

IUNA Publication List

In addition to the summary findings found on this webpage www.iuna.net , many secondary analyses have also been carried out using our dietary survey data and are published as conference abstracts and full papers in peer-reviewed scientific journals. The list below includes published findings from our surveys and currently dates back to 2010. This list is not exhaustive but serves as a resource for findings on the dietary and lifestyle habits of the Irish population as determined by our nationally representative surveys.

2016

Peer reviewed full papers

McNulty BA, Nugent AP, Walton J, *et al.* (2016) Iodine in the Irish population – is there cause for concern? *Br J Nutr* (In press)

Hayes A, Hennessey A, Walton J, *et al.* (2016) Phylloquinone intakes and food sources, vitamin K status, and associations with a marker of bone resorption in a nationally representative sample of Irish adults. *J. Nutr* (In press)

O'Connor L, Walton J and Flynn A (2016) Fruit and vegetable intakes, sources and contribution to total diet, in very young children (1–4 years): The Irish National Pre-School Nutrition Survey. *Br J Nutr* 115 (12): 2016-2202.

Li K, Brennan L, McNulty BA, *et al.* (2016) Plasma fatty acid patterns reflect dietary habits and metabolic health: a cross-sectional study. *Mol Nutr Food Res* [Epub ahead of print] doi: 10.1002/mnfr.20150071.

Li K, McNulty BA, Tiernery AM, *et al.* (2016) Dietary fat intakes in Irish adults in 2011: how much has changed in 10 years? *Br J Nutr* 115 (10): 1798-1809

Martyn DM, Nugent AP, McNulty BA, *et al.* (2016) Dietary intake of four artificial sweeteners by Irish pre-school children. *Food Addit Contam Part A*: 1-11.

Hennessey A, Browne F, Kiely M, *et al.* (2016) The role of fortified foods and nutritional supplements in increasing vitamin D intake in Irish preschool children. *Eur J Nut* [Epub ahead of print] DOI: 10.1007/s00394-016-1171-7

Peer-reviewed conference abstracts

Walton J, Evans K, Kehoe L, *et al.* (2016) Intakes and sources of dietary sugars in Irish pre-school children aged 1-4 years. *Proc Nutr Soc* (In press)

Evans K, Kehoe L, Walton J, *et al.* (2016) Intakes and sources of energy, macronutrients and dietary fibre in older Irish adults aged ≥ 65 years. *Proc Nutr Soc* (In press)

Kehoe L, Walton J, McNulty BA, *et al.* (2016) Dietary strategies for achieving adequate vitamin D and iron intakes in Irish pre-school children aged 1-4 years. *Proc Nutr Soc* (In press)

Kehoe L, Walton J, Nugent AP, *et al.* (2016) Impact of mandatory fortification of bread and flour with folic acid in the Republic of Ireland. *Proc Nutr Soc* (In press)

Lyons J, Walton J, McNulty BA, *et al.* (2016) Food portion sizes and their relationship with dietary energy density in Irish adults. *Proc Nutr Soc* (In press)

Geraghty A, Molloy AM, McNulty BA, *et al.* (2016) Examination of folate and dietary factors influencing the methylome in healthy adult females. *Proc Nutr Soc* (In press)

Feeney EL, McNulty BA, Walton J, *et al.* (2016) Interaction between bitter taste receptor gene TAS2R38 and obesity-related gene TMEM with respect to energy intake in an adult population. *Proc Nutr Soc* (In press)

Gibbons H, Carr E, Frost GS, *et al.* (2016) Metabolomic based identification of clusters that reflect dietary patterns. *Proc Nutr Soc* (In press)

Buffini M, O' Donovan CB, Nugent AP, *et al.* (2016) Cardiovascular disease risk in Irish adults. *Proc Nutr Soc* (In press)

Lenighan YM, Nugent AP, Li K, *et al.* (2016) Processed red meat contribution to Irish dietary patterns, defined by cluster analysis. *Proc Nutr Soc* (In press)

Evans K, Walton J and Flynn A (2016) Caffeine intake in a representative sample of Irish adults aged 18-64 years. *Proc Nutr Soc* 75, (OCE1) E40

Kehoe L, Walton J, McNulty BA, *et al.* (2016) The National Adult Nutrition Survey: Dietary determinants of micronutrient intake in older Irish adults. *Proc Nutr Soc* 75, (OCE1) E41

2015

Peer reviewed full papers

Black LJ, Walton J, Flynn A, *et al.* (2015) Small Increments in Vitamin D Intake by Irish Adults over a Decade Show That Strategic Initiatives to Fortify the Food Supply Are Needed. *J Nutr* 145 (5): 969-76.

Feeney EL, Nugent AP, McNulty BA, *et al.* (2015) An overview of the contribution of dairy and cheese intakes to nutrient intakes in the Irish diet: results from the National Adult Nutrition Survey. *Br J Nutr FirstView* (Supplement -1): 1-9.

Hennessy A, Hannon EM, Walton J, *et al.* (2015) Impact of voluntary food fortification practices in Ireland: trends in nutrient intakes in Irish adults between 1998-9 and 2008-10. *Br J Nutr* 113: 310-320.

Hopkins SM, Gibney MJ, Nugent AP, *et al.* (2015) Impact of voluntary fortification and supplement use on dietary intakes and biomarker status of folate and vitamin B-12 in Irish adults. *Am J Clin Nutr* 101(6): 1163-72

O'Brien SA, Livingstone BE, McNulty BA, *et al.* (2015) Secular trends in reported portion size of food and beverages consumed by Irish adults. *Br J Nutr* 113(07): 1148-1157

Lyons J, Walton J and Flynn A (2015) Food portion sizes and dietary quality in Irish children and adolescents. *Public Health Nutr* 18: 1444-1452

O'Connor L, Walton J and Flynn A (2015) Dietary energy density: estimates, trends and dietary determinants for a nationally representative sample of the Irish population (aged 5–90 years). *Br J Nutr* 113: 172-180.

Walton J, Hannon EM and Flynn A (2015) Nutritional quality of the school-day diet in Irish children (5-12 years). *J Hum Nutr Diet* 28(1): 73-82.

Zhao Y, Monaghan FJ, McNulty BA, *et al.* (2015) α -Tocopherol stereoisomers in human plasma are affected by the level and form of the vitamin E supplement use. *J Nutr* 145 (10): 2347-54.

Peer-reviewed conference abstracts

Devlin NFC, McNulty BA, Walton J, *et al.* (2015) Whole grain intake and nutrient health in Irish adults. *Proc Nutr Soc*, 74 (OCE1) E63

Zhao Y, Monahan FJ, McNulty BA, *et al.* (2015) Vitamin E status has an impact on plasma n-3 fatty acid proportion in a healthy adult Irish population. *Proc Nutr Soc*, 74 (OCE4) E207

Kehoe L, Walton J, McNulty BA, *et al.* (2015) Dietary determinants of vitamin D intake in Irish pre-school children aged 1–4 years. *Proc Nutr Soc* 74 (OCE4) E219

Feeney EL, Regan A, Wall P, *et al.* (2015) Nutritious and delicious? Consumer perspectives on Cheddar Cheese vs the dietary nutrient contribution of cheddar in Ireland. *Proc Nutr Soc* 74, (OCE4) E225

Hennessy A, Walton J, Hayes A, *et al.* (2015) Vitamin K1 intakes and adequacy in 18–64-year-old Irish adults over a recent decade. *Proc Nutr Soc*, 74 (OCE4) E228

Hayes A, Hennessy A, Walton J, *et al.* (2015) Associations between vitamin K status and skeletal and cardio-metabolic health indices in 18–64-year-old Irish adults. *Proc Nutr Soc*, 74 (OCE4) E229

Evans K, Walton J and Flynn A (2015) Consumption of energy drinks in a representative sample of Irish adults aged 18–64 years. *Proc Nutr Soc* 74, (OCE4) E240

Nugent AP, Devlin NFC, Walton J, *et al.* (2015) Is there a relationship between whole grain intake and biomarkers of nutritional status? *Proc Nutr Soc*, 74 (OCE4) E241

Lenighan YM, Nugent AP, Roche HM, *et al.* (2015) Processed red meat consumption, socio-demographic characteristics and cardio-metabolic risk. *Proc Nutr Soc*, 74 (OCE5) E317

Lenighan YM, Nugent AP, Li KF, *et al.* (2015) Dietary and plasma fatty acid concentrations associated with processed red meat consumption. *Proc Nutr Soc*, 74 (OCE5) E331

Kehoe L, Walton J, McNulty BA, *et al.* (2015) Dietary determinants of iron intake in Irish pre-school children. *Ann Nutr Metab* 67 (suppl 1): 1-601

McNulty BA, Nugent AP, Tlustos C, *et al.* (2015) Iodine intakes in Irish preschool children. *Ann Nutr Metab* 67 (suppl 1): 1-601

McNulty BA, Nugent AP, Tlustos C, *et al.* (2015) Iodine intakes and status in the Irish population – is there cause for concern? *Ann Nutr Metab* 67 (suppl 1): 1-601

Feeney EL, McNulty BA, Walton J, *et al.* (2015) Reported cheese consumption is not associated with dietary sodium intake, as measured by urinary excretion. *Ann Nutr Metab* 67 (suppl 1): 1-601

McNulty BA, Nugent AP, Tlustos C, *et al.* (2015) Iodine intakes and status in the Irish population – is there cause for concern? *Ann Nutr Metab* 67 (suppl 1): 1-601

Walton J, Browne F, McNulty BA, *et al.* (2015) Nutritional supplement use and impact on nutrient adequacy in older Irish adults. *Ann Nutr Metab* 67 (suppl 1): 1-601

2014

Peer reviewed full papers

Walton J, McNulty BA, Nugent AP, *et al.* (2014) Diet, lifestyle and body weight in Irish children: findings from Irish Universities Nutrition Alliance national surveys. *Proc Nutr Soc* 73: 190-200.

Black LJ, Walton J, Flynn A, *et al.* (2014) Adequacy of vitamin D intakes in children and teenagers from the base diet, fortified foods and supplements. *Public Health Nutr* 17: 721-731.

Boylan EA, McNulty BA, Walton J, *et al.* (2014) The prevalence and trends in overweight and obesity in Irish adults between 1990 and 2011. *Public Health Nutr* 17: 2389-2397.

Cashman KD, Kinsella M, McNulty BA, *et al.* (2014) Dietary vitamin D2 – a potentially underestimated contributor to vitamin D nutritional status of adults? *Br J Nutr* 112: 193-202.

Zhao Y, Monahan FJ, McNulty BA, *et al.* (2014) Effect of vitamin E intake from food and supplement sources on plasma alpha- and gamma-tocopherol concentrations in a healthy Irish adult population. *Br J Nutr* 112: 1575-1585.

Breen C, Ryan M, McNulty B, *et al.* (2014) High saturated-fat and low-fibre intake: a comparative analysis of nutrient intake in individuals with and without type 2 diabetes. *Nutr Diabetes* 3: e104.

Peer-reviewed conference abstracts

Gibbons H, McNulty BA, Nugent AP, *et al.* (2014) Identification of biomarkers of sugar sweetened beverage intake. *Proc Nutr Soc* 73, (OCE2) E45

Li KF, McNulty BA, Tierney AM, *et al.* (2014) Relationship between patterns of circulating FA and metabolic health. *Proc Nutr Soc 73*, (OCE2) E46

O'Sullivan AJ, Gibney MJ and McKeivitt AI (2014) Use of dietary exposure modelling to estimate the intake of artificial sweeteners by young children with medical conditions. *Proc Nutr Soc 73*, (OCE2) E47

Evans K, Walton J and Flynn A (2014) Food group intakes of a representative sample of pre-school children in Ireland. *Proc Nutr Soc 73*, (OCE2) E48

Hennessy Á, Joyce J, O'Connor C, *et al.* (2014) The impact of voluntary fortification practices on adequacy of micronutrient intake in older adults in Ireland. *Proc Nutr Soc 73*, (OCE2) E83

Hennessy Á, Walton J, McNulty BA, *et al.* (2014) Micronutrient intakes and adequacy of intake in older adults in Ireland. *Proc Nutr Soc 73*, (OCE2) E93

2013

Peer reviewed full papers

Hennessy Á, Walton J and Flynn A (2013) The impact of voluntary food fortification on micronutrient intakes and status in European countries: a review. *Proc Nutr Soc 72*: 433-440.

O'Connor L, Walton J and Flynn A (2013) Dietary energy density and its association with the nutritional quality of the diet of children and teenagers. *J Nutr Sci 2*: e10

Lyons J, Walton J and Flynn A (2013) Development of an online database of typical food portion sizes in Irish population groups. *J Nutr Sci 2*: e25

Cashman KD, Muldowney S, McNulty B, *et al.* (2013) Vitamin D status of Irish adults: findings from the National Adult Nutrition Survey. *Br J Nutr 109*: 1248-1256.

Walton J and Flynn A (2013) Nutritional adequacy of diets containing growing up milks or unfortified cow's milk in Irish children (aged 12–24 months). *Food Nutr Res 57*: 10.3402/fnr.v3457i3400.21836.

Devlin NF, McNulty BA, Gibney MJ, *et al.* (2013) Whole grain intakes in the diets of Irish children and teenagers. *Br J Nutr 110*: 354-362.

Hearty AP and Gibney MJ (2013) Dietary patterns in Irish adolescents: a comparison of cluster and principal component analyses. *Public Health Nutr* 16: 848-857.

Martyn DM, McNulty BA, Nugent AP, Gibney MJ (2013) Food additives and preschool children. *Proc Nutr Soc* 72: 219-225.

Peer-reviewed conference abstracts

Giltinan M, Lyons J, Walton J, *et al* (2013) Database of typical food portion sizes in Irish pre-school children aged 1–4 years. *Proc Nutr Soc*, 72 (OCE3) E131

Burns AM, Devlin NFC, McNulty BA, *et al.* (2013) Dietary intake of whole grain in Irish adults. *Proc Nutr Soc* 72, (OCE3) E135

Browne F, Walton J and Flynn A (2013) The impact of nutritional supplement use on the prevalence of inadequate micronutrient intakes in 18–64 year old Irish adults. *Proc Nutr Soc* 72, (OCE3) E136

Zhao Y, McNulty BA, Gibney ER, *et al.* (2013) The relative effects of food and food supplement on plasma vitamin E levels in a healthy adult Irish population. *Proc Nutr Soc* 72, (OCE3) E139

Lenighan YM, McNulty BA, Devlin NFC, *et al.* (2013) Intakes of omega-3 polyunsaturated fatty acids in an Irish pre-school population. *Proc Nutr Soc* 72, (OCE3) E152

Li KF, McNulty BA, Tierney AM, *et al.* (2013) Comparison of plasma PUFA concentration between supplement users and non-supplement users in Irish adults. *Proc Nutr Soc* 72, (OCE3) E153

Walton J, Gleeson A, Lyons S, *et al.* (2013) Dietary energy density (ED) in Irish children aged 1 to 4 years. *Proc Nutr Soc* 72, (OCE3) E170

Hennessy Á, Walton J and Flynn A (2013) Fortified food consumption: impact on micronutrient adequacy and compliance with dietary recommendations in Irish children 1–4 years. *Proc Nutr Soc* 72, (OCE3) E175

Giltinan M, Moloney M, O'Flynn S, *et al.* (2013) Estimation of intakes and food sources of salt in Irish pre-school children aged 1-4 years. *Ann Nutr Metab* 63 (suppl 1): 1-1960.

Browne F, Walton J and Flynn A (2013) The Contribution of Nutritional Supplements to Micronutrient intakes in Irish pre-school children aged 1-4 years. *Ann Nutr Metab* 63 (suppl 1): 1-1960.

Hennessey Á, Walton J and Flynn A (2013) The contribution of fortified foods to micronutrient intakes in Irish pre-school children aged 1-4 years. *Ann Nutr Metab* 63 (suppl 1): 1-1960.

2012

Peer reviewed full papers

Devlin UM, McNulty BA, Nugent A and Gibney MJ (2012) The use of cluster analysis to derive dietary patterns: methodological considerations, reproducibility, validity and the effect of energy mis-reporting. *Proc Nutr Soc*, 71: 599-609.

Peer-reviewed conference abstracts

Hennessey Á, Walton J, McNulty BA, *et al.* (2012) Vitamin intakes in Irish pre-school children aged 1–4 years. *Proc Nutr Soc* 71, (OCE2) E37

Hopkins SM, McNulty BA, Walton J, *et al.* (2012) Impact of voluntary fortification and supplement use on dietary intakes of folate and status in an Irish adult population. *Proc Nutr Soc* 71, (OCE2) E38

Devlin UM, McNulty BA, Nugent AP, *et al.* (2012) The effect of energy under reporting on dietary pattern analysis. *Proc Nutr Soc* 71, (OCE2) E45

Bannon S, Walton J, McNulty BA, *et al.* (2012) Dietary fibre (DF) intakes in pre–school children aged 1–4 years in Ireland. *Proc Nutr Soc* 71, (OCE2) E76

Browne F, Walton J, McNulty BA, *et al.* (2012) Mineral intakes in Irish pre-school children aged 1–4 years. *Proc Nutr Soc* 71, (OCE2) E96

Lucey AJ, Muldowney S, Walsh E, *et al.* (2012) Determinants of serum 25-hydroxyvitamin D concentrations in a nationally representative sample of Irish adults. *Proc Nutr Soc* 71, (OCE2) E99

Giltinan M, Walton J, McNulty B A, *et al.* (2012) Potassium intakes in Irish adults. *Proc Nutr Soc* 71, (OCE2) E107

Bannon S, Walton J, and Flynn A (2012) Association of fibre density with nutritional quality of the diet in Irish adults aged 18–64 years. *Proc Nutr Soc* 71, (OCE2) E147

McCrorie TA, Rennie KL, Kozarski R, *et al.* (2012) Do Irish adults meet the physical activity recommendations? *Proc Nutr Soc* 71, (OCE2) E178

Keyes L, Connaughton A, O'Reilly M, *et al.* (2012) Fruit and vegetable intakes and sources in Irish pre-school children (1–4 years): The National Pre-School Nutrition Survey. *Proc Nutr Soc* 71, (OCE2) E192

O'Brien S, Lyons J, McNulty BA, *et al.* (2012) Trends in the portion size of savoury snack intakes in Irish adults during 2001 and 2011. *Proc Nutr Soc* 71, (OCE2) E211

Walton J and Flynn A (2012) Contribution of growing-up milks to the diets of Irish children aged 12–36 months. *Proc Nutr Soc* 71, (OCE3) E246

2011

Peer reviewed full papers

Black LJ, Ireland J, Møller A, *et al.* (2011) Development of an on-line Irish food composition database for nutrients. *J Food Comp Anal* 24: 1017-1023.

Peer-reviewed conference abstracts

Giltinan M, Walton J, McNulty BA, *et al.* (2011) Sodium (Na) intakes in Irish adults. *Proc Nutr Soc* 70, (OCE3) E49

Cummins C, Bannon S, Walton J, *et al.* (2011) *Food group intakes in a representative sample of adults aged 18–64 years in Ireland.* *Proc Nutr Soc* 70, (OCE3) E50

Boylan EA, McNulty BA, Walton J, *et al.* (2011). Analysis of the anthropometric data of adults aged 65+ years participating in the National Adult Nutrition Survey. *Proc Nutr Soc* 70, (OCE3) E52

Keyes L, Walton J and Flynn A (2011) Low dietary energy density is associated with high dietary quality in Irish adults. *Proc Nutr Soc* 70, (OCE3) E53

Martyn DM, Walton J, McNulty BA, *et al.* (2011). Eating location trends in a representative sample of Irish adults. *Proc Nutr Soc* 70, (OCE3) E54

Devlin UM, McNulty BA, Walton J, *et al.* (2011) An exploration of the dietary patterns of a representative sample of Irish adults. *Proc Nutr Soc* 70, (OCE3) E55

Hopkins SM, McNulty BA, Walton J, *et al.* (2011) Folate and vitamin B12 status in a representative sample of Irish adults. *Proc Nutr Soc 70*, (OCE3) E65

Cassidy S, Muldowney S, Walsh E, *et al.* (2011) Associations between serum 25-hydroxyvitamin D, parathyroid hormone and osteocalcin in a representative sample of Irish adults aged ≥ 18 years. *Proc Nutr Soc 70*, (OCE3) E90

Lyons J, Walton J and Flynn A (2011) Food portion sizes and their relationship with intake and quality of fat in Irish children. *Proc Nutr Soc 70*, (OCE3) E110

Browne F, Walton J and Flynn A (2011) The contribution of nutritional supplements to micronutrient intake in Irish adults aged 18–64 years. *Proc Nutr Soc 70*, (OCE3) E111

Hennessy A, Walsh E, Walton J, *et al.* (2011) The contribution of fortified foods to micronutrient intake in Irish adults aged 18–64 years. *Proc Nutr Soc 70*, (OCE3) E112

Bannon S, Walton J and Flynn A (2011) The National Adult Nutrition Survey: dietary fibre intake of Irish adults. *Proc Nutr Soc 70*, (OCE3) E113

Walsh E, Walton J, McNulty BA, *et al.* (2011) Intakes of micronutrients in Irish adults (18–64 years). *Proc Nutr Soc 70*, (OCE3) E114

Boylan EA, McNulty BA, Walton J, *et al.* (2011) Trends in overweight and obesity in a representative sample of Irish adults. *Proc Nutr Soc 70*, (OCE3) E115

Devlin NFC, McNulty BA, Gibney MJ, *et al.* (2011) Dietary intakes of wholegrain in Irish children and teenagers. *Proc Nutr Soc 70*, (OCE6) E345

Gibbons H, McNulty BA, Gibney MJ, *et al.* (2011) Characterising dietary glycemic load in a representative sample of Irish adults. *Proc Nutr Soc 70*, (OCE6) E377

Tierney AM, McNulty BA, Nugent AP, *et al.* (2011) Intake of total fat, saturated, monounsaturated and polyunsaturated fatty acids in an Irish adult population. *Proc Nutr Soc 70*, (OCE6) E391

O'Brien S, McNulty B, Nugent AP, *et al.* (2011) A comparison of gender differences in food portion sizes consumed by Irish adults during 1997 and 1999. *Proc Nutr Soc 70*, (OCE6) E400

Lyons J, Walton J and Flynn A (2011) Food portion sizes and their relationship with fibre intakes in Irish children aged 5-12 years. *Ann Nutr Metab 58* (suppl 3): 1-443

Keyes L, Walton J and Flynn A (2011) Classification of free-living populations differ by calculation method of Dietary Energy Density. *Ann Nutr Metab* 58 (suppl 3): 1-443

Walton J, Hannon E and Flynn A (2011) Nutritional quality of the school-day breakfast in Irish children (5-12y). *Ann Nutr Metab* 58 (suppl 3): 1-443

Bannon S, Walton J and Flynn A (2011) Dietary patterns influencing dietary fibre intake of Irish adults aged 18-64 years. *Ann Nutr Metab* 58 (suppl 3): 1-443

Walsh E, Hannon E, Walton J, *et al.* (2011) Contribution of ready-to-eat breakfast cereals to nutrient intakes in Irish teenagers aged 13-17 years. *Ann Nutr Metab* 58 (suppl 3): 1-443

Devlin U, McNulty BA, Walton J, *et al.* (2011) An investigation of dietary patterns in the Irish adult population. *Ann Nutr Metab* 58 (suppl 3): 1-443

Martyn D, McNulty BA, Walton J, *et al.* (2011) Examination of eating locations in a representative sample of Irish adults. *Ann Nutr Metab* 58 (suppl 3): 1-443

Boylan E, McNulty BA, Walton J, *et al.* (2011) Patterns of overweight and obesity in Irish adults. *Ann Nutr Metab* 58 (suppl 3): 1-443

Hopkins S, McNulty BA, Walton J, *et al.* (2011) Adequacy of folate and Vitamin B12 status in a representative sample of Irish adults. *Ann Nutr Metab* 58 (suppl 3): 1-443

Boylan E, McNulty BA, Walton J, *et al.* (2011) Anthropometric data of a sample of Irish adults aged 65+ years. *Ann Nutr Metab* 58 (suppl 3): 1-443

2010

Peer reviewed full papers

Leite JC, Hearty AP, Nugent AP and Gibney MJ (2010) A method for assessing dietary intakes of n-3 long-chain polyunsaturated fatty acids and trans fatty acids in an Irish population. *Int J Food Sci Nutr* 61: 583-599.

Connolly A, Hearty A, Nugent A, *et al.* (2010) Pattern of intake of food additives associated with hyperactivity in Irish children and teenagers. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess* 27: 447-456.

Peer-reviewed conference abstracts

Keyes L, Walton J and Flynn A (2010) Dietary energy density of Irish teenagers aged 13 to 17 years. *Proc Nutr Soc* 69, (OCE5) E364

O'Donovan E, Walton J and Flynn A (2010) Relationship between food portion size and dietary energy density in Irish children. *Proc Nutr Soc* 69, (OCE5) E347

Connolly A, Boylan E, Hearty A, *et al.* (2010) Assessing exposure to food additives in the diets of Irish children and teenagers using three different scenarios. *Proc Nutr Soc* 69, (OCE5) E374

Bannon S, Walton J and Flynn A (2010) Dietary patterns influencing dietary fibre intake in Irish teenagers aged 13–17 years. *Proc Nutr Soc* 69, (OCE5) E375

Muldowney S, Walsh E, Walton J, *et al.* (2010) Vitamin D status in a representative sample of Irish adults aged ≥ 18 years. *Proc Nutr Soc* 69, (OCE5) E386