

Comparison of Income and Expenditures of Nomads Pastoralists in Irrigated Areas and Desert Areas of Cholistan under Varying Environmental Conditions

By

Mariam Abbas Soharwardi¹, Jamal Abdul Nasir¹ and Muhammad Arshad²

¹The Islamia University of Bahawalpur, Pakistan

²Cholistan Institute of Desert Studies, The Islamia University of Bahawalpur, Pakistan

Abstract

Economy of the nomad's pastoralists of Cholistan desert can be divided in to two parts, i) economy of the nomads when they stay in the desert and ii) economy of the nomads when they are at irrigated areas. The purpose of this study is to calculate income and expenditures separately in irrigated areas and in desert areas and find out reasons of migration towards desert areas where necessities of life are insufficient. Although after allotments of lands to nomad's pastoralists by government trend of this migration minimize but sample data is taken from the villages where people still adopted this practice of migration. The present study revealed that people earn more income in irrigated area as compared to desert areas as 71% people earn their income in the range of Rs. 1,00,100/- to 2,00,000/- where as in desert area they earn their income in the range of Rs.1000/- to 50,000/-. Number of livestock is greater in desert areas as compared to irrigated areas. Sixty eight percent people have their own lands but only 29% people cultivate crops on their lands because in some areas availability of water is unsatisfactory. While sixty eight percent population of sample area received financial support from government which helps to increase the income. The study was econometric and economy was measured by income and expenditures using Binary Logistic Regression Model applied on 200 sample data taken from ten different villages of Cholistan desert. First study was done on income of nomads in irrigated areas in May 2008 while in the present study a comparison is done on income and expenditure pattern of nomads in irrigated areas and in desert areas under varying environment conditions of Cholistan Desert.