

Participatory risk assessment Peste des petit ruminants: Factor analysis of small ruminants' pastoral management practices in Turkana district, Kenya

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Date: 1998

Abstract

Need an introduction on why define risk- eg new disease,risk factors not defined)This research established the risk factors associated with PPR spread in Turkana district. The study, a participatory risk assessment looked at the social cultural and small stock husbandry activities that may facilitate exposure of sheep and goats to possible PPR infective herds or animals. A questionnaire with total of 62 variables describing key sheep and goat husbandry and production process in the pastoral set up in Turkana community was applied to 142 villages (Adakars) across six administrative divisions in west and north of Turkana District. The risk assessment questionnaire was developed as a Likert scale based on summated rating scale format. Factor analysis was used to(for) extraction of 7 factors that accounted for 45.3% of the variance in the reworked 49 variables analyzed. These extracted factors were thus taken as salient risk factors that are associated with spread of PPR in Turkana.(Need summarized results and conclusion of the study)