



Office for Health Improvement and Disparities

Welcome to the latest issue of the weekly Obesity Knowledge Update from the Office for Health Improvement and Disparities (OHID). This bulletin highlights new research relating to obesity and its determinants.

OHID is not responsible for the content of articles published by external organisations.

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.).

There will be no Obesity Knowledge Update emails during weeks commencing 22, 29 August and 5 September 2022.

- [UK and Ireland - 5](#)
- [International - 26](#)
- [Systematic reviews - 2](#)

UK and Ireland

[Evaluation of the PhunkyFoods intervention on food literacy and cooking skills of children aged 7-9 years: a cluster randomised controlled trial in Yorkshire Primary Schools UK.](#) Vaughan KL, Cade JE, Hetherington MM, Cockroft JE, Heinen MM, Rippin H, Evans CEL. *Trials*. 2022 Aug 1;23(1):618. doi: 10.1186/s13063-022-06558-5.

[BMI trajectories, morbidity, and mortality in England: a two-step approach to estimating consequences of changes in BMI.](#) Gray LA, Breeze PR, Williams EA. *Obesity (Silver Spring)*. 2022 Aug 3. doi: 10.1002/oby.23510.

[The Potential Role of Digital Health in Obesity Care.](#) Hinchliffe N, Capehorn MS, Bewick M, Feenie J. *Adv Ther*. 2022 Aug 4. doi: 10.1007/s12325-022-02265-4.

[From healthy food environments to healthy wellbeing environments: Policy insights from a focused ethnography with low-income parents' in England.](#) Isaacs A, Halligan J, Neve K, Hawkes C. *Health Place*. 2022 Aug 1;77:102862. doi: 10.1016/j.healthplace.2022.102862.

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

UK and Ireland: Research related to COVID-19

[The impact of COVID-19 on the hot food takeaway planning regulatory environment: perspectives of local authority professionals in the North East of England.](#) Moore HJ, Lake AA, O'Malley CL, Bradford C, Gray N, Chang M, Mathews C, Townshend TG. *Perspect Public Health*. 2022 Aug 5:17579139221106343. doi: 10.1177/17579139221106343.

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

International

Preventing Obesity in Midlife Women: A Recommendation From the Women's Preventive Services Initiative. Chelmow D, Gregory KD, Witkop C, Hoffstetter S, Humphrey L, Picardo C, Stevermer JJ, Cantor AG, Nelson HD, Son S, Conry JA, Garcia F, Kendig SM, O'Reilly N, Qaseem A, Ramos D, Salganicoff A, Wood JK, Zahn C; Women's Preventive Services Initiative*. *Ann Intern Med.* 2022 Aug 2. doi: 10.7326/M22-0252.

Child Health Status and Health Care Use in Grandparent- Versus Parent-Led Households. Joshi DS, Lebrun-Harris LA. *Pediatrics.* 2022 Aug 1:e2021055291. doi: 10.1542/peds.2021-055291.

Examining negative affect, sleep duration, and using food to cope as predictors of weight in midlife women. Riedy DR, MacPherson AR, Sabet S, Dautovich ND. *J Behav Med.* 2022 Aug 6. doi: 10.1007/s10865-022-00338-x.

Food insecurity, food environments, and disparities in diet quality and obesity in a nationally representative sample of community-dwelling older Americans. Choi YJ, Crimmins EM, Ailshire JA. *Prev Med Rep.* 2022 Jul 20;29:101912. doi: 10.1016/j.pmedr.2022.101912.

Prevalence and correlates of overweight and obesity in 12 European Countries in 2017-2018. Stival C, Lugo A, Odone A, van den Brandt PA, Fernandez E, Tigova O, Soriano JB, López MJ, Scaglioni S, Gallus S; TackSHS Project Investigators. *Obes Facts.* 2022 Aug 2. doi: 10.1159/000525792.

Relationship between Birth Weight, Early Growth Rate, and Body Composition in 5- to 7-Year-Old Children. Gätjens I, Fedde S, Schmidt SCE, Hasler M, Plachta-Danielzik S, Müller MJ, Bosity-Westphal A. *Obes Facts.* 2022;15(4):519-527. doi: 10.1159/000522509.

Governing ultra-processed food and alcohol industries: the presence and role of non-government organisations in Australia. Patay D, Friel S, Townsend B, Baum F, Collin J, Cullerton K, Dain K, Holmes R, Martin J, Ralston R, Westerman L. *Aust N Z J Public Health.* 2022 Aug;46(4):455-462. doi: 10.1111/1753-6405.13263.

Prospective relations of maternal reward-related eating, pregnancy ultra-processed food intake and weight indicators, and feeding mode with infant appetitive traits. Cummings JR, Faith MS, Lipsky LM, Liu A, Mooney JT, Nansel TR. *Int J Behav Nutr Phys Act.* 2022 Aug 3;19(1):100. doi: 10.1186/s12966-022-01334-9.

Childhood Obesity: An Updated Review. Leung AKC, Wong AHC, Hon KL. *Curr Pediatr Rev.* 2022 Aug 1. doi: 10.2174/1573396318666220801093225.

Methods recently used for the assessment of physical activity in children and adolescents. Jurado-Castro JM, Gil-Campos M, Llorente-Cantarero FJ. *Curr Opin Clin Nutr Metab Care.* 2022 Sep 1;25(5):298-303. doi: 10.1097/MCO.0000000000000847.

The association between adverse childhood experiences, neighborhood greenspace, and body mass index: A cross-sectional study. Schroeder K, Forke CM, Noll JG, Wheeler DC, Henry KA, Sarwer DB. *Prev Med Rep.* 2022 Jul 22;29:101915. doi: 10.1016/j.pmedr.2022.101915.

Body Mass Index and risk for onset of mood and anxiety disorders in the general population: Results from the Netherlands Mental Health Survey and Incidence Study-2 (NEMESIS-2). de Wit L, Have MT, Cuijpers P, de Graaf R. *BMC Psychiatry.* 2022 Aug 2;22(1):522. doi: 10.1186/s12888-022-04077-w.

Changes in Alcohol Consumption, Eating Behaviors, and Body Weight during Quarantine Measures: Analysis of the CoCo-Fakt Study. Wessely S, Tappiser M, Eisenburger N, Feddern S, Gehlhar A, Kilimann A, Klee L, Nießen J, Schmidt N, Wiesmüller GA, Kossow A, Grüne B, Joisten C; CoCo-Fakt Group. *Obes Facts*. 2022;15(4):570-580. doi: 10.1159/000524352.

Caregiver concern about child overweight/obesity in grandparent vs. parent-headed households in the United States. Yisahak SF, Khalsa AS, Keim SA. *Acad Pediatr*. 2022 Jul 31:S1876-2859(22)00370-9. doi: 10.1016/j.acap.2022.07.019.

More-To-Less Home Healthful Foods Ratio is Associated With Diet Quality in Preadolescents With Elevated Body Mass Index. Tripicchio GL, Kubik MY, Lee J, Fisher JO. *J Nutr Educ Behav*. 2022 Jul 29:S1499-4046(22)00341-4. doi: 10.1016/j.jneb.2022.04.212.

Exploring rational and automatic processes in parents' snack and beverage provision: The role of self-control, intention, and counter-intentional habit. Charlesworth J, Green A, Mullan B. *Appetite*. 2022 Jul 31:106185. doi: 10.1016/j.appet.2022.106185.

Behavioral Interventions to Attenuate Driven Overeating and Weight Regain After Bariatric Surgery. Ames GE, Koball AM, Clark MM. *Front Endocrinol (Lausanne)*. 2022 Jul 18;13:934680. doi: 10.3389/fendo.2022.934680.

Association of prepregnancy physical activity with obesity in offspring: The Japan Environment and Children's Study. Noda M, Yoshida S, Kawakami C, Takeuchi M, Kawakami K, Ito S; Japan Environment and Children's Study Group. *Obesity (Silver Spring)*. 2022 Aug 4. doi: 10.1002/oby.23516.

Associations between ultra- or minimally processed food intake and three adiposity indicators among US adults: NHANES 2011 to 2016. Zhang Z, Kahn HS, Jackson SL, Steele EM, Gillespie C, Yang Q. *Obesity (Silver Spring)*. 2022 Aug 4. doi: 10.1002/oby.23507.

Distribution of energy and macronutrient intakes across eating occasions in European children from 3 to 8 years of age: The EU Childhood Obesity Project Study. Jaeger V, Koletzko B, Luque V, Ferré N, Gruszfeld D, Gradowska K, Verduci E, Zuccotti GV, Xhonneux A, Ponclet P, Grote V. *Eur J Nutr*. 2022 Aug 5. doi: 10.1007/s00394-022-02944-6.

mHealth Applications to Monitor Lifestyle Behaviors and Circadian Rhythm in Clinical Settings: Current Perspective and Future Directions. Rosa I, Lages M, Grilo C, Barros R, Guarino MP. *Front Public Health*. 2022 Jul 18;10:862065. doi: 10.3389/fpubh.2022.862065.

Barriers and facilitators of participation in weight loss intervention for patients with suboptimal weight loss after bariatric surgery; a qualitative study among patients, physicians, and therapists. Tettero OM, Westerman MJ, Van Stralen MM, van den Beuken M, Montpellier VM, Janssen IMC, Steenhuis IHM. *Obes Facts*. 2022 Aug 2. doi: 10.1159/000526259.

Characterizing food environments near schools in California: A latent class approach simultaneously using multiple food outlet types and two spatial scales. Sánchez BN, Fu H, Matsuzaki M, Sanchez-Vaznaugh E. *Prev Med Rep*. 2022 Jul 29;29:101937. doi: 10.1016/j.pmedr.2022.101937.

Four-Year Accelerometry Outcomes from a Cluster Randomized Whole of Systems Trial of Prevention Strategies for Childhood Obesity. Strugnell C, Crooks N, Gaskin CJ, Becker D, Orellana L, Bolton KA, Fraser P, Brown AD, Le H, Bell C, Allender S. *Child Obes*. 2022 Aug 5. doi: 10.1089/chi.2022.0076.

Socio-cognitive barriers to healthy eating among mothers: A segmentation analysis in Argentina, France and Denmark. Moura AF, Aschemann-Witzel J. Health Care Women Int. 2022 Aug 2:1-21. doi: 10.1080/07399332.2022.2096887.

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

International: Research related to COVID-19

Multilevel Factors Associated with Obesity among South Korean Adolescents before and during the COVID-19 Pandemic. Jang SH, Hwang H. Child Obes. 2022 Aug 3. doi: 10.1089/chi.2022.0053.

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

Systematic reviews

Systematic Review of General Parenting Intervention Impacts on Child Weight as a Secondary Outcome. Kong KL, Anzman-Frasca S, Burgess B, Serwatka C, White HI, Holmbeck K. Child Obes. 2022 Aug 4. doi: 10.1089/chi.2022.0056.

Impact of program characteristics on weight loss in adult behavioral weight management interventions: systematic review and component network meta-analysis. Hartmann-Boyce J, Ordóñez-Mena JM, Theodoulou A, Butler AR, Freeman SC, Sutton AJ, Jebb SA, Aveyard P. Obesity (Silver Spring). 2022 Aug 2. doi: 10.1002/oby.23505.

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