



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.

If you do not wish to receive further Obesity Knowledge Updates, please [click here to unsubscribe](#). You will continue to receive other Obesity Intelligence emails (notification of new resources etc.).

- [UK and Ireland - 3](#)
- [International - 29](#)
- [Systematic reviews - 2](#)

## UK and Ireland

[Planning, implementation and evaluation of antenatal weight management programmes: What are the key components? A mixed methods study.](#) MacAulay S, Lagan BM, Casson K. Midwifery. 2019 Oct 1;79:102545. doi: 10.1016/j.midw.2019.102545.

[Differences in energy and nutritional content of menu items served by popular UK chain restaurants with versus without voluntary menu labelling: A cross-sectional study.](#) Theis DRZ, Adams J. PLoS One. 2019 Oct 16;14(10):e0222773. doi: 10.1371/journal.pone.0222773.

[Depression increases the genetic susceptibility to high body mass index: Evidence from UK Biobank.](#) Mulugeta A, Zhou A, Vimalaswaran KS, Dickson C, Hyppönen E. Depress Anxiety. 2019 Oct 14. doi: 10.1002/da.22963.

[\[back to top\]](#)

## International

[Responding positively to "children who like to eat": Parents' experiences of skills-based treatment for childhood obesity.](#) Ek A, Nordin K, Nyström CD, Sandvik P, Eli K, Nowicka P. Appetite. 2019 Oct 15:104488. doi: 10.1016/j.appet.2019.104488.

[Neighborhood-Level Analysis on the Impact of Accessibility to Fast Food and Open Green Spaces on the Prevalence of Obesity.](#) Mylona EK, Shehadeh F, Fleury E, Kalligeros M, Mylonakis E. Am J Med. 2019 Sep 12. pii: S0002-9343(19)30747-8. doi: 10.1016/j.amjmed.2019.08.024.

[Mediation of emotional and external eating between dieting and food intake or BMI gain in women.](#) van Strien T, Konttinen HM, Ouwens MA, van de Laar FA, Winkens LHH. Appetite. 2019 Oct 15;145:104493. doi: 10.1016/j.appet.2019.104493.

[Associations between pre-pregnancy BMI, gestational weight gain, and prenatal diet quality in a national sample.](#) Parker HW, Tovar A, McCurdy K, Vadiveloo M. PLoS One. 2019 Oct 18;14(10):e0224034. doi: 10.1371/journal.pone.0224034.

**Social inequalities in health: duration of unemployment unevenly effects on the health of men and women.** Acevedo P, Mora-Urda AI, Montero P. *Eur J Public Health*. 2019 Oct 18. pii: ckz180. doi: 10.1093/eurpub/ckz180.

**Emotion Identification in Preschool and Early Adolescent Body Mass Index: Exploring the Roles of Depressive Symptoms and Peer Relations.** Pine A, Barch DM, Luby J, Whalen DJ. *Child Psychiatry Hum Dev*. 2019 Oct 17. doi: 10.1007/s10578-019-00932-2.

**Restrictive feeding and excessive hunger in young children with obesity: A case series.** Eagleton SG, Brown CL, Moses MJ, Skelton JA. *Clin Case Rep*. 2019 Sep 3;7(10):1962-1967. doi: 10.1002/ccr3.2411.

**Understanding and use of food labeling systems among Whites and Latinos in the United States and among Mexicans: Results from the International Food Policy Study, 2017.** Nieto C, Jáuregui A, Contreras-Manzano A, Arillo-Santillan E, Barquera S, White CM, Hammond D, Thrasher JF. *Int J Behav Nutr Phys Act*. 2019 Oct 17;16(1):87. doi: 10.1186/s12966-019-0842-1.

**Associations of air pollution, obesity and cardiometabolic health in young adults: The Meta-AIR study.** Kim JS, Chen Z, Alderete TL, Toledo-Corral C, Lurmann F, Berhane K, Gilliland FD. *Environ Int*. 2019 Oct 14;133(Pt A):105180. doi: 10.1016/j.envint.2019.105180.

**The Effect of a Lifestyle Intervention on Weight Loss for University Employees.** Gillis LJ. *J Community Health Nurs*. 2019 Oct-Dec;36(4):208-223. doi: 10.1080/07370016.2019.1665309.

**Acceptability of Hospital-Based Pediatric Weight Management Services among Patients and Families: A Narrative Synthesis.** McMaster CM, Gow ML, Neal R, Alexander S, Baur LA, Cohen J. *Child Obes*. 2019 Oct 17. doi: 10.1089/chi.2019.0146.

**Feasibility and implementation of a healthy lifestyles program in a community setting in Ontario, Canada: protocol for a pragmatic mixed methods pilot study.** Alvarez E, Qutob M, Mbuagbaw L, Lavis J, Lokker C, Walli-Attai M, Samaan Z, Sutton A, Singh J, Feeny D, Fortuna J. *BMJ Open*. 2019 Oct 16;9(10):e031298. doi: 10.1136/bmjopen-2019-031298.

**The influence of the maternal peer group (partner, friends, mothers' group, family) on mothers' attitudes to obesity-related behaviours of their children.** Cameron AJ, Charlton E, Walsh A, Hesketh K, Campbell K. *BMC Pediatr*. 2019 Oct 16;19(1):357. doi: 10.1186/s12887-019-1726-x.

**Parents' and Children's Categorization of Candy are Similar: A Card Sort Protocol.** Savage JS, Harris HA, Bleser JA, Rollins BY. *Nutrients*. 2019 Oct 15;11(10). pii: E2472. doi: 10.3390/nu11102472.

**Early Child Care and Weight Status in a Cohort of Predominantly Black Infants in the Southeastern United States.** Benjamin-Neelon SE, Iversen E, Clancy SM, Hoyo C, Bennett GG, Kravitz RM, Østbye T. *Child Obes*. 2019 Oct 16. doi: 10.1089/chi.2019.0127.

**Trends in physical fitness among Canadian children and youth.** Colley RC, Clarke J, Doyon CY, Janssen I, Lang JJ, Timmons BW, Tremblay MS. *Health Rep*. 2019 Oct 16;30(10):3-13. doi: 10.25318/82-003-x201901000001-eng.

**Child Body Fat and Body Mass Index: Which Determinants are Most Important?** Frenn M, Kaugars A, Garcia J, Garnier-Villarreal M. *West J Nurs Res*. 2019 Oct 16:193945919879960. doi: 10.1177/0193945919879960.

**Transforming Health Experience and Action through Shifting the Narrative on Obesity in Primary Care Encounters.** Luig T, Keenan L, Campbell-Scherer DL. Qual Health Res. 2019 Oct 16;1049732319880551. doi: 10.1177/1049732319880551.

**Adherence to behavioral recommendations for weight loss and associated psychosocial factors among African American adults.** Fitzpatrick SL, Brooks N, Bray B, Stevens VJ. J Behav Med. 2019 Oct 15. doi: 10.1007/s10865-019-00108-2.

**Body mass index and lifetime healthcare utilization.** Edwards CH, Aas E, Kinge JM. BMC Health Serv Res. 2019 Oct 15;19(1):696. doi: 10.1186/s12913-019-4577-0.

**Preconception Lifestyle and Cardiovascular Health in the Offspring of Overweight and Obese Women.** van Elten TM, van de Beek C, Geelen A, Gemke RJJ, Groen H, Hoek A, Mol BW, van Poppel MNM, Roseboom TJ. Nutrients. 2019 Oct 14;11(10). pii: E2446. doi: 10.3390/nu11102446.

**'Oh God, I Have to Eat Something, But Where Can I Get Something Quickly?'-A Qualitative Interview Study on Barriers to Healthy Eating among University Students in Germany.** Hilger-Kolb J, Diehl K. Nutrients. 2019 Oct 14;11(10). pii: E2440. doi: 10.3390/nu11102440.

**Associations of Meal Timing and Frequency with Obesity and Metabolic Syndrome among Korean Adults.** Ha K, Song Y. Nutrients. 2019 Oct 13;11(10). pii: E2437. doi: 10.3390/nu11102437.

**Behavioural weight loss treatment preferences of college students with overweight and obesity.** Bihuniak JD, Bryant T, Kleiman J, Rotondo M, Decoteau J, Haisley S, Monserrate D, Cunningham M, MacKenzie A, Daus S, Ippolito R, Fernandes N, LaRose JG, Leahey TM. Clin Obes. 2019 Oct 15. doi: 10.1111/cob.12343.

**Parents Can Experience Impairment Because of Their Children's Weight and Problematic Eating Behaviors.** Lydecker JA, Park J, Grilo CM. J Adolesc Health. 2019 Oct 11. pii: S1054-139X(19)30423-9. doi: 10.1016/j.jadohealth.2019.07.026.

**Dietary Energy Density is Associated with Body Mass Index and Fat Mass in Early Adulthood.** Correa-Rodríguez M, González-Jiménez E, Fernández-Aparicio Á, Luis Gómez-Urquiza J, Schmidt-RioValle J, Rueda-Medina B. Clin Nurs Res. 2019 Oct 14;1054773819883192. doi: 10.1177/1054773819883192.

**Health benefits and costs of weight-loss dietary counselling by nurses in primary care: a cost-effectiveness analysis.** Cleghorn CL, Wilson N, Nair N, Kvizhinadze G, Nghiem N, McLeod M, Blakely T. Public Health Nutr. 2019 Oct 14;1-11. doi: 10.1017/S1368980019002945.

**Exploring Parents' Message Receipt and Message Enactment of the World's First Integrated Movement Behaviour Guidelines for Children and Youth.** Tennant EM, Tremblay MS, Faulkner G, Gainforth HL, Latimer-Cheung AE. J Health Commun. 2019 Oct 12;1-11. doi: 10.1080/10810730.2019.1651429.

**Knowledge, behaviors, and social factors that influence pregnancy weight gain among youth ages 16-24 years.** Morrison L, DeJonckheere M, Nichols LP, Smith DG, Plegue MA, McKee K, Koomen K, Mirchandani A, Adams E, Chang T. J Pediatr Adolesc Gynecol. 2019 Oct 10. pii: S1083-3188(19)30317-1. doi: 10.1016/j.jpag.2019.10.001.

[\[back to top\]](#)

## **Systematic reviews**

The Executive Functions in Overweight and Obesity: A Systematic Review of Neuropsychological Cross-Sectional and Longitudinal Studies. Favieri F, Forte G, Casagrande M. *Front Psychol.* 2019 Sep 20;10:2126. doi: 10.3389/fpsyg.2019.02126.

Systematic review of the impact of nutrition claims related to fat, sugar and energy content on food choices and energy intake. Oostenbach LH, Slits E, Robinson E, Sacks G. *BMC Public Health.* 2019 Oct 15;19(1):1296. doi: 10.1186/s12889-019-7622-3.

[\[back to top\]](#)