

References

- Akpanyung, E. O. (2006). Major and trace element levels in powdered milk. *Pakistan Journal of Nutrition*, 5(3), 198-202.
- Ares, G., Gimenez, A., & Gambaro, A. (2009). Consumer perceived healthiness and willingness to try functional milk desserts. Influence of ingredient, ingredient name and health claim. *Food Quality and Preference*, 20(1), 50-56.
- Azais-Braesco, V., Goffi, C., & Labouze, E. (2006). Nutrient profiling: comparison and critical analysis of existing systems. *Public health nutrition*, 9(5), 613-622.
- BPOM. Peraturan Kepala BPOM No.9 Tahun 2016 tentang Ajuan Label Gizi. (2016)
- Çopur, Ö. U., İncedayı, B., & Karabacak, A. Ö. (2019). Technology and Nutritional Value of Powdered Drinks. In *Production and Management of Beverages* (pp. 47-83). Woodhead Publishing.
- Das, A., Raychaudhuri, U., & Chakraborty, R. (2012). Cereal based functional food of Indian subcontinent: a review. *Journal of food science and technology*, 49(6), 665-672.
- Devi, A., Eyles, H., Rayner, M., Mhurchu, C. N., Swinburn, B., Lonsdale-Cooper, E., & Vandevijvere, S. (2014). Nutritional quality, labelling and promotion of breakfast cereals on the New Zealand market. *Appetite*, 81, 253-260.
- Drewnowski, A. (2017). Uses of nutrient profiling to address public health needs: from regulation to reformulation. *Proceedings of the Nutrition Society*, 76(3), 220-229.
- Drewnowski, A., & Fulgoni III, V. (2008). Nutrient profiling of foods: creating a nutrient-rich food index. *Nutrition reviews*, 66(1), 23-39.

- Drewnowski, A., Rehm, C. D., & Vieux, F. (2018). Breakfast in the United States: food and nutrient intakes in relation to diet quality in National Health and Examination Survey 2011–2014. A study from the International Breakfast Research Initiative. *Nutrients*, 10(9), 1200.
- El-Abadi, N. H., Taylor, S. F., Micha, R., & Blumberg, J. B. (2020). Nutrient Profiling Systems, Front of Pack Labeling, and Consumer Behavior. *Current atherosclerosis reports*, 22(8), 1-10.
- European Union. (2016). The Food and Beverage Market Entry Handbook: Indonesia. Retrieved March 2, 2021 from https://ec.europa.eu/chafea/agri/sites/chafea/files/handbook-indonesia-2018_en.pdf
- Fayet-Moore, F., Kim, J., Sritharan, N., & Petocz, P. (2016). Impact of breakfast skipping and breakfast choice on the nutrient intake and body mass index of Australian children. *Nutrients*, 8(8), 487.
- Fayet-Moore, F., McConnell, A., Tuck, K., & Petocz, P. (2017). Breakfast and breakfast cereal choice and its impact on nutrient and sugar intakes and anthropometric measures among a nationally representative sample of Australian children and adolescents. *Nutrients*, 9(10), 1045.
- Galvin, M. A., Kiely, M., & Flynn, A. (2003). Impact of ready-to-eat breakfast cereal (RTEBC) consumption on adequacy of micronutrient intakes and compliance with dietary recommendations in Irish adults. *Public health nutrition*, 6(4), 351-363.
- Gejdenson, S., & Schumer, C. (1999). Consumers in a box: A consumer report on cereal. *Agribusiness: An International Journal*, 15(2), 207-218.
- Gibney, M. J., Barr, S. I., Bellisle, F., Drewnowski, A., Fagt, S., Livingstone, B., ... & Hopkins, S. (2018). Breakfast in human nutrition: The international breakfast research initiative. *Nutrients*, 10(5), 559.
- Gibson, S. A., & Gunn, P. (2011). What's for breakfast? Nutritional implications of breakfast habits: insights from the NDNS dietary records. *Nutrition Bulletin*, 36(1), 78-86.

Hawkes, C. (2010). Food packaging: the medium is the message. *Public Health Nutrition*, 13(2), 297-299.

Jeswani, H. K., Burkinshaw, R., & Azapagic, A. (2015). Environmental sustainability issues in the food-energy-water nexus: Breakfast cereals and snacks. *Sustainable Production and Consumption*, 2, 17-28.

Jung, M. E., Mistry, C., Bourne, J. E., Perrier, M. J., Martin Ginis, K. A., & Latimer-Cheung, A. E. (2015). A qualitative investigation of adults' perceived benefits, barriers and strategies for consuming milk and milk products. *Health Education Journal*, 74(3), 364-378.

Lobstein, T., & Davies, S. (2009). Defining and labelling 'healthy'and 'unhealthy'food. *Public health nutrition*, 12(3), 331-340.

Mariska D. (2019). Most Indonesians Aware of Link Between Healthy Lifestyle, Small Environmental Footprint: Study. Retrieved March 2, 2021 from <https://jakartaglobe.id/news/most-indonesians-aware-of-link-between-healthy-lifestyle-small-environmental-footprint-study/>.

Martinez-Villaluenga, C., & Penas, E. (2017). Health benefits of oat: Current evidence and molecular mechanisms. *Current Opinion in Food Science*, 14, 26-31.

Mathiyalagen, P., Yadav, D., Anandaraj, R., Vasudevan, K., Sundar, B., Priyadharsini, R., ... & Jin, J. O. (2019). Breakfast consumption habit and its impact on nutrient intake and nutritional status of medical undergraduates. *Progress in Nutrition*, 21(3), 570-576.

Miller, G. D., Drewnowski, A., Fulgoni, V., Heaney, R. P., King, J., & Kennedy, E. (2009). It is time for a positive approach to dietary guidance using nutrient density as a basic principle. *The Journal of nutrition*, 139(6), 1198-1202

- Murphy, S. P., Yaktine, A. L., Suior, C. W., & Moats, S. (2011). Process for Developing Recommendations for Meal Requirements. In Child and Adult Care Food Program: Aligning Dietary Guidance for All. National Academies Press (US).
- Nicklas, T. A., McQUARRIE, A. L. L. A. N., Fastnaught, C., & O'NEIL, C. E. (2002). Efficiency of breakfast consumption patterns of ninth graders: nutrient-to-cost comparisons. *Journal of the American Dietetic Association*, 102(2), 226-233.
- Perdon, A. A., Poutanen, K. S., & Schonauer, S. L. (2020). Breakfast cereals and how they are made—Introduction. In Breakfast Cereals and How They Are Made (pp. 1-4). AACC International Press.
- Scarborough, P., & Rayner, M. (2014). When nutrient profiling can (and cannot) be useful. *Public health nutrition*, 17(12), 2637-2640.
- Serra-Majem, L. (2001). Vitamin and mineral intakes in European children. Is food fortification needed?. *Public Health Nutrition*, 4(1a), 101-107.
- Shewry, P. R. (2007). Improving the protein content and composition of cereal grain. *Journal of cereal science*, 46(3), 239-250.
- Smith, C. E., & Tucker, K. L. (2011). Health benefits of cereal fibre: a review of clinical trials. *Nutrition research reviews*, 24(1), 118-131.
- Smith, K. J., Gall, S. L., McNaughton, S. A., Blizzard, L., Dwyer, T., & Venn, A. J. (2010). Skipping breakfast: longitudinal associations with cardiometabolic risk factors in the Childhood Determinants of Adult Health Study. *The American journal of clinical nutrition*, 92(6), 1316-1325.
- Spence, C. (2017). Breakfast: The most important meal of the day?. *International journal of gastronomy and food science*, 8, 1-6.
- Stockley, L., Rayner, M., & Kaur, A. (2008). Nutrient Profiles for Use in Relation to Food Promotion and Children's Diet: Update of 2004 Literature Review. Food Standards Agency, London.

Susanto, F. (2015). Breakfast skipper and breakfast eater: which is better. *Int J Nutr Food Sci*, 4(5), 565-573.

Theurich, M. A., Koletzko, B., & Grote, V. (2020). Nutritional Adequacy of commercial complementary cereals in Germany. *Nutrients*, 12(6), 1590.

Townsend, M. S. (2010). Where is the science? What will it take to show that nutrient profiling systems work?. *The American journal of clinical nutrition*, 91(4), 1109S-1115S.

Williams, P. G. (2014). The benefits of breakfast cereal consumption: a systematic review of the evidence base. *Advances in nutrition*, 5(5), 636S-673S.

World Health Organization. (2011). Nutrient profiling: Report of a WHO. Retrieved March 2, 2021 from <https://apps.who.int/iris/bitstream/handle/10665/336447/9789241502207-eng.pdf>

Appendices

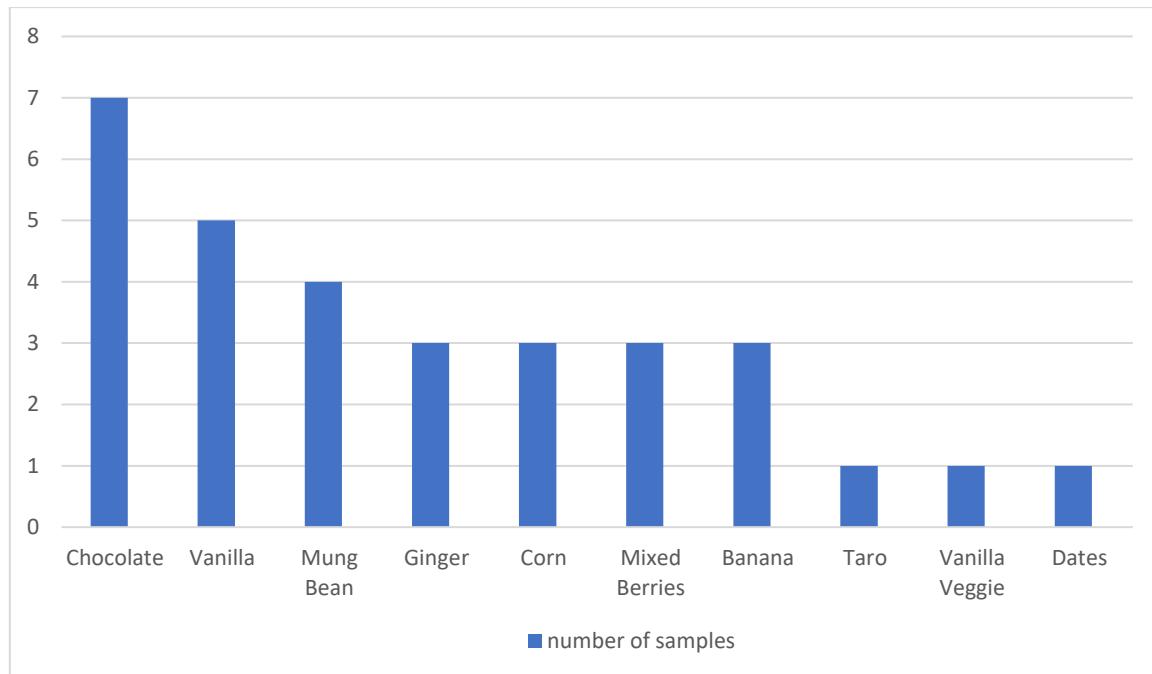


Figure 1 PCB product Flavor Variant.

Table 1 ID number, price per pack, and price per kcal

ID number	Product	Price per pack	Serving size (grams)	Calories per serving (kcal)	Price/kcal
EM0101	Energen Ginger	1980	29	130	15.23
EM0102	Energen Corn	1980	25	110	18.00
EM0103	Energen Vanilla	1980	29	130	15.23
EM0104	Energen Mung Bean	1980	30	130	15.23
EM0305	Energen Kurma	1800	30	130	13.85
EM0106	Energen Chocolate	1980	29	130	15.23
II0101	Indocafe Ginger	2460	35	160	15.38
EM0201	Energen Vanilla	1660	29	130	12.77
EM0202	Energen Chocolate	1660	29	130	12.77
EM0203	Energen Corn	1705	25	110	15.50
EQ0101	Quickstart Chocolate	4698	30	130	36.14
EQ0102	Quickstart Vanilla Veggie	4698	30	130	36.14
EM0401	OATMILK MIXED BERRIES	4000	24	90	44.44
EM0402	OATMILK BANANA	4000	24	90	44.44
IG0201	GOWELL Taro	2000	29	120	16.67
IG0202	GOWELL Vanilla	2000	29	120	16.67
IG0203	GOWELL Mung Bean	2000	29	120	16.67
IG0204	GOWELL Chocolate	2000	29	120	16.67
EM0301	Energen Vanilla	1650	29	130	12.69
EM0302	Energen Chocolate	1650	29	130	12.69
EM0303	Energen Mung Bean	1650	30	130	12.69
EM0306	OATMILK MIXED BERRIES	3800	24	90	42.22
EM0307	OATMILK BANANA	3800	24	90	42.22
EM0404	Energen Corn	1500	25	110	13.64
EM0405	Energen Vanilla	1500	29	130	11.54
EM0406	Energen Mung Bean	1500	30	130	11.54
EM0407	Energen Chocolate	1500	29	130	11.54
EM0107	OATMILK MIXED BERRIES	3850	24	90	42.78
EM0108	OATMILK BANANA	3850	24	90	42.78
EM0109	Energen Chocolate (less sugar)	2145	20	90	23.83
EM0404	Energen Corn	1500	25	110	13.64