



# Public Health England

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

[Measuring commissioners' willingness-to-pay for community based childhood obesity prevention programmes using a discrete choice experiment](#). Webb EJD, Stamp E, Collinson M, Farrin AJ, Stevens J, Burton W, Rutter H, Schofield H, Bryant M. BMC Public Health. 2020 Oct 12;20(1):1535. doi: 10.1186/s12889-020-09576-7.

[The potential health impact of restricting less-healthy food and beverage advertising on UK television between 05.30 and 21.00 hours: A modelling study](#). Mytton OT, Boyland E, Adams J, Collins B, O'Connell M, Russell SJ, Smith K, Stroud R, Viner RM, Cobiac LJ. PLoS Med. 2020 Oct 13;17(10):e1003212. doi: 10.1371/journal.pmed.1003212.

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### ***UK and Ireland: Research related to COVID-19***

[Obesity, Diabetes and COVID-19: An Infectious Disease Spreading From the East Collides With the Consequences of an Unhealthy Western Lifestyle](#). Holly JMP, Biernacka K, Maskell N, Perks CM. Front Endocrinol (Lausanne). 2020 Sep 17;11:582870. doi: 10.3389/fendo.2020.582870.

[Impact of COVID-19 on Obesity Management Services in the United Kingdom \(The COMS-UK study\)](#). Moussa O, Zakeri R, Arhi C, O'Kane M, Snowdon-Carr V, Menon V, Mahawar K, Purkayastha S; PanSurg collaborative (COVESITY). Obes Surg. 2020 Oct 13. doi: 10.1007/s11695-020-05005-1.

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## International

[Psychological distress, social context, and gender patterns in obesity among a multiethnic sample of U.S. college students](#). Cheng CE, Thomas Tobin CS, Weiss JW. J Am Coll Health. 2020 Oct 13;1-9. doi: 10.1080/07448481.2020.1817032.

**Dietary Behaviors and Obesity of Children From Low-Income Households by Gender of Caregiver and Child.** Molitor F, Doerr C. *Am J Health Promot.* 2020 Oct 12;890117120965463. doi: 10.1177/0890117120965463.

**French validation of the addiction-like eating behavior scale and its clinical implication.** Legendre M, Bégin C. *Eat Weight Disord.* 2020 Oct 13. doi: 10.1007/s40519-020-01039-7.

**Urban environment and dietary behaviours as perceived by residents living in socioeconomically diverse neighbourhoods: A qualitative study in a Mediterranean context.** Rivera-Navarro J, Conde P, Díez J, Gutiérrez-Sastre M, González-Salgado I, Sandín M, Gittelsohn J, Franco M. *Appetite.* 2020 Oct 9:104983. doi: 10.1016/j.appet.2020.104983.

**Have Our Attempts to Curb Obesity Done More Harm Than Good?** Memon AN, Gowda AS, Rallabhandi B, Bidika E, Fayyaz H, Salib M, Cancarevic I. *Cureus.* 2020 Sep 6;12(9):e10275. doi: 10.7759/cureus.10275.

**The Association of Adolescents' Television Viewing with Body Mass Index Percentile, Food Addiction, and Addictive Phone Use.** Domoff SE, Sutherland E, Yokum S, Gearhardt AN. *Appetite.* 2020 Oct 10:104990. doi: 10.1016/j.appet.2020.104990.

**The relationship between personality traits and BMI categories.** Tekin E, Oner C, Cetin H, Simsek EE. *North Clin Istanb.* 2020 Aug 4;7(4):372-377. doi: 10.14744/nci.2020.80008.

**Raising Well at Home: a pre-post feasibility study of a lifestyle intervention for caregivers and their child with obesity.** Haire-Joshu D, Schwarz C, Jacob R, Kristen P, Johnston S, Quinn K, Tabak R. *Pilot Feasibility Stud.* 2020 Oct 6;6:149. doi: 10.1186/s40814-020-00692-0.

**The European NAFLD registry: A real-world longitudinal cohort study of nonalcoholic fatty liver disease.** Hardy T, Wonders K, Younes R, Aithal GP, Aller R, Allison M, Bedossa P, Betsou F, Boursier J, Brosnan MJ, Burt A, Cobbold J, Cortez-Pinto H, Day CP, Dufour JF, Ekstedt M, Francque S, Harrison S, Miele L, Nasr P, Papatheodoridis G, Petta S, Tiniakos D, Torstenson R, Valenti L, Holleboom AG, Yki-Jarvinen H, Geier A, Romero-Gomez M, Ratziu V, Bugianesi E, Schattenberg JM, Anstee QM; LITMUS Consortium. *Contemp Clin Trials.* 2020 Oct 9:106175. doi: 10.1016/j.cct.2020.106175.

**Association of obesity with recurrent stroke and cardiovascular events.** Kumral E, Erdoğan CE, Ari A, Bayam FE, Saruhan G. *Rev Neurol (Paris).* 2020 Oct 8:S0035-3787(20)30685-8. doi: 10.1016/j.neurol.2020.06.019.

**Clustering Patterns of Physical Fitness, Physical Activity, Sedentary, and Dietary Behavior among School Children.** López-Gil JF, Brazo-Sayavera J, García-Hermoso A, Camargo EM, Yuste Lucas JL. *Child Obes.* 2020 Oct 12. doi: 10.1089/chi.2020.0185.

**Weight discordant siblings' ability to reduce energy intake at a meal as compensation for prior energy intake from sugar-sweetened beverages (SSBs).** Ufholz K, Salvy SJ, Feda DM, Epstein LH, Roemmich JN. *Nutr Health.* 2020 Oct 12:260106020960990. doi: 10.1177/0260106020960990.

**Internalizing symptoms modulate real-world affective response to sweet food and drinks in children.** Mason TB, Naya CH, Schembre SM, Smith KE, Dunton GF. *Behav Res Ther.* 2020 Oct 8;135:103753. doi: 10.1016/j.brat.2020.103753.

**Maternal and infant prediction of the child BMI trajectories; studies across two generations of Northern Finland birth cohorts.** Nedelec R, Miettunen J, Männikkö M, Järvelin MR, Sebert S. *Int J Obes (Lond).* 2020 Oct 11. doi: 10.1038/s41366-020-00695-0.

Cardiovascular Risk in Children with Nonalcoholic Fatty Liver Disease (NAFLD). Bobrus-Chociej A, Wasilewska N, Flisiak-Jackiewicz M, Lebensztejn D. *Curr Pediatr Rev.* 2020 Oct 9. doi: 10.2174/1573396316666201009154913.

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

Obesity and the Risk of Intubation or Death in Patients With Coronavirus Disease 2019. Frank RC, Mendez SR, Stevenson EK, Guseh JS, Chung M, Silverman MG. *Crit Care Med.* 2020 Nov;48(11):e1097-e1101. doi: 10.1097/CCM.0000000000004553.

The impact of COVID-19 stay-at-home orders on health behaviors in adults. Flanagan EW, Beyl RA, Fearnbach SN, Altazan AD, Martin CK, Redman LM. *Obesity (Silver Spring).* 2020 Oct 11. doi: 10.1002/oby.23066.

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## **Systematic reviews**

Guidelines for caregivers and healthcare professionals on speaking to children about overweight and obesity: a systematic review of the gray literature. Lampe EW, Abber SR, Forman EM, Manasse SM. *Transl Behav Med.* 2020 Oct 12;10(5):1144-1154. doi: 10.1093/tbm/ibaa012.

A systematic review of the implementation of obesity prevention interventions in early childcare and education settings using the RE-AIM framework. Sanchez-Flack JC, Herman A, Buscemi J, Kong A, Bains A, Fitzgibbon ML. *Transl Behav Med.* 2020 Oct 12;10(5):1168-1176. doi: 10.1093/tbm/ibz179.

A systematic review of weight-related communication trainings for physicians. Reading JM, Snell LM, LaRose JG. *Transl Behav Med.* 2020 Oct 12;10(5):1110-1119. doi: 10.1093/tbm/ibaa014.

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