



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

[Does parental concern about their child's future risk of overweight vary by their ethnic background? Cross-sectional analysis of a national cohort study.](#) Firman N, Dezateux C. *BMJ Open*. 2019 Aug 30;9(8):e027226. doi: 10.1136/bmjopen-2018-027226.

[Effects of cognitive behavioral therapy on weight maintenance after successful weight loss in women; a randomized clinical trial.](#) Madjd A, Taylor MA, Delavari A, Malekzadeh R, Macdonald IA, Farshchi HR. *Eur J Clin Nutr*. 2019 Aug 28. doi: 10.1038/s41430-019-0495-9.

[Social network influences and the adoption of obesity-related behaviours in adults: a critical interpretative synthesis review.](#) Serrano Fuentes N, Rogers A, Portillo MC. *BMC Public Health*. 2019 Aug 28;19(1):1178. doi: 10.1186/s12889-019-7467-9.

[The Daily Mile as a public health intervention: a rapid ethnographic assessment of uptake and implementation in South London, UK.](#) Hanckel B, Ruta D, Scott G, Peacock JL, Green J. *BMC Public Health*. 2019 Aug 27;19(1):1167. doi: 10.1186/s12889-019-7511-9.

[Combating Excessive Eating: A Role for Four Evidence-Based Remedies.](#) Rogers PJ. *Obesity (Silver Spring)*. 2018 Oct;26 Suppl 3:S18-S24. doi: 10.1002/oby.22280.

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International

[Interventions to promote healthy environments in family child care homes in Oklahoma-Happy Healthy Homes: study protocol for a randomized controlled trial.](#) Sisson SB, Salvatore AL, Hildebrand D, Poe T, Merchant C, Slawinski M, Kracht CL, Stoner JA, Alcalá Lazarte N, Schneider LAF, Weber J, Jones F, Ward D. *Trials*. 2019 Aug 30;20(1):541. doi: 10.1186/s13063-019-3616-9.

[Who is responsible for assessing children's weight status? - a qualitative study of health professionals in regional Australia.](#) Davidson K, Vidgen H, Denney-Wilson E, Daniels L. *BMC Public Health*. 2019 Aug 30;19(1):1196. doi: 10.1186/s12889-019-7539-x.

The Association of the Executive Functions with Overweight and Obesity Indicators in Children and Adolescents: A Literature Review. Mamrot P, Hanć T. *Neurosci Biobehav Rev*. 2019 Aug 27. pii: S0149-7634(18)30859-5. doi: 10.1016/j.neubiorev.2019.08.021.

Prevalence of childhood obesity and related parental factors across socioeconomic strata in Ankara, Turkey. Yardim MS, Özcebe LH, Araz OM, Uner S, Li S, Unlu HK, Arslan UE, Bilir N, Huang TT. *East Mediterr Health J*. 2019 Aug 19;25(6):374-384. doi: 10.26719/emhj.18.052.

Improving Physical Activity and Outdoor Recreation in Rural Alabama Through Community Coalitions. Carter WM, Morse WC, Brock RW, Struempfer B. *Prev Chronic Dis*. 2019 Aug 29;16:E116. doi: 10.5888/pcd16.190062.

A "fitness" Theme May Mitigate Regional Prevalence of Overweight and Obesity: Evidence from Google Search and Tweets. Liang B, Wang Y, Tsou MH. *J Health Commun*. 2019 Aug 30:1-10. doi: 10.1080/10810730.2019.1657526.

The effect of Public Health/Pediatric Obesity interventions on socioeconomic inequalities in childhood obesity: A scoping review. Venturelli F, Ferrari F, Broccoli S, Bonvicini L, Mancuso P, Bargellini A, Giorgi Rossi P. *Obes Rev*. 2019 Aug 29. doi: 10.1111/obr.12931.

Evaluation of multidisciplinary weight loss shared medical appointments. Yager S, Parker M, Luxenburg J, Varghai NH. *J Am Pharm Assoc (2003)*. 2019 Aug 26. pii: S1544-3191(19)30352-8. doi: 10.1016/j.japh.2019.07.014.

Eating Behaviors in Healthy Young Adult Twin Pairs Discordant for Body Mass Index. Berntzen BJ, Jukarainen S, Bogl LH, Rissanen A, Kaprio J, Pietiläinen KH. *Twin Res Hum Genet*. 2019 Aug 30:1-9. doi: 10.1017/thg.2019.43.

Social and community networks influence dietary attitudes in regional New South Wales, Australia. Burgis-Kasthala S, Slimings C, Smith M, Elmitt N, Moore M. *Rural Remote Health*. 2019 Aug;19(3):5328. doi: 10.22605/RRH5328.

Relationship between Obesity and Balance in the Community-Dwelling Elderly Population: A Cross-Sectional Analysis. Lee JJ, Hong DW, Lee SA, Soh Y, Yang M, Choi KM, Won CW, Chon J. *Am J Phys Med Rehabil*. 2019 Aug 27. doi: 10.1097/PHM.0000000000001292.

Overweight, obesity, weight-related behaviors, and health-related quality of life among high-school students in Turkey. Çam HH, Üstüner Top F. *Eat Weight Disord*. 2019 Aug 28. doi: 10.1007/s40519-019-00762-0.

Shape Up Somerville's return on investment: Multi-group exposure generates net-benefits in a child obesity intervention. Coffield E, Nihiser A, Carlson S, Collins J, Cawley J, Lee S, Economos C. *Prev Med Rep*. 2019 Jul 16;16:100954. doi: 10.1016/j.pmedr.2019.100954.

Adherence to dietary guidelines in relation to visceral fat and liver fat in middle-aged men and women: the NEO study. van Eekelen E, Geelen A, Alsema M, Lamb HJ, de Roos A, Rosendaal FR, de Mutsert R. *Int J Obes (Lond)*. 2019 Aug 28. doi: 10.1038/s41366-019-0441-x.

Ultra-processed foods and recommended intake levels of nutrients linked to non-communicable diseases in Australia: evidence from a nationally representative cross-sectional study. Machado PP, Steele EM, Levy RB, Sui Z, Rangan A, Woods J, Gill T, Scrinis G, Monteiro CA. *BMJ Open*. 2019 Aug 28;9(8):e029544. doi: 10.1136/bmjopen-2019-029544.

Influence of Obesity on Work Ability, Respiratory Symptoms, and Lung Function in Adults with Asthma. Klepaker G, Svendsen MV, Hertel JK, Holla ØL, Henneberger PK, Kongerud J, Fell AKM. *Respiration*. 2019 Aug 28;1-9. doi: 10.1159/000502154.

Short term effects of a weight loss and healthy lifestyle programme for overweight and obese men delivered by German football clubs. Pietsch B, Weisser B, Hanewinkel R, Gray C, Hunt K, Wyke S, Morgenstern M. *Eur J Sport Sci*. 2019 Aug 28;1-35. doi: 10.1080/17461391.2019.1660809.

Associations of daily activities measured by a pattern-recognition activity monitor with overall and abdominal obesity in older people: the IMPACT65+ study. Cabanas-Sánchez V, De la Cámara MA, Sadarangani KP, Higuera-Fresnillo S, Martínez-Gómez D. *Int J Obes (Lond)*. 2019 Aug 27. doi: 10.1038/s41366-019-0439-4.

Mediterranean Diet, Physical Fitness and Body Composition in Sevillian Adolescents: A Healthy Lifestyle. Galan-Lopez P, Sánchez-Oliver AJ, Ries F, González-Jurado JA. *Nutrients*. 2019 Aug 26;11(9). pii: E2009. doi: 10.3390/nu11092009.

OPREVENT (Obesity Prevention and Evaluation of InterVention Effectiveness in NaTive North Americans): Design of a Multilevel, Multicomponent Obesity Intervention for Native American Adults and Households. Redmond LC, Jock B, Gadhoke P, Chiu DT, Christiansen K, Pardiña M, Swartz J, Platero H, Caulfield LE, Gittelsohn J. *Curr Dev Nutr*. 2019 Feb 13;3(Suppl 2):81-93. doi: 10.1093/cdn/nzz009.

The Healthy Children, Strong Families 2 (HCSF2) Randomized Controlled Trial Improved Healthy Behaviors in American Indian Families with Young Children. Tomayko EJ, Prince RJ, Cronin KA, Kim K, Parker T, Adams AK. *Curr Dev Nutr*. 2018 Nov 16;3(Suppl 2):53-62. doi: 10.1093/cdn/nzy087.

Weight bias internalization in a commercial weight management sample: prevalence and correlates. Pearl RL, Himmelstein MS, Puhl RM, Wadden TA, Wojtanowski AC, Foster GD. *Obes Sci Pract*. 2019 Jul 11;5(4):342-353. doi: 10.1002/osp4.354.

Potential unintended consequences of graphic warning labels on sugary drinks: do they promote obesity stigma? Hayward LE, Vartanian LR. *Obes Sci Pract*. 2019 Aug 2;5(4):333-341. doi: 10.1002/osp4.353.

Factors associated with early non-response within an Internet-based behavioural weight loss program. Unick JL, Ross KM, Wing RR. *Obes Sci Pract*. 2019 May 9;5(4):324-332. doi: 10.1002/osp4.341.

Self-report dieting and long-term changes in body mass index and waist circumference. Sares-Jäske L, Knekt P, Männistö S, Lindfors O, Heliövaara M. *Obes Sci Pract*. 2019 Mar 26;5(4):291-303. doi: 10.1002/osp4.336.

Mediating effect of waist-to-height ratio on the association between body mass index and frailty: The Korean Frailty and Aging Cohort Study. Kim M, Lee Y, Kim EY, Park Y. *Br J Nutr*. 2019 Aug 27;1-20. doi: 10.1017/S0007114519002058.

Diet and physical activity changes among low-income families: perspectives of mothers and their children. Zhen-Duan J, Engebretsen B, Laroche HH. *Int J Qual Stud Health Well-being*. 2019 Dec;14(1):1658700. doi: 10.1080/17482631.2019.1658700.

Predicting overweight and obesity in young adulthood from childhood body-mass index: comparison of cutoffs derived from longitudinal and cross-sectional data. Kartiosuo N, Ramakrishnan R, Lemeshow S, Juonala M, Burns TL, Woo JG, Jacobs DR Jr, Daniels SR, Venn A, Steinberger J, Urbina EM, Bazzano L, Sabin MA, Hu T, Prineas RJ, Sinaiko AR, Pahkala K, Raitakari O, Dwyer T. *Lancet Child Adolesc Health*. 2019 Aug 23. pii: S2352-4642(19)30204-4. doi: 10.1016/S2352-4642(19)30204-4.

Obesity Prevention Worksite Wellness Interventions for Health Care Workers: A Narrative Review. Upadhyaya M, Sharma S, Pompeii LA, Sianez M, Morgan RO. *Workplace Health Saf*. 2019 Aug 27;2165079919863082. doi: 10.1177/2165079919863082.

Early Eating Patterns and Overweight and Obesity in a Sample of Preschool Children in South-East Poland. Baran J, Weres A, Czenczek-Lewandowska E, Łuszczki E, Sobek G, Pitucha G, Leszczak J, Mazur A. *Int J Environ Res Public Health*. 2019 Aug 23;16(17). pii: E3064. doi: 10.3390/ijerph16173064.

Associations between Walkability and Youth Obesity: Differences by Urbanicity. Stowe EW, Hughey SM, Hallum SH, Kaczynski AT. *Child Obes*. 2019 Aug 26. doi: 10.1089/chi.2019.0063.

Together, We Inspire Smart Eating (WISE): An Examination of Implementation of a WISE Curriculum for Obesity Prevention in Children 3 to 7 Years. Whiteside-Mansell L, Swindle T, Selig JP. *Glob Pediatr Health*. 2019 Aug 12;6:2333794X19869811. doi: 10.1177/2333794X19869811.

Weight Status and Attentional Biases Toward Foods: Impact of Implicit Olfactory Priming. Mas M, Brindisi MC, Chabanet C, Nicklaus S, Chambaron S. *Front Psychol*. 2019 Aug 9;10:1789. doi: 10.3389/fpsyg.2019.01789.

Physical activity in preschool children: Trends over time and associations with body mass index and screen time. Venetsanou F, Kambas A, Gourgoulis V, Yannakoulia M. *Ann Hum Biol*. 2019 Aug 26:1-25. doi: 10.1080/03014460.2019.1659414.

Does HealthAtEvery Size® fit all? A group-based trajectory modeling of a non-diet intervention. Cloutier-Bergeron A, Provencher V, Mongeau L, Paquette MC, Carbonneau É, Turcotte M, Bégin C. *Appetite*. 2019 Aug 22;143:104403. doi: 10.1016/j.appet.2019.104403.

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Systematic reviews

Media food marketing and eating outcomes among pre-adolescents and adolescents: A systematic review and meta-analysis. Qutteina Y, De Backer C, Smits T. *Obes Rev*. 2019 Aug 29. doi: 10.1111/obr.12929.

Body mass index and the risk of disability retirement: a systematic review and meta-analysis. Shiri R, Falah-Hassani K, Lallukka T. *Occup Environ Med*. 2019 Aug 29. pii: oemed-2019-105876. doi: 10.1136/oemed-2019-105876.

Factors influencing employees' eating behaviours in the office-based workplace: A systematic review. Clohessy S, Walasek L, Meyer C. *Obes Rev*. 2019 Aug 27. doi: 10.1111/obr.12920.

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