



## INSTITUTIONAL POSITION

Address Food and Nutrition Insecurity Among Children and Families  
March 23, 2023

**WHEREAS**, food insecurity, the primary measure of food hardship, is associated with poor diet and nutrient deficiencies, which may lead to chronic diseases, including kidney disease, obesity, cardiovascular disease, and type 2 diabetes;<sup>i</sup> and

**WHEREAS**, food insecurity is also associated with childhood developmental delay and psychological distress,<sup>ii, iii, iv</sup> and

**WHEREAS**, even marginal food insecurity is associated with poor health and educational outcomes among children;<sup>v</sup> and

**WHEREAS**, 10.2 % (13.5 million) of United States households were food insecure at some time during 2021, while food insecurity for Illinois families was close to the national average at 9.4 percent in the same year;<sup>vi</sup> and food insecurity rates were exacerbated by the COVID-19 pandemic;<sup>vii</sup> and

**WHEREAS**, systemic and structural racism has resulted in children of color being more likely to experience nutrition insecurity due to living in food deserts, economic hardship and/or social disadvantage, and reduced access to healthcare and other supports;<sup>viii</sup> and food insecurity in Chicago has a disproportionate impact on Black/African American and Latino youth and families;<sup>ix</sup> and

**WHEREAS**, federal food assistance programs such as the Supplemental Nutrition Assistance Program (SNAP), the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), the National School Lunch and Breakfast Programs, and the Child and Adult Care Food Program have improved food security and dietary intake among participants;<sup>x, xi, xii, xiii, xiv, xv</sup> and

**WHEREAS**, living closer to healthy food retail is among the factors associated with better eating habits and decreased risk for obesity and diet-related diseases;<sup>xvi</sup> and

**WHEREAS**, there is strong evidence that fruit and vegetable incentive programs and subsidies, and interventions that increase an emphasis on produce among small, local grocers and other food retailers increase the affordability, access, purchase, and consumption of fruits and vegetables.<sup>xvii, xviii</sup>

**NOW THEREFORE LET IT BE RESOLVED**: that Ann and Robert H. Lurie Children's Hospital of Chicago ("Lurie Children's") engage in policy, program, and research initiatives that: 1) examine and address food insecurity and nutrition among children and families; and 2) strengthen and expand access to nutritious food within the local emergency and retail food environments in Chicago and beyond; and

**FURTHER BE IT RESOLVED**: that Lurie Children's support local, state, and federal efforts to: 1) increase the purchasing power of food-insecure families to acquire nutritious food, including protecting and expanding access to federal food assistance programs; and 2) to protect or strengthen nutrition standards within those programs.

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<sup>i</sup> Hartline-Grafton, H. (2017). Hunger and Health – The Impact of Poverty, Food Insecurity, and Poor Nutrition on Health and Well-Being. Available at: [Hunger and Health - The Impact of Poverty, Food Insecurity, and Poor Nutrition on Health and Well-Being - Food Research & Action Center \(frac.org\)](https://www.frac.org/research-and-action-center/hunger-and-health-the-impact-of-poverty-food-insecurity-and-poor-nutrition-on-health-and-well-being)



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- <sup>ii</sup> Myers CA. Food Insecurity and Psychological Distress: a Review of the Recent Literature. *Curr Nutr Rep.* 2020 Jun;9(2):107-118. doi: 10.1007/s13668-020-00309-1. PMID: 32240534; PMCID: PMC7282962.
- <sup>iii</sup> Rose-Jacobs, R., Black, M. M., Casey, P. H., Cook, J. T., Cutts, D. B., Chilton, M., Heeren, T., Levenson, S. M., Meyers, A. F., & Frank, D. A. (2008). Household Food Insecurity: Associations With At-Risk Infant and Toddler Development. Available at: <https://pediatrics.aappublications.org/content/121/1/65> .
- <sup>iv</sup> Burke, M. P., Martini, L. H., Çayır, E., Hartline-Grafton, H. L., & Meade, R. L. (2016). Severity of Household Food Insecurity Is Positively Associated with Mental Disorders among Children and Adolescents in the United States. Available at: <https://academic.oup.com/jn/article/146/10/2019/4584795> .
- <sup>v</sup> Cook, J. T., Black, M., Chilton, M., Cutts, D., Ettinger de Cuba, S., Heeren, T. C., Rose-Jacobs, R., Sandel, M., et al. (2013). Are Food Insecurity's Health Impacts Underestimated in the U.S. Population? Marginal Food Security Also Predicts Adverse Health Outcomes in Young U.S. Children and Mothers. *Advances in Nutrition.* 4(1):51–61. Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3648739/>
- <sup>vi</sup> Coleman-Jensen, A. & Hales, L. (2021). Food Security in the US: Interactive Charts and Highlights. Available at: <https://www.ers.usda.gov/topics/food-nutrition-assistance/food-security-in-the-u-s/interactive-charts-and-highlights/#childtrends>
- <sup>vii</sup> Coleman-Jensen, A., Rabbitt, M. P., Gregory, C., & Singh, A. (2021). Household Food Security in the United States in 2020. Economic Research Service, ERR-298. Washington, DC: U.S. Government Printing Office. Available at: <https://www.ers.usda.gov/webdocs/publications/102076/err-298.pdf>
- <sup>viii</sup> Gamblin, M., Brooks, C., & Abu Khalaf, N. B. (2018). Applying Racial Equity to U.S. Federal Nutrition Assistance Programs: SNAP, WIC and Child Nutrition. Available at: [Applying a Racial Equity Lens to End Hunger - Bread for the World](#)
- <sup>ix</sup> Dr. Diane Whitmore Schanzenbach analysis and prediction of food insecurity levels using the Food Security Supplement to the Current Population Survey and U.S. Census Household Pulse Survey food sufficiency responses for the Chicago Metro Region, January 26 to February 7, 2022. Available at: [https://www.chicagosfoodbank.org/wp-content/uploads/2022/04/2022\\_HungerInOurCommunity-Spring-FINAL.pdf](https://www.chicagosfoodbank.org/wp-content/uploads/2022/04/2022_HungerInOurCommunity-Spring-FINAL.pdf)
- <sup>x</sup> Gundersen, C., Kreider, B., & Pepper, J. V. (2017). Partial Identification Methods for Evaluating Food Assistance Programs: A Case Study of the Causal Impact of Snap on Food Insecurity. *American Journal of Agricultural Economics.* 99(4):875–93 Available at: <https://experts.illinois.edu/en/publications/partial-identification-methods-for-evaluating-food-assistance-pro>
- <sup>xi</sup> Hartline-Grafton, H. (2017). Hunger and Health - The Role of the Supplemental Nutrition Assistance Program (SNAP) in Improving Health and Well-Being. Available at: [Hunger and Health - The Role of the Supplemental Nutrition Assistance Program \(SNAP\) in Improving Health and Well-Being - Food Research & Action Center \(frac.org\)](#)
- <sup>xii</sup> Tester, J. M., Leung, C. W., & Crawford, P. B. (2016). Revised WIC Food Package and Children's Diet Quality. *Pediatrics.* 137(5). Available at: <https://pubmed.ncbi.nlm.nih.gov/27244804/>
- <sup>xiii</sup> Zhang, Q., Alsuliman, M. A., Wright, M., Wang, Y., & Cheng, X. (2020). Fruit and Vegetable Purchases and Consumption among WIC Participants after the 2009 WIC Food Package Revision: A Systematic Review. Available at <https://pubmed.ncbi.nlm.nih.gov/32452523/>
- <sup>xiv</sup> Fletcher, J. M., & Frisvold, D. E. (2017). The Relationship between the School Breakfast Program and Food Insecurity. *Journal of Consumer Affairs.* 51(3):481–500. Available at <https://pubmed.ncbi.nlm.nih.gov/30008484/>



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<sup>xv</sup> Gundersen, C., Kreider, B., & Pepper, J. (2012). The Impact of the National School Lunch Program on Child Health: A Nonparametric Bounds Analysis. *Journal of Econometrics*. 166(1):79–91 Available at: <https://doi.org/10.1016/j.jeconom.2011.06.007>

<sup>xvi</sup> Bell, JB, et al. (2013). Access to Healthy Food and Why it Matters: A Review of the Research. Available at: <https://www.policylink.org/resources-tools/access-to-healthy-food-and-why-it-matters>.

<sup>xvii</sup> Olstad DL, Crawford DA, Abbott G, et al. (2017). The impact of financial incentives on participants' food purchasing patterns in a supermarket-based randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*. 14:115.

<sup>xviii</sup> Gittelsohn J, Rowa M, Gadhoke P. (2012). Interventions in small food stores to change the food environment, improve diet, and reduce risk of chronic disease. *Preventing Chronic Disease*. 9:110015,