



Welcome to the latest issue of the weekly Obesity Knowledge Update from Public Health England. This bulletin highlights new research relating to obesity and its determinants.

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## UK and Ireland

[A study using semi-structured interview and Delphi survey to explore the barriers and enabling factors that influence access and utilisation of weight management services for people living with morbid obesity: A patient and professional perspective.](#) Holt G, Hughes D. *J Hum Nutr Diet.* 2020 Nov 10. doi: 10.1111/jhn.12832.

[Obesity in Toddlers and Young Children: Causes and Consequences.](#) Singhal A. *Nestle Nutr Inst Workshop Ser.* 2020 Nov 6;95:1-11. doi: 10.1159/000511510.

[Anticipatory changes in British household purchases of soft drinks associated with the announcement of the Soft Drinks Industry Levy: A controlled interrupted time series analysis.](#) Pell D, Penney TL, Mytton O, Briggs A, Cummins S, Rayner M, Rutter H, Scarborough P, Sharp SJ, Smith RD, White M, Adams J. *PLoS Med.* 2020 Nov 12;17(11):e1003269. doi: 10.1371/journal.pmed.1003269.

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## International

[Fatty Acid Profile of Mature Red Blood Cell Membranes and Dietary Intake as a New Approach to Characterize Children with Overweight and Obesity.](#) Jauregibeitia I, Portune K, Rica I, Tueros I, Velasco O, Grau G, Trebolazabala N, Castaño L, Larocca AV, Ferreri C, Arranz S. *Nutrients.* 2020 Nov 10;12(11):E3446. doi: 10.3390/nu12113446.

[Within-Trial Cost-Effectiveness of a Structured Lifestyle Intervention in Adults With Overweight/Obesity and Type 2 Diabetes: Results From the Action for Health in Diabetes \(Look AHEAD\) Study.](#) Zhang P, Atkinson KM, Bray G, Chen H, Clark JM, Coday M, Dutton GR, Egan C, Espeland MA, Evans M, Foreyt JP, Greenway FL, Gregg EW, Hazuda HP, Hill JO, Horton ES, Hubbard VS, Huckfeldt PJ, Jackson SD, Jakicic JM, Jeffery RW, Johnson KC, Kahn SE, Killean T, Knowler WC, Korytkowski M, Lewis CE, Maruthur NM, Michaels S, Montez MG, Nathan DM, Patricio J, Peters A, Pi-Sunyer X, Pownall H, Redmon B, Rushing JT, Steinburg H, Wadden TA, Wing RR, Wyatt H, Yanovski SZ; Look AHEAD Research Group. *Diabetes Care.* 2020 Nov 9;dc200358. doi: 10.2337/dc20-0358.

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**A longitudinal study to investigate the effects of a 12-week comprehensive lifestyle weight management program on body weight and quality of life.** Langan A, Bader A, Goedkoop S, Cummings S, Tsikitas M, Nogueira I, Campoverde Reyes KJ, Stanford FC. *Clin Nutr ESPEN*. 2020 Dec;40:125-132. doi: 10.1016/j.clnesp.2020.10.002.

**Association between Weight Status and Mental Health Service Utilization in Children and Adolescents.** Carsley S, Pope E, Tu K, Parkin PC, Toulany A, Birken CS. *J Can Acad Child Adolesc Psychiatry*. 2020 Nov;29(4):229-240.

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**Changes of Body Weight and Body Composition in Obese Patients with Prader-Willi Syndrome at 3 and 6 Years of Follow-Up: A Retrospective Cohort Study.** Bedogni G, Grugni G, Cicolini S, Caroli D, Tamini S, Sartorio A. *J Clin Med*. 2020 Nov 8;9(11):E3596. doi: 10.3390/jcm9113596.

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**Objectively measured waist circumference is most strongly associated in father-boy and mother-girl dyads in a large nationally representative sample of New Zealanders.** Hobbs M, Schoeppe S, Duncan MJ, Vandelanotte C, Marek L, Wiki J, Tomintz M, Campbell M, Kingham S. *Int J Obes (Lond)*. 2020 Nov 11. doi: 10.1038/s41366-020-00699-w.

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**Every School Healthy: Creating Local Impact Through National Efforts.** Pufall Jones E, Hatfield DP, Connolly N. *J Sch Health*. 2020 Dec;90(12):995-1003. doi: 10.1111/josh.12963.

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### ***International: Research related to COVID-19***

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## **Systematic reviews**

Grandparental dietary provision, feeding practices and feeding styles when caring for preschool-aged grandchildren: A systematic mixed methods review. Marr C, Reale S, Breeze P, Caton SJ. *Obes Rev*. 2020 Nov 10. doi: 10.1111/obr.13157.

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