

Title: **Fisheries Typical Production Units At Northwestern Mexico**

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Abstract: To analyse and project the impact of structural, technological and political changes on food production, the Mexican Government, through the Secretary of Agriculture, Livestock, Rural Development, Fisheries and Food (SAGARPA), is undertaking the analysis of typical production units TPU in the agricultural and livestock sectors, by means of adapting simulation models originally developed for the United States of America. TPU are defined by means of panels in which producers provide technical and economic data (cost of production, profit, etc.) in order to carry out a micro-economic analysis of a base year and its 10-year projection, making assumptions on the development of prices derived from macro-economic analysis. This methodology has not been applied for the case of fisheries up to now, so the project has begun by considering small scale fisheries (for abalone and lobster at the west coast of the Baja California peninsula) and industrial fisheries (the sardine fishery in the Gulf of California). In this study we present the ongoing results on the definition of TPU. For the first one, classification criteria include geographical location, as well as their organization, production and social impact levels; three TPU were defined. For the second, the kind of fishing vessels and the degree to which the freezing, canning and reduction processes are integrated; however, we ended up considering exclusively the type of fishing boats to define two TPU. Each TPU is hereby described and discussed within the framework of each fishery and their historical development.