

<b>Title</b>	Socio-Economic Analysis and Efficiency of Small Ruminant Farms: The Case of West Mediterranean Region
<b>Number</b>	
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### Abstract:

The West Mediterranean Region which own natural resources, meadow-pasture and scrub, provides suitable environment for goat breeding. Economical analyses, determining the actions which may be taken and detecting the problems of agricultural enterprises which make sheep and goat farming in West Mediterranean region. Small ruminants (sheep and goats) are quite important for economy of small family farms in this region so this area especially is determined to be research area.

According to data of Turkey Statistical Institute of 2014, Turkey's worth of live animals is around 62.5 billion. 17.9 billion ₺ of this total amount have been obtained from small ruminants animals and this total value of livestock have comprised of 22.2% sheep and 6.4% goats. Turkey's about 4.5% of presence of sheep and goats is located in the West Mediterranean Region. The 1991-2014 period is examined according to 1991 in 2014; Turkey's number of sheep and goats has been a decrease 19.01% ratio, West Mediterranean Region's number of sheep and goats has been a decrease 4.85% ratio (TUIK, 2015a). In the region, especially between 2006-2012, presence of goats declined significantly. This case has entered the recovery process especially after 2014.

The material of the study has consisted of primary data which obtained from farmers and the industry stakeholders by surveying method with a secondary data related to the presence of small ruminants animals which obtained from Turkey Statistical Institute and Breeding Sheep and Goat Breeders Association. The sample size of the research population has been defined as 102 for sheep farms and 95 for goat farms with stratified sampling method. The distribution layer has been made with Neyman Method according to the number of animals. The analysis will be performed for the purposes; Chi-square test or analysis of variance will be done in assessing the socio-cultural structure of farms, absolute profit, relative profit and net revenue will be done in assessing economic structure and annual results of farms, Likert Scale will be done investigation of marketing opportunities, identification of the state benefit from the livestock support of farms, identification of problems in the livestock sector, detection of the satisfaction and expectations of farms, Factor Analysis will be done in the determination of the factors effective in small ruminants breeding, stochastic frontier analysis will be done for measuring the effectiveness of small ruminant farms, focus group interview analysis will be done relating to submission of proposals for the development of the sector together with stakeholders.

Research results which will be obtained in this study are expected to shed light on policies to be implemented as regards small ruminants. The research results will be shared policy makers, stakeholders and the relevant sectors.