

Esmond Birnie
Lecturer
Ulster University Business School
Ulster University Business School
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Shore Road
Jordanstown Campus
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Research outputs

A critical review of competitiveness measurement in Northern Ireland

Birnie, E., Johnston, R., Heery, L. & Ramsey, E., 3 Oct 2019, In: Regional Studies. 53, 10, p. 1494-1504 11 p.

Rebalancing and regional economic performance: Northern Ireland in a Nordic Mirror

Brownlow, G. & Birnie, E., 8 Feb 2018, In: Journal of Economic Affairs. 38, 1, p. 58-73 15 p.

Should the fiscal powers of the Northern Ireland Assembly be enhanced?

Birnie, E. & Brownlow, G., 9 Aug 2016, (E-pub ahead of print) In: Regional Studies. 51, 9, p. 1429-39 11 p.

Activities

Report on the New Decade New Approach Agreement

Esmond Birnie (Speaker)
16 Jul 2020

Oral evidence given to House of Commons Department for Exiting the EU Committee

Esmond Birnie (Speaker)
15 Oct 2019

Brexit economic impact

Esmond Birnie (Speaker)
7 Dec 2018

Press/Media

"£100m cost of 16 day Christmas shut-down sparks calls for change"

Esmond Birnie
23/12/19
1 Media contribution

"£100m...cost to Primark and businesses in wake of 2018 blaze"

Esmond Birnie
26/08/19
1 Media contribution

"£1.25bn Navy deal for five frigates seen as "a lifeline" for shipyard"

Esmond Birnie
13/09/19
1 Media contribution

"2025 before economy recovers from Covid-19"

Esmond Birnie

15/07/20

1 Media contribution

"3 decades of growth under threat as violence returns to Northern Ireland"

Esmond Birnie

18/04/21

1 Media contribution

A case of crumbs, welcome though they are, moved from plate to plate around the table"

Esmond Birnie

28/01/20

1 Media contribution

"A lack of competitiveness means we can't stand still"

Esmond Birnie

7/05/19

1 Media contribution

Alarm over "low" spending on Brexit

Esmond Birnie

7/06/19

1 Media contribution

"All talk NO action! Furious Brexiter blasts Boris over £850m-a-year cost of EU red tape".

Esmond Birnie

13/08/21

1 Media contribution

"Almost all civil servants get a pay increase"

Esmond Birnie

10/12/20

1 Media contribution

"Always deja-vu when it comes to UK's relations with the European Union"

Esmond Birnie

22/10/19

1 Media contribution

Analysis of Manifesto/General Election commitments of 5 largest NI Parties

Esmond Birnie

5/12/19

1 Media contribution

Analysis of public spending aspects of health service difficulties in NI

Esmond Birnie

5/12/19

1 Media contribution

A report worth considering, but in the end it'll take two to tango

Esmond Birnie

24/08/19

1 Media contribution

Assessment of Bank of England forecasts re. Brexit economic impact

Esmond Birnie

29/11/18

1 Media contribution

"Bailout for Wrightbus and H&W could be part of DUP negotiations with Johnson"

Esmond Birnie

25/07/19

1 Media contribution

BBC News Channel TV interview re. economic impact of the Open 2019

Esmond Birnie

18/07/19

1 Media contribution

Benefits (including unintended) for NI economy from possible policies of Biden Presidency

Esmond Birnie

19/01/21

1 Media contribution

"Biden Whitehouse could be good news for NI: Economist"

Esmond Birnie

19/01/21

1 Media contribution

"Big decisions to be made in a glass half full, half empty situation"

Esmond Birnie

17/01/20

1 Media contribution

Big players unlikely to swoop on aviation firm

Esmond Birnie

3/05/19

1 Media contribution

Big trends for the coming decade but what it means for us

Esmond Birnie

8/01/19

1 Media contribution

"BOJO's bridge too far"

Esmond Birnie

12/09/19

1 Media contribution

Bombardier job reduction announcement on Wed. 21 November 2018

Esmond Birnie

21/11/18

1 Media contribution

Bombardier sale threatens 7,200 jobs

Esmond Birnie

3/05/19

1 item of Media coverage

"Boris Johnson's Bridge proposal pathetic distraction"

Esmond Birnie
13/09/19
2 Media contributions

"Brexit deal may hurt trade and investment in NI: Official report"

Esmond Birnie
23/10/19
1 Media contribution

"Brexit deal would leave NI with big disadvantages"

Esmond Birnie
7/12/18
1 item of Media coverage

"Bridge between NI and Scotland a great idea, insists PM...but it would cost £15bn"

Esmond Birnie
13/09/19
1 Media contribution

"Bridge to Britain cash could be better spent"

Esmond Birnie
19/02/20
1 Media contribution

Bridge to Scotland might have to stay as a pie in the sky

Esmond Birnie
19/03/19
1 Media contribution

Cancellation of Balmoral Show "blow to economy and morale of agri-food sector"

Esmond Birnie
28/04/20
1 Media contribution

"Cash strapped executive facing some very tough choices on revenue raising"

Esmond Birnie
20/02/20
1 Media contribution

"Caution urged after Murphy calls for end to "rigid fiscal rules"

Esmond Birnie
8/07/20
1 Media contribution

"Chancellor does little to close gap between Executive's aspirations and resources"

Esmond Birnie
13/03/20
1 Media contribution

"Chancellor driven by spectre of youth unemployment"

Esmond Birnie
9/07/20
1 Media contribution

Chancellor's £400m boost intensifies demands for return of Assembly to make major funding decisions

Esmond Birnie

5/09/19

1 Media contribution

Cited in radio weekly update re. NI economy

Esmond Birnie

22/11/19

1 Media contribution

Comparison of COVID-19 related death rates NI, England and Wales, Scotland and Rol up until 4 July 2020

Esmond Birnie

23/07/20

1 Media contribution

Comparisons of COVID-19 death rates in NI, Rol, GB and internationally

Esmond Birnie

26/06/20

1 Media contribution

Contribution to panel discussion on welfare reform in Northern Ireland- the prospect of the four year mitigation measures coming to an end

Esmond Birnie

4/07/19

1 Media contribution

Cost of lockdown- particularly in terms of per year of life saved (i.e. per QALY)

Esmond Birnie

31/07/20

1 Media contribution

"Could England's success spur and economic surge?"

Esmond Birnie

9/07/21

1 Media contribution

"Could England's success spur on economic surge?"

Esmond Birnie

9/07/21

1 Media contribution

"Covid-19: Can and should we put monetary value on life?"

Esmond Birnie

18/06/20

1 Media contribution

"Covid-19 results in worst UK depression in living memory"

Esmond Birnie

13/06/20

1 Media contribution

"Covid could spark 20,000 redundancies over next year"

Esmond Birnie

16/12/20

1 Media contribution

"Crashing out of EU could hurt NI economy, admits Donaldson after mass job losses warning"

Esmond Birnie

12/07/19

1 Media contribution

"Customs deal "could cost local importers up to £500m a year""

Esmond Birnie

16/10/19

1 Media contribution

Data paints mixed picture on health of economy

Esmond Birnie

14/06/19

1 Media contribution

"Data suggests Northern Ireland suffered the worst of both worlds in economics and health in 2020"

Esmond Birnie

16/01/21

1 Media contribution

"Death rate here is similar to the Republic's, not 50% higher claims leading economist"

Esmond Birnie

27/05/20

1 Media contribution

Decline may be hard to believe, but it's consistent with our manufacturing woes

Esmond Birnie

13/12/18

1 Media contribution

"Devil is the detail regarding how we'll fare when the UK goes it alone"

Esmond Birnie

31/01/20

1 Media contribution

"Do the Northern Ireland parties' election manifestos add up?"

Esmond Birnie

10/12/19

1 Media contribution

"Dr Esmond Birnie: Parties put in their lists to Santa Claus but not everything adds up"

Esmond Birnie

5/12/19

1 Media contribution

"DUP plan electricity link to Iceland"

Esmond Birnie

29/11/19

1 Media contribution

"Economic activity rises 1% over the year"

Esmond Birnie

11/10/19

1 Media contribution

Economic cost (impact on GDP) on Northern Ireland of the further 2 weeks of COVID-related restrictions

Esmond Birnie

15/10/20

1 Media contribution

Economic growth in North lagging behind UK rivals, says report

Esmond Birnie

21/05/19

1 Media contribution

Economic impact of COVID-19 recession

Esmond Birnie

13/05/20

1 Media contribution

Economics of proposal to build a bridge from Northern Ireland to Scotland

Esmond Birnie

25/01/19

1 Media contribution

"Economist: Any assessment of the Scotland-Northern Ireland bridge should not just be about feasibility but also cost-benefit"

Esmond Birnie

11/02/20

1 Media contribution

"Economist Esmond Birnie on Covid: Based on the last 100 years we will get past this crisis"

Esmond Birnie

29/10/20

1 Media contribution

"Economist queries Joe Biden's "history" of Famine and "the Brits"- concern could "distort" NI policy"

Esmond Birnie

29/03/21

1 Media contribution

"Economy "could lose £4m" after Twelfth cancelled

Esmond Birnie

7/04/20

1 Media contribution

"Economy in Northern Ireland faces long climb back to normal output"

Esmond Birnie

15/09/20

1 Media contribution

"Empty offices cost city £200m in lost business"

Esmond Birnie

1/09/20

1 Media contribution

"Esmond Birnie: Devolution not guaranteed to boost NI economy"

Esmond Birnie

3/01/20

1 Media contribution

"Esmond Birnie: Northern Ireland versus Slovakia- Assessing which economy wins"

Esmond Birnie

12/11/20

1 Media contribution

"Esmond Birnie: Reaching deal is only beginning for new Executive"

Esmond Birnie

10/01/20

1 Media contribution

Evaluation of the options re. Brexit negotiations and "deal"

Esmond Birnie

27/11/18

1 Media contribution

"Expect a downbeat report of growth prospects"

Esmond Birnie

9/03/20

1 Media contribution

External sales by NI firms tumble 10% in wake of Gallaher's closure

Esmond Birnie

22/03/19

2 Media contributions

"Extra cash will come with the price tag of accountability and control"

Esmond Birnie

14/01/20

1 Media contribution

"FDI to suffer as a result of Brexit; Study"

Esmond Birnie

27/03/19

1 Media contribution

"Government may be wary of bailout to coachworks"

Esmond Birnie

25/07/19

1 Media contribution

"Government response is now critical to stop NI economy from heading in downward spiral"

Esmond Birnie

19/03/20

1 Media contribution

"Greed might not be good but does vaccine profit have to be bad?"

Esmond Birnie

15/04/21

1 Media contribution

History shows that we must be cautious about forecasts

Esmond Birnie

29/11/18

1 Media contribution

"Hit to local economy by 2025 may be up to £2.7bn"

Esmond Birnie

15/07/20

1 Media contribution

"How can you keep social distancing on public transport"

Esmond Birnie

16/05/20

1 Media contribution

"How is Brexit affecting the Northern Ireland economy?"

Esmond Birnie & Graham Brownlow

1/02/21

1 Media contribution

How much is the Open worth to Northern Ireland?

Esmond Birnie

19/07/19

1 Media contribution

How to respond to climate change

Esmond Birnie

30/06/19

1 Media contribution

"How will COVID-19 affect the Northern Ireland economy?"

Esmond Birnie & Graham Brownlow

1/06/20

1 Media contribution

"I cannot and will not accept offer of an extra £1bn: Finance Minister"

Esmond Birnie

16/01/20

1 Media contribution

Impact of COVID-19 recession in NI

Esmond Birnie

14/05/20

1 Media contribution

Impact on Northern Ireland economy of the UK-EU Trade and Co-operation Agreement 24 December 2020

Esmond Birnie

24/12/20

1 Media contribution

"Indicative votes, missing MPs and cabinet rifts"

Esmond Birnie

3/04/19

1 Media contribution

"It could take years for NI's economy to recover: Expert"

Esmond Birnie

12/09/20

1 Media contribution

It is a mistake to assume that a No Deal Brexit would be a disaster for the NI economy

Esmond Birnie

19/06/19

1 Media contribution

"It may be lawful for Stormont to break its promises, but there's still a price"

Esmond Birnie

16/10/21

1 Media contribution

"it will take £5bn to get Northern Ireland running again Boris Johnson warned by economist Birnie"

Esmond Birnie

14/01/20

1 Media contribution

Lack of competitiveness means we can't stand still

Esmond Birnie

7/05/19

1 Media contribution

"Liberalising abortion law will cost £5m and stretch out health service: economist"

Esmond Birnie

22/07/19

1 Media contribution

"Local economy off pace for twenty years"

Esmond Birnie

20/12/19

1 Media contribution

"Lockdown blamed for economic output fall"

Esmond Birnie

9/07/21

1 Media contribution

"London is rightly trying to defend benefits of the UK internal market"

Esmond Birnie

30/07/20

1 Media contribution

"May's deal will leave NI in a damaging mode of dependency, says economist"

Esmond Birnie

7/12/18

1 Media contribution

"Medic issues warning as public flock to shops ahead of shutdown"

Esmond Birnie

21/11/20

1 Media contribution

"More collapses, fewer jobs and higher taxes"

Esmond Birnie

20/04/20

1 Media contribution

"New immigration system will "decimate" NI tourism and hospitality"

Esmond Birnie

20/02/20

1 Media contribution

"New lockdown could wipe over £2bn off our economy"

Esmond Birnie

13/10/20

1 Media contribution

"News help increase certainty for the local workforce"

Esmond Birnie

14/02/20

1 Media contribution

"NI economic output growth ahead of UK average but at risk of stagnating"

Esmond Birnie

12/04/19

1 Media contribution

"NI economy "worst of all G20 countries last year""

Esmond Birnie

13/02/21

1 Media contribution

"NI households have £3.3k less disposable income than Republic"

Esmond Birnie

8/02/21

1 Media contribution

"NI may face financial Waterloo"

Esmond Birnie

28/08/20

1 Media contribution

"NI may face "much greater" border infrastructure"

Esmond Birnie

11/07/20

1 Media contribution

"NI now hopes Boris can splash the cash"

Esmond Birnie

14/01/20

1 Media contribution

NI's comparative COVID-19 related death rate

Esmond Birnie

29/06/20

1 Media contribution

No Deal Brexit would hit NI economy by at least 3%

Esmond Birnie

5/09/19

1 Media contribution

"Northern Ireland economy after 100 years"

Esmond Birnie

8/06/21

1 Media contribution

Northern Ireland to Scotland bridge not financially viable, says top economist

Esmond Birnie

5/07/19

1 Media contribution

"Now even worse economic slump of 11% is feared by leading bank"

Esmond Birnie

2/07/20

1 Media contribution

"Options for executive limited but walking away isn't one"

Esmond Birnie

17/01/20

1 Media contribution

"Options limited as restored Stormont has aspirations far in excess of cash resources"

Esmond Birnie

25/02/20

1 Media contribution

"Our economy needs recuperation, not a constitutional shock"

Esmond Birnie

1/05/21

1 Media contribution

Over the moon: how does our economy in NI today fare compared to 1969?

Esmond Birnie

3/09/19

1 Media contribution

"Pandemic behind slowest population rise in NI since 1999"

Esmond Birnie

26/06/21

1 Media contribution

"Pay freeze will hit hard here, but boosted defence spending may be boon"

Esmond Birnie

26/11/20

1 Media contribution

"PFI: NI finances troubling"

Esmond Birnie

17/10/19

1 Media contribution

"PM has tacitly admitted the NI-Scotland bridge is dead"

Esmond Birnie

8/10/21

1 Media contribution

"Possible tax varying and revenue raising power for NI Assembly/Executive"

Esmond Birnie

27/05/21

1 Media contribution

"Post-Brexit trade: What is story with the North and Britain?"

Esmond Birnie

29/08/21

1 Media contribution

Press releases providing analyses of Party General Election commitments

Esmond Birnie

4/12/19

1 Media contribution

"Primark fire and Covid closed our doors for most of the last three years"

Esmond Birnie

22/12/20

1 Media contribution

"Public to have their say on Ice Bowl revamp after a five year stalemate"

Esmond Birnie

9/10/19

1 Media contribution

Radio interview re. possible business and economic cost of the NI Protocol within the proposed Withdrawal Agreement (PM Johnson) UK-EU

Esmond Birnie

16/10/19

1 Media contribution

Re. cost of maintaining Stormont Assembly during period of non-operation

Esmond Birnie

11/10/19

1 Media contribution

"Re-orientating the Northern Ireland economy towards the EU will be costly, say economists"

Esmond Birnie & Graham Brownlow

9/02/21

1 Media contribution

"Republic's corporation tax increases leave MLAs to consider changes- Impact on tax havens unclear"

Esmond Birnie

9/10/21

1 Media contribution

Response to further package of employment measures from Chancellor of the Exchequer

Esmond Birnie

9/10/20

1 Media contribution

"Return to lockdown would cost £700m, warns NI economist"

Esmond Birnie

22/09/20

1 Media contribution

Risk of another prolonged recession with a badly damaged labour market

Esmond Birnie

14/05/20

1 Media contribution

"Scrutinising NI's sizeable fiscal deficit is interesting"

Esmond Birnie

18/02/20

1 Media contribution

"Second quarter saw a record downturn locally, but what recovery awaits in next set of results?"

Esmond Birnie

9/10/20

1 Media contribution

"Senior economist: Patients will die if we don't manage budgets correctl"

Esmond Birnie

23/11/19

1 Media contribution

Short-term fixes ignore clouds on horizon

Esmond Birnie

1/04/20

1 Media contribution

Six economists give their predictions for 2019

Esmond Birnie

1/01/19

1 Media contribution

"Spectacular event expected to leave lasting impact on local economy"

Esmond Birnie

23/07/19

1 Media contribution

Spending plans sees £400m extra for Stormont budgets

Esmond Birnie

5/09/19

1 Media contribution

"State may help out, but would be wary of long-term assistance"

Esmond Birnie

31/07/19

1 Media contribution

"Stormont Deal: Experts examine the deal"

Esmond Birnie

10/01/20

1 Media contribution

"Stormont's shutdown has cost us £100m, says economist"

Esmond Birnie

11/10/19

1 Media contribution

"Taxing issue could be addressed by handing Assembly new fiscal powers"

Esmond Birnie

20/01/20

1 Media contribution

Teeing off The Open: the data behind the championship in Portrush

Esmond Birnie

17/07/19

1 item of Media coverage

"The extent to which the EU was a boost to NI has been exaggerated"

Esmond Birnie

27/02/20

1 Media contribution

"The Irish Sea border is costing Northern Ireland £850m a year"

Esmond Birnie

12/08/21

1 Media contribution

"The lessons from RHI give us a once in a generation chance to improve politics in NI"

Esmond Birnie

13/03/20

1 Media contribution

"There is still no sign of a clear difference in the Covid-19 death rate between Northern Ireland and the Republic of Ireland"

Esmond Birnie

15/07/20

1 Media contribution

"There may be some extra money for us but UK-EU trade deal remains in the air"

Esmond Birnie

14/12/19

1 Media contribution

Thomas Chalmers- a very public faith of golf and God

Esmond Birnie

29/08/19

1 Media contribution

"Top economist: Major problems obscured"

Esmond Birnie

17/10/19

1 Media contribution

"Tories claim Brexit deal would not mean Irish Sea admin- but expert says that's wrong"

Esmond Birnie

28/11/19

1 Media contribution

"Trade after Brexit tied up in knots: For Northern Ireland, Brexit means red tape and government subsidies"

Esmond Birnie

4/09/21

1 Media contribution

"Trump might be pro Brexit, Biden will cite NI peace deal"

Esmond Birnie

4/11/20

1 Media contribution

"Trump Presidency will make trade deal more likely while Biden will cite defence of Belfast Agreement"

Esmond Birnie

4/11/20

1 Media contribution

"Turbulent times lie ahead...but it's not all doom for Belfast workforce"

Esmond Birnie

3/05/19

1 Media contribution

"Unification cost would be "heavy" for N and S"

Esmond Birnie

18/09/19

1 Media contribution

US Presidential Election 2020 implications for NI economy

Esmond Birnie

2/11/20

1 Media contribution

US Presidential Election 2020 Implications for NI economy

Esmond Birnie

4/11/20

1 Media contribution

"We cannot assume that North-South trade offsets the problems of Northern Ireland Protocol"

Esmond Birnie

21/08/21

1 Media contribution

"We must avoid a further lockdown"

Esmond Birnie

4/08/20

1 Media contribution

"We need £5bn"

Esmond Birnie

14/01/20

1 Media contribution

"We're in a much better place but not completely out of the woods"

Esmond Birnie

3/12/20

1 Media contribution

We should expect a different world on the other side

Esmond Birnie

13/04/20

1 Media contribution

What are some of the trends to watch out for in 2020

Esmond Birnie

3/01/20

1 Media contribution

"Whatever the results, the US will continue to play a key role in our economy"

Esmond Birnie

30/10/20

1 Media contribution

What has been the impact of Covid-19 on the NI economy?

Esmond Birnie

26/10/20

1 Media contribution

"What has been the impact of COVID-19 on the Northern Ireland economy?"

Esmond Birnie & Graham Brownlow

8/04/21

1 Media contribution

"What it means for the economy there: Lifting of Covid restrictions in Northern Ireland"

Esmond Birnie

24/05/21

1 Media contribution

What our priorities must be to promote a recovery

Esmond Birnie

13/08/20

1 Media contribution

"Why harsh diagnosis is needed to cure the NI economy of its ills"

Esmond Birnie

10/12/19

1 Media contribution

Why the connection with the US is no longer as important as it was

Esmond Birnie

2/07/19

1 Media contribution

"Why the shockwaves of Bombardier job losses will be felt far beyond east Belfast"

Esmond Birnie

22/11/18

1 Media contribution

"Why the UK-Australia trade deal could be very bad news for Northern Ireland"

Esmond Birnie

26/06/21

1 Media contribution

"Why we can't afford a second general lockdown"

Esmond Birnie

31/07/20

1 Media contribution

"With an array of negative Brexit headlines we ask what are the positives of Brexit for the economy"

Esmond Birnie

22/02/19

1 Media contribution

Academic Publications including those before coming to Ulster University

Journal articles:

- D.M.W.N. Hitchens and J.E. Birnie 1989, "The United Kingdom's Productivity Gap: Its Size and Causes", *Omega International Journal of Management Science*, vol. 17, no. 3, pp. 209-21.
- D.M.W.N. Hitchens and J.E. Birnie 1989, "Productivity Levels in Northern Ireland Manufacturing Industry: A Comparison with Great Britain", *Regional Studies*, vol. 23, no. 5, pp. 447-54.
- D.M.W.N. Hitchens and J.E. Birnie 1989, "Economic Development in Northern Ireland: Has Pathfinder lost its way? A Reply", *Regional Studies, Policy Review Section*, vol. 23, no. 5, pp. 477-83.
- D.M.W.N. Hitchens, K. Wagner and J.E. Birnie 1991, "Northern Ireland's Productivity Failure: A Matched Plant Comparison with West Germany", *Regional Studies*, vol. 25, no. 2, pp. 111-21.
- D.M.W.N. Hitchens, J.E. Birnie and K. Wagner 1992, "Competitiveness and Regional Development: The case of Northern Ireland", *Regional Studies, Policy Review Section*, vol. 26, no. 1, pp. 106-14.
- D.M.W.N. Hitchens, K. Wagner and J.E. Birnie 1992, "Measuring the Contribution of Product Quality to Competitiveness: A Note on Theory and Policy", *The Economic and Social Review*, vol. 23, no. 4, pp. 455-63.
- J.E. Birnie and D.M.W.N. Hitchens 1994, "Comparative Manufacturing Productivity in the Republic of Ireland", *Regional Studies, Policy Review Section*, vol. 28, no. 7, pp. 747-53.
- Esmond Birnie 1994, "The Social Market Economy", *Journal of the Irish Christian Studies Centre*, vol. 5, pp. 34-44.
- David M.W.N. Hitchens, Karin Wagner, John E. Birnie, Judit Hamar and Alena Zemplerova 1995, "The Comparative Productivity of Manufacturing Plants in the Czech Republic and Hungary", *Economic Systems*, vol. 19, no. 3, pp. 187-218.
- D.M.W.N. Hitchens, J.E. Birnie and K. Wagner 1996, "A Matched Plant Comparison of Productivity in East and West Germany: Transition to the Market Economy", *Omega International Journal of Management Science*, vol. 24, no. 3, pp. 321-35.
- David M.W.N. Hitchens, Karin Wagner, Esmond Birnie, Judit Hamar and Alena Zemplerova 1996, "Prospects for Manufacturing in the Czech Republic, Hungary and East Germany", *Mocst-Most*, no. 2, pp. 81-110.
- D.M.W.N. Hitchens and J.E. Birnie 1996, "The Potential for a Belfast-Dublin Economic Corridor", *Australasian Journal of Regional Studies*, vol. 2, no. 2, pp. 167-87.
- J. Esmond Birnie Spring 1997, "Testing the Foundations of Theonomy and Reconstruction", *Scottish Bulletin of Evangelical Theology*, vol. 15, no. 1, pp. 8-26.
- J.E. Birnie 1997, "Irish farming labour productivity: Comparisons with the UK, 1930s-1990", *Irish Economic and Social History*, vol. XXIV, pp. 22-41.
- D.M.W.N. Hitchens, J.E. Birnie, A McGowan, U. Triebswetter and A. Cottica 1998, "Investigating the Relationship between Company Competitiveness and Environmental Regulation in European Food Processing: Results of a Matched Firm Comparison", *Environment and Planning A*, vol. 30, pp. 1585-1602.
- J.E. Birnie and D.M.W.N. Hitchens 1998, "Productivity and Income Per Capita Convergence in a Peripheral European Economy: The Irish Experience", *Regional Studies*, vol. 32, no. 3, pp. 223-34.
- J.E. Birnie Fall 1999, "Utilitarian Economics: A Theory of Immoral Sentiments", *Christian Scholar's Review*, vol. XXIX, pp. 11-24.
- Esmond Birnie and David Hitchens 2001, "Chasing the Wind? Half a Century of Economic Strategy Documents in Northern Ireland", *Irish Political Studies*, vol. 16, pp. 1-27.
- J.E. Birnie and G. Brownlow 2016, "Should the fiscal powers of the Northern Ireland Assembly be enhanced?", *Regional Studies*, November, pp. 1-11.
- G. Brownlow and J.E. Birnie 2018, "Rebalancing and regional economic performance: Northern Ireland in a Nordic mirror", *Journal of Economic Affairs*, vol. 38, no. 1, pp. 58-73.
- E. Birnie, R. Johnston, L. Heery and E. Ramsey 2019, "A critical review of competitiveness measurement in Northern Ireland", *Regional Studies*, March, published online.

Reports:

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