The cumulative impact of tax and welfare reforms

Country-specific appendix: Scotland

Jonathan Portes, Aubergine Analysis and King’s College London, and Howard Reed, Landman Economics
Equality and Human Rights Commission Research Report Series


The views expressed in this report are those of the authors and do not necessarily represent the views of the Commission. The Commission is publishing the report as a contribution to discussion and debate.

Please contact the Research Team for further information about other Commission research reports, or visit our website.

Post: Research Team
Equality and Human Rights Commission
Arndale House
The Arndale Centre
Manchester M4 3AQ

Email: research@equalityhumanrights.com
Telephone: 0161 829 8100
Website: www.equalityhumanrights.com

You can download a copy of this report as a PDF from our website:
www.equalityhumanrights.com

If you require this publication in an alternative format, please contact the Communications Team to discuss your needs at:
correspondence@equalityhumanrights.com
Acknowledgements

Data from the Family Resources Survey, Living Cost and Food Survey and Labour Force Survey are Crown Copyright and are provided by kind courtesy of the ESDS Data Archive at the UK Data Service, University of Essex.
Introduction

This appendix shows versions of most of the graphical figures from the report ‘The cumulative impact of tax and welfare reforms’. Most of the figures from the report used data for the whole of Great Britain: this appendix presents equivalent figures using data just for Scotland. The only figures excluded are where the data in the main report are already presented separately for England, Wales and Scotland. We have also suppressed results where the sample size is too small for a reliable analysis to be undertaken for Scotland (for example, some of the ethnicity breakdowns).

The chapter headings and figure headings are the same as those used in the main report.
Cumulative assessment of the impact of reforms at the household level

Figure 4.1 Cash impact of reforms to taxes and transfer payments by household net income decile and type of reform, 2021-22 tax year: Scotland

Figure 4.2 Percentage impact of reforms to taxes and transfer payments by household net income decile and type of reform, 2021-22 tax year: Scotland

Figure 4.3 Cash impact of reforms to taxes and transfer payments by household net income decile by Parliament of introduction, 2021-22 tax year: Scotland

Figure 4.6 Cash impact of reforms to taxes and transfer payments by household ethnicity (broad classification) and type of reform, 2021-22 tax year: Scotland


Figure 4.7 Cash impact of reforms to taxes and transfer payments by household ethnicity (detailed classification) and type of reform, 2021-22 tax year: Scotland

Analysis not presented because FRS sample sizes too small for reliable results to be calculated.
Figure 4.8 Cash impact of reforms to taxes and transfer payments by adult–child household disability status and type of reform, 2021-22 tax year: Scotland

Figure 4.9 Cash impact of reforms to taxes and transfer payments by household disability score and type of reform, 2021-22 tax year: Scotland

Figure 4.10 Cash impact of reforms to direct tax and transfer payments by specific functional disability, 2021-22 tax year: Scotland

Figure 4.11 Cash impact of reforms to taxes and transfer payments by household demographic type and type of reform, 2021-22 tax year: Scotland

Figure 4.12 Cash impact of reforms to taxes and transfer payments by number of children in household and type of reform, 2021-22 tax year: Scotland

Figure 4.13 Cash impact of reforms to taxes and transfer payments by number of children in household and Parliament of introduction, 2021-22 tax year: Scotland

Figure 4.14 Cash impact of reforms to taxes and transfer payments by average age of adults in household and type of reform, 2021-22 tax year: Scotland

Figure 4.15 Cash impact of reforms to taxes and transfer payments by average age of adults in household and Parliament of introduction, 2021-22 tax year: Scotland

5| Intersectional analysis of the distributional impact of reforms by household and individual characteristics

Figure 5.1 Overall cash impact of reforms to taxes and transfer payments by household demographic type and income quintile, 2021-22 tax year: Scotland

Figure 5.2 Overall percentage impact of reforms to taxes and transfer payments by household demographic type and income quintile, 2021-22 tax year: Scotland

The cumulative impact of tax and welfare reforms: Scotland country-specific appendix

Figure 5.3 Cash impact of reforms to taxes and transfer payments by household disability status for lone-parent households, 2021-22 tax year: Scotland

Figure 5.4 Cash impact of reforms to taxes and transfer payments by household disability status for couple households with children, 2021-22 tax year: Scotland

Figure 5.5 Cash impact of reforms to taxes and transfer payments by household disability score for various household demographic types, 2021-22 tax year: Scotland

Figure 5.6 Cash impact of reforms to direct tax and transfer payments by gender and income decile, 2021-22 tax year: Scotland

Figure 5.7 Contribution of different types of reform to overall cash impact, men by income decile, 2021-22 tax year: Scotland

Figure 5.8 Contribution of different types of reform to overall cash impact, women by income decile, 2021-22 tax year: Scotland

Figure 5.9 Impact of Universal Credit being paid to the primary earner instead of split 50/50 between both partners, men and women in couples by household income decile, 2021-22 tax year: Scotland

Figure 5.10 Cash impact of reforms to direct tax and transfer payments by gender and age group, 2021-22 tax year: Scotland

Figure 5.11. Contribution of different types of reform to overall cash impact, men by age group, 2021-22 tax year: Scotland

Figure 5.12. Contribution of different types of reform to overall cash impact, women by age group, 2021-22 tax year: Scotland

Figure 5.13 Impact of Universal Credit being paid to the primary earner instead of split 50/50 between partners, men and women in couples by age, 2021-22 tax year: Scotland

The cumulative impact of tax and welfare reforms: Scotland country-specific appendix

Figure 5.14 Cash impact of reforms to direct tax and transfer payments by gender, disability status and income tertile, 2021-22 tax year: Scotland

Figure 5.15 Cash impact of reforms to direct tax and transfer payments for men by ethnicity and income tertile, 2021-22 tax year: Scotland
Analysis not presented because FRS sample sizes too small for reliable results to be calculated

Figure 5.16 Cash impact of reforms to direct tax and transfer payments for women by ethnicity and income tertile, 2021-22 tax year: Scotland
Analysis not presented because FRS sample sizes too small for reliable results to be calculated

Figure 5.17 Overall cash impact of reforms to direct tax and transfer payments by age group and individual disability ‘score’, 2021-22 tax year: Scotland


Note: results for 18-24 and 25-34 age groups not presented because sample size too small in some of the disability score subgroups.
Figure 5.18 Overall cash impact of reforms to direct tax and transfer payments by disability, ethnicity and gender, 2021-22 tax year: Scotland

Analysis not presented because FRS sample sizes too small for reliable results to be calculated.

Figure 5.19 Overall cash impact of reforms to direct tax and transfer payments by individual disability ‘score’ and income quintile, 2021-22 tax year: Scotland

Figure 5.20 Overall cash impact of reforms to direct tax and transfer payments by age group and household income quintile, 2021-22 tax year: Scotland


Figure 5.21 Overall cash impact of reforms to direct tax and transfer payments by age group and ethnicity, 2021-22 tax year: Scotland

Analysis not presented because FRS sample sizes too small for reliable results to be calculated.
6 Distributional impact of specific reforms

Figure 6.8 Cash impact of specific policy reforms by household income decile, 2021-22 tax year: Scotland

Figure 6.9 Percentage impact of specific policy reforms by household income decile, 2021-22 tax year: Scotland

Source: Landman Economics tax-transfer model analysis using FRS pooled dataset 2012-13 to 2015-16.
Figure 6.10 Cash impact of specific policy reforms by household disability 'score’, 2021-22 tax year: Scotland

Figure 6.11 Cash impact of specific policy reforms by household demographic status, 2021-22 tax year: Scotland

The cumulative impact of tax and welfare reforms: Scotland country-specific appendix

Figure 6.11 Cash impact of specific policy reforms by number of children in household, 2021-22 tax year: Scotland

8 | Winners and losers from the reforms

Figure 8.1 Size distribution of gains and losses by household income decile, Scotland, 2021-22 tax year

Figure 8.2 Size distribution of winners and losers by household demographic status, Scotland, 2021-22 tax year


Figure 8.3 Size distribution of winners and losers by number of children in household, Scotland, 2021-22 tax year

The cumulative impact of tax and welfare reforms: Scotland country-specific appendix

Figure 8.4 Size distribution of winners and losers by detailed household ethnicity, Scotland, 2021-22 tax year

Analysis not presented because FRS sample sizes too small for reliable results to be calculated.

Figure 8.5 Size distribution of winners and losers by household disability ‘score’, Scotland, 2021-22 tax year

9 | Impact of the reforms on work incentives

Figure 9.1 Average annual percentage impact of reforms to direct taxes, transfer payments and National Living Wage by employment status of working-age households, 2021/22 tax year: Scotland

Appendix B: Analysis of the distributional impact of reforms by other protected characteristics

Figure B.1 Cash impact of reforms to taxes and transfer payments by married or cohabiting status and type of reform, 2021-22 tax year: Scotland

Figure B.2 Cash impact of reforms to taxes and transfer payments by maternity status and type of reform, 2021-22 tax year: Scotland

Appendix C: Analysis of the impact of using Rossi/RPI uprating from 2015–16 to 2021–22 in the baseline scenario

Figure C.1 Cash impact of reforms to taxes and transfer payments by household income decile using Rossi/RPI uprating for the 2010–22 period, and comparison with total cash impact using default uprating, 2021-22 tax year: Scotland

Appendix D: Analysis of the impact of varying assumptions on take-up rate of Universal Credit

Figure D.1 Cash impact of the introduction of Universal Credit (marginal effects of UC and total change in net income after all reforms) by household income decile under three different assumptions regarding the take-up rate for UC, 2021-22 tax year: Scotland

Appendix E: Distributional effects of reforms using a measure of household disability ‘score’ divided by household size

Figure E.1 Cash impact of reforms to taxes and transfer payments by household disability score divided by size of household, 2021-22 tax year: Scotland