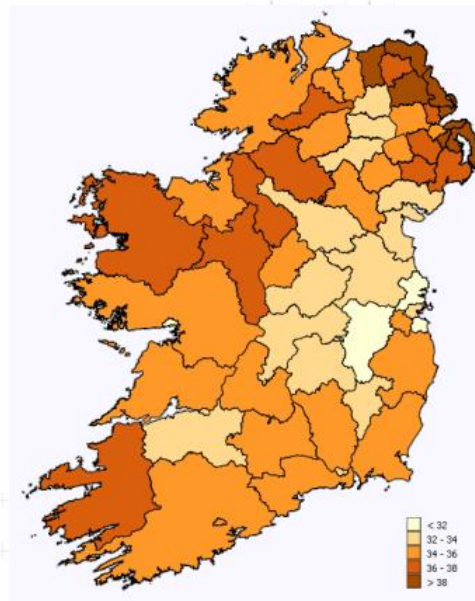
- All-Island v EU28

- 1.27% of total population
- Much younger population, age 40+ sees a shift towards higher EU rates

Population

Median Age

Rep of Ireland: 34
 N. Ireland: 37
 EU: 41

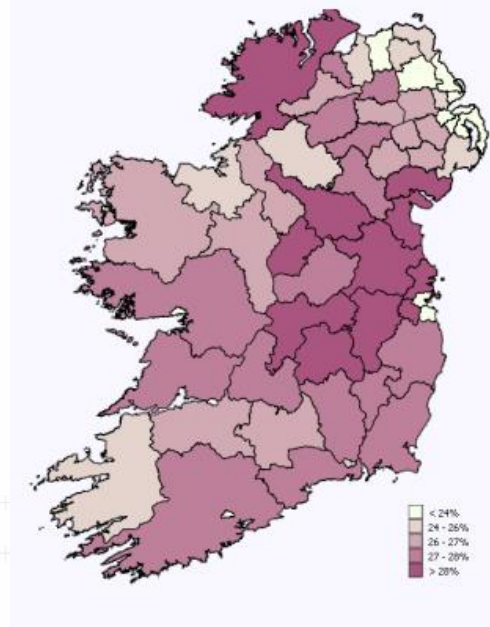


Population

Young Population (0-18)

Over a quarter of our population
are young people

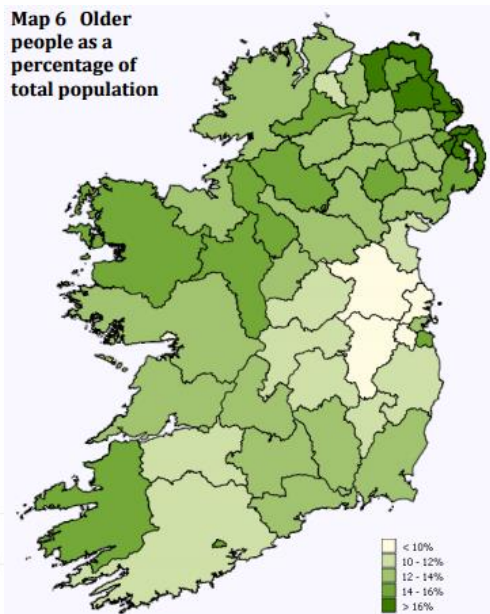
Rep of Ireland: 26%
N. Ireland: 25%



Population

Older Age Groups (65+), 2015

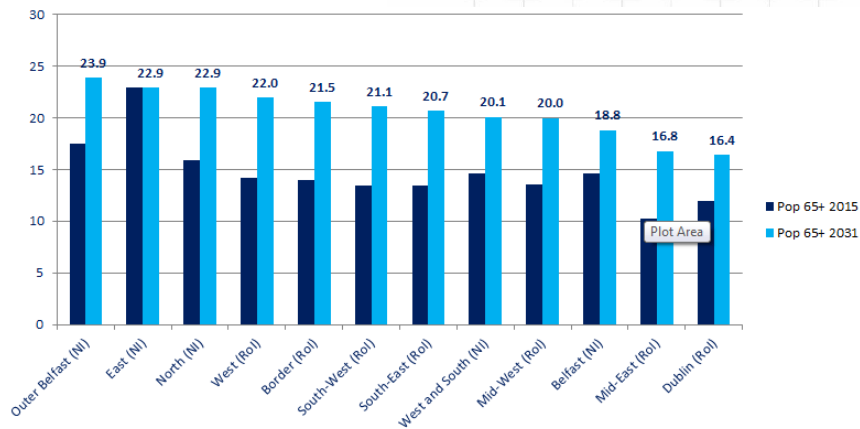
Rep of Ireland: 12.7%
N. Ireland: 16%



Population

Older Age Groups (65+), 2015 to 2031

Rep of Ireland: 12% to 19.1%
N. Ireland: 16% to 21.8%



Population

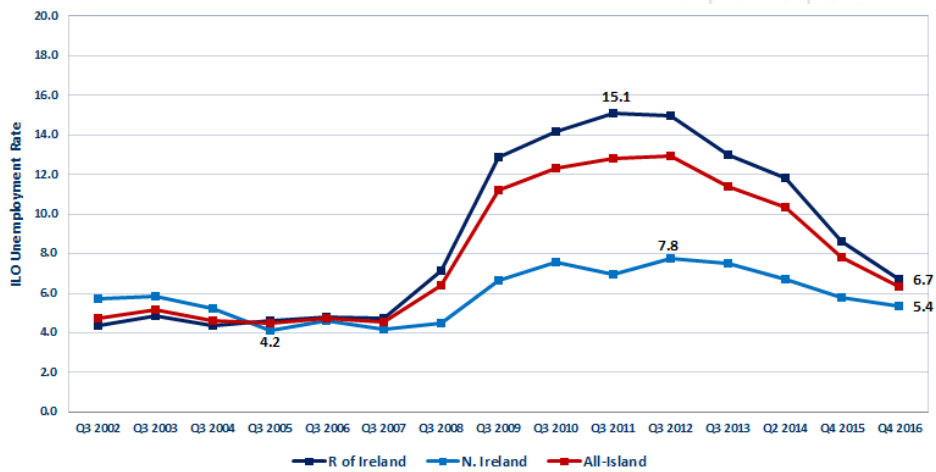
- Overall Population projections
 - Natural Increase, Migration
 - Uncertainty until full results from Census 2016
 - Overestimation of out-migration, underestimation of in-migration
- RoI expected to grow by 18-19% between 2016 and 2041 (5.6m)
 - Biggest growths in Dublin and Mid-East (>22%+)
 - Dublin and Mid-East to account for >40% of national population in 2041
 - Border and Midlands with lowest growth rates (<+15%)
- NI expected to grow by 9% between 2016 and 2039 (2.02m)
 - Biggest growths in West and South (+15%)
 - North and Belfast with very modest growth (>+4%)
 - Outer Belfast with low growth (<7%)

Economy and Industry

- International Labour Organisation (ILO) economic status (Q4, 2016)

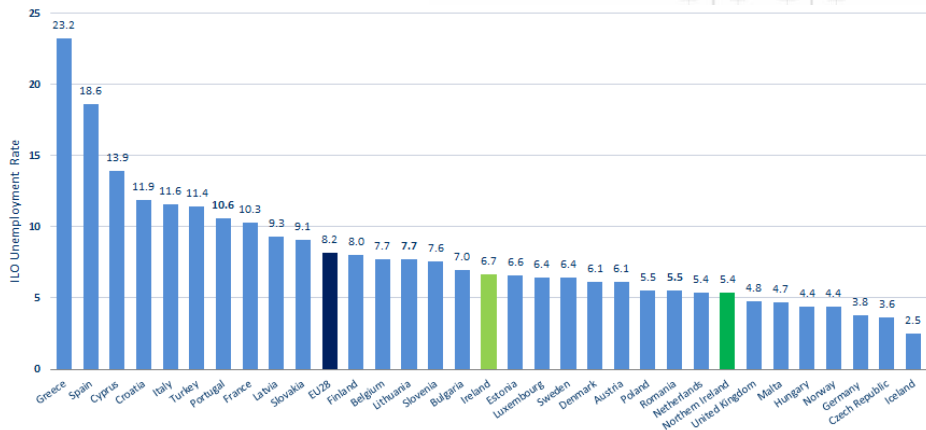
	RoI ('000)	NI ('000)	AI ('000)
Pop 15+/16+	3634.4	1,458	5,092.4
Labour Force	2,195.6	894	3,089.6
Employed	2,048.1	847	2,895.1
Unemployed	147.4	48	195.4
Non-Labour Force	1,438.8	564	2002.8
Unemployment Rate	6.71%	5.4%	6.3%
Participation Rate	60.1	61.3%	60.7%

Economy and Industry



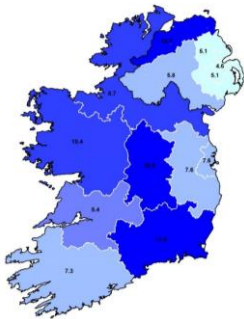
ILO Unemployment Rate, Q4 2016

Economy and Industry

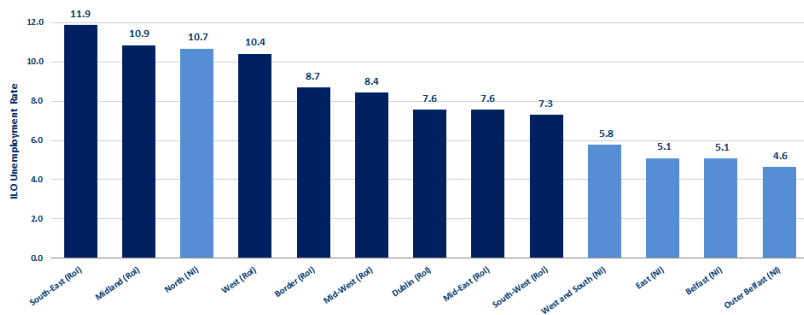


ILO Unemployment Rate, Q4 2016

Economy and Industry



ILO Unemployment Rate, 2015



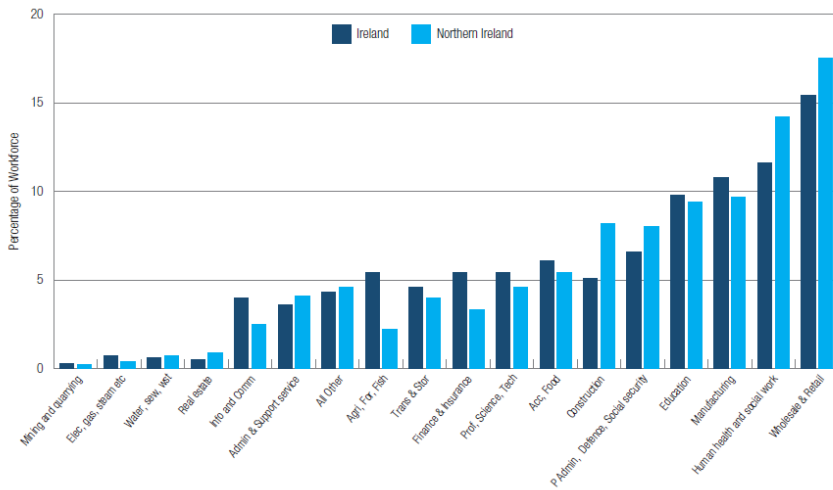
Economy and Industry



Long-term Unemployment Rate, 2005 to 2016

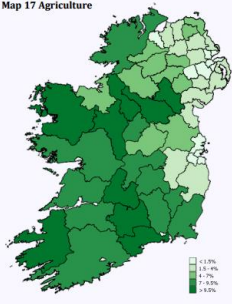
Economy and Industry

Figure 4.1: Industry of Employment Ireland and Northern Ireland, 2011

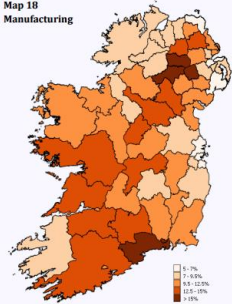


Economy and Industry

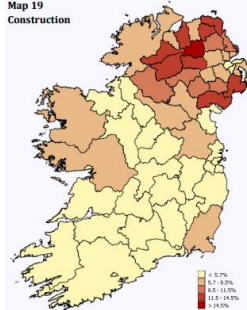
Map 17 Agriculture



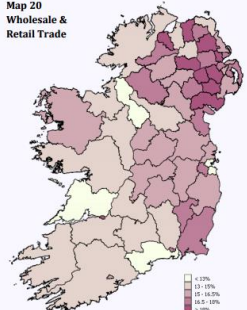
Map 18 Manufacturing



Map 19 Construction

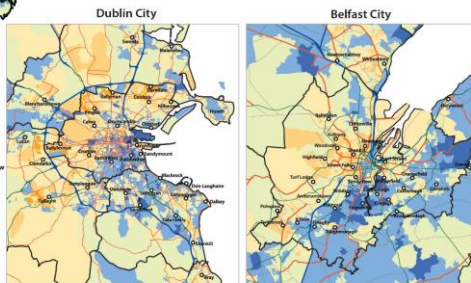
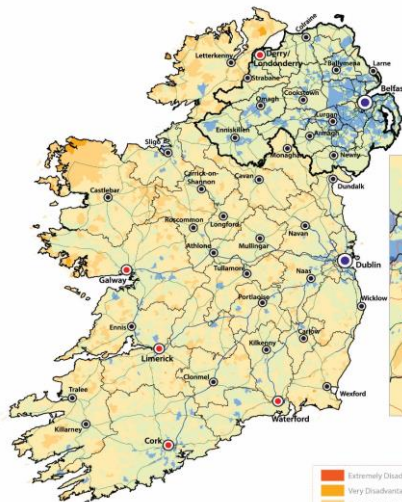


Map 20 Wholesale & Retail Trade



All-Island Deprivation Index

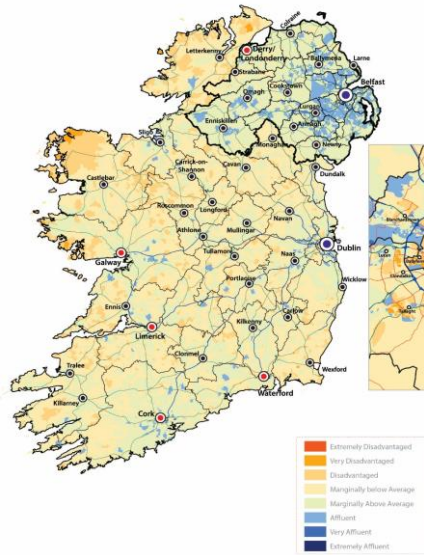
All-Island HP Deprivation Index, 2011
Small Areas (SAs)



This map is part of an All-Island Atlas project developed by ARIO and the CLRD. The project is part-financed by the European Union's INTERREG IWA programme managed by the Special EU Programmes Body.

<ul style="list-style-type: none"> ■ Extremely Disadvantaged ■ Very Disadvantaged ■ Disadvantaged ■ Marginally below Average ■ Marginally Above Average ■ Affluent ■ Very Affluent ■ Extremely Affluent 	<ul style="list-style-type: none"> Northern Ireland Local Authorities 	<ul style="list-style-type: none"> — Motorways — Trunk/Primary Roads — Secondary Roads — Streets 	<p>Odinance Survey Ireland/Government of Ireland Copyright Permit No. MP 005814</p> <p>Crown Copyright 2104 Odinance Survey of Northern Ireland Permit No. 140029</p> <p>Data Source: Central Statistics Office (CSO), Northern Ireland Statistics and Research Agency (NISRA)</p>
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All-Island Deprivation Index



- Three Main Findings
 - By 2011 Northern Ireland had become the more affluent of the two jurisdictions.
 - Reversed on previous analysis
 - More extremes at both ends of the scale in RoI
 - The driving factor in the striking development has been the ability of Northern Ireland to maintain a comparatively high level of employment throughout the recession
 - Rural areas in the RoI appear to be much more negatively affected by opportunity deprivation than equivalent areas in Northern Ireland

Health

- A question on general health was introduced for the first time in Census 2011 in both RoI and NI
 - General health rather than present state of health
 - Rate their general health in one of five categories
 - Very Good, Good, Fair, Bad, Very Bad
 - Self-perceived health (SPH) provides a well validated and widely used measure of actual health, despite its subjective nature.

18 How is your health in general?

Mark one box only.

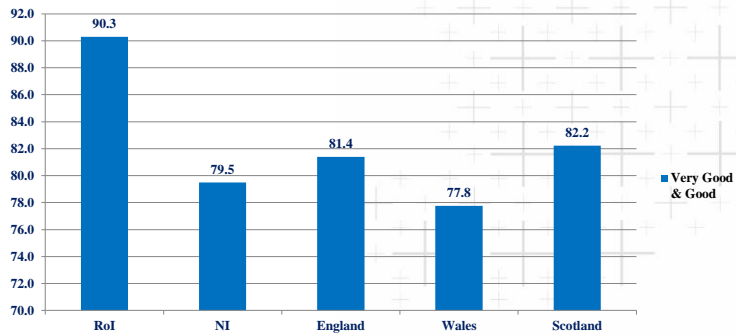
- Very good
- Good
- Fair
- Bad
- Very bad

24 How is your health in general?

- Very good Good Fair Bad Very bad
-

Health

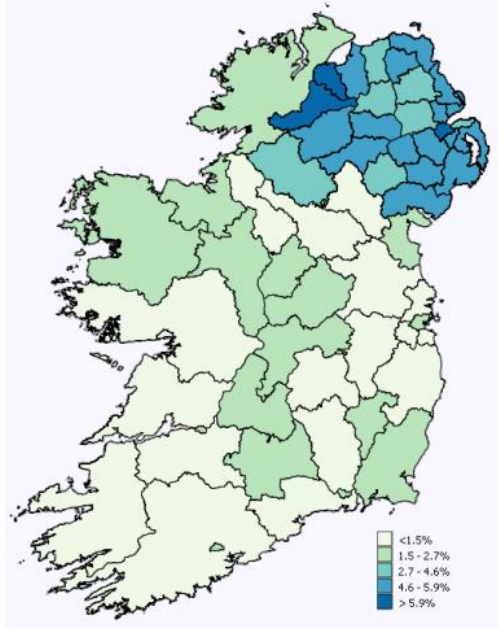
- Major difference between Health scores in RoI and UK
 - Northern Ireland is similar to the rest of UK
 - More in line with Wales
- What are the reasons for this?
 - RoI more optimistic than others – ‘We’re grand’
 - Possible higher link between self perceived health and Benefits claim in UK
 - More developed gathering of health data in UK than RoI (it’s a new question)



Health

Bad or Very Bad Health, 2011

Rep of Ireland: 1.6%
N. Ireland: 5.6%



Thanks


Questions?

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Improving evidence informed planning on the island of Ireland **AIRO.IE**



All-Island Research Observatory
An tIonad Breathnaithe um Thaighde Uile-Éireann



- + MAPS
- + STATISTICS
- + RESEARCH
- + TRAINING
- + POLICY
- + CONSULTANCY

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