

Food Safety and Safety in Mexico, Outlook and Trends, 2022

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Opinion

Knowing the history of a food from its origin and production to consumption is increasingly important; in fact, the current trend is to monitor the routes that the food has taken since its origin. The lack of knowledge about good manufacturing practices, as well as the limited availability of complementary technical information, have a negative impact on the handling and preparation of food, both at a family and commercial level. Therefore, the objective of this research was to identify the main causes and effects that have an impact on Food safety and security in Mexico, through the use of official sources of secondary information. The application of control methods on food safety, such as Hazard Analysis and Critical Control Points (HACCP), which helps control the various processes applied to food and is aimed at preventing or avoiding risks of diseases that can convey food.

When society presents difficulties in obtaining food, we are facing a panorama of uncertainties and conflicts to satisfy a basic need: to eat. This scenario is called food insecurity and conceptualizes all the inconveniences that people have to access safe, nutritious food in

sufficient quantity to supply what every individual needs to survive: good health, harmony, and general well-being. According to the Food and Agriculture Organization of the United Nations (FAO [1]), historically between 702 and 828 million people suffer from hunger in the world (FAO [2]). According to the Global Food Security Index (GFSI), developed by Economist Impact and supported by Corteva Agriscience, Mexico presents a stable growth trend, ranking 43 out of a total of 113 nations in the world with a general score of 69.1% in Food Safety.

While at the Latin American level it presented a growth of 7.3 points in the last 11 years, ranking sixth out of 19 countries evaluated in Latin America (GFSI [3]). According to the Center for Disease Control and Prevention (CDC), the main causes of food insecurity are related to social determinants of health, such as: low income and unemployment, lack of access to nutritious food, lack of affordable housing and lack of access to medical care (CDC [4]). The growth trend in food safety and security in Mexico in Latin America and the world is significantly favorable, however, 30.9% of the overall score in Food Safety worldwide is unfavorable and leads to

constant concern and occupation to improve and continue with the current growth trend in food safety (GFSI [3]). The economic, social, political and environmental complexity of food security demands broad participation in the debate on the different options available to ensure sufficient, stable, safe and sustainable availability of food and therefore contribute to the objective of the Zero Hunger program.: put an end to hunger; achieve food security and improved nutrition, and promote sustainable agriculture, thus continuing the growing trend in food safety and security in Mexico.

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