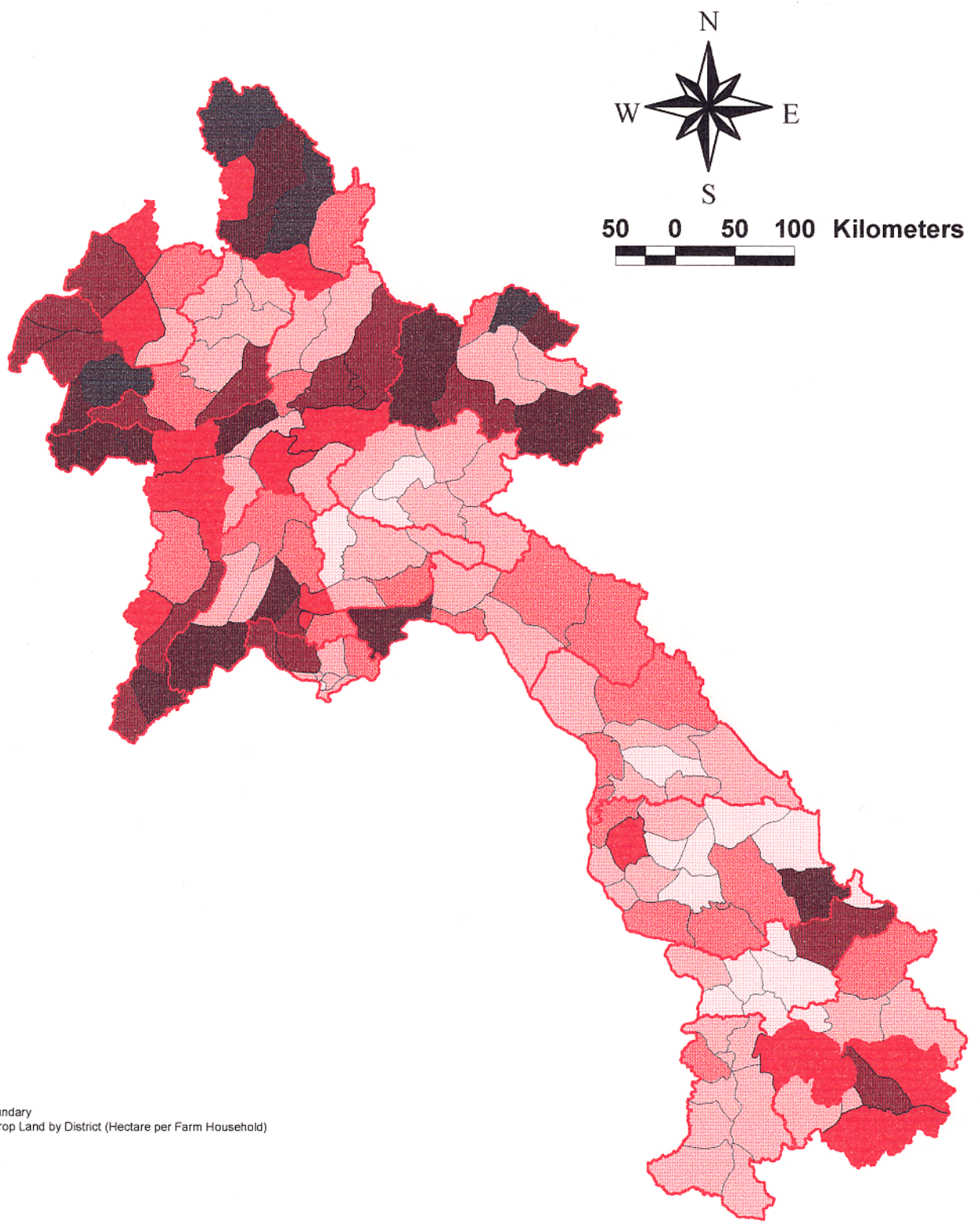


4.3 Availability of Potentially New Agricultural Land and Priority Ranking for Removal of UXOs

In addition to the assessments of agricultural setting and agricultural potential, two sets of supplemental analyses are made so as to determine the detailed agricultural development potential at the district level. The supplemental analyses include; (i) availability of potentially new agricultural land per farm household by district, and (ii) priority ranking of each district for removal of UXOs. The former analysis clarifies the degree of population pressure on agricultural land in each district, and the latter clarifies the important districts for UXO removal. The methodologies applied to the analyses are described below.

Title	Methodology
Figure 4.7 Availability of Potentially New Agricultural Land per Farm Household	Potentially new agricultural land per farm household is estimated by applying the following formula: $Afh = (Apl - Fal - UXO) / Fhd$ Where Afh = Availability of potentially new agricultural land per farm household Apl = Total potential agricultural land including existing agricultural land Fal = Existing agricultural land UXO = Potential agricultural land with UXO risk Fhd = Farm households
Figure 4.8 Priority Districts for UXO removal	Priority ranking of each district for removal of UXOs is evaluated based on scores, which are obtained from an assessment made on several data sets in accordance with the following criteria: - District without risk = score 0, - District with some UXO risk on potential agricultural areas = score 1, - District with a UXO risk and more than 18 persons/km ² = score 1, - District with 0.0-0.5 ha of average holding of potential agricultural area in which UXO risk area is excluded = score 1 - District with less than 0.0 ha of average holding of potential agricultural land after excluding UXO risk areas = score 3 (Maximum score is 5, and minimum score is 0)

The results of the analyses are presented in Figures 4.7 and 4.8, respectively. Table 4.8 indicates the numerical results of assessment on availability of potentially new agricultural land per farm household by district, corresponding to Figure 4.7.



Data Source: National Agriculture and Forest Research Institute
 Lao National UXO Programme
 1998/99 Population Census

Figure 4.7 Average Size of New Agricultural Area per Farm