CHAPTER V

ANALYSIS

5.1   Summarization of the data

The primary outcome was measured in terms of the level of the performance of AHW working in the health post at the Central Development Region of Nepal. This outcome was summrized in term of percentage. Secondary outcomes, factors associated with the expected performance, were computed by descriptive statistics where appropriate, i.e quantitative data were summerized in term of mean and standard deviation, qualitative data were summerized in term of proportion or percentage.

5.2   The statistical test.

5.2.1) The statistical comparison of the skill performance of AHW between those working in the hill and terai health post were calculated using the Chi-square statistic applied to the two by two table.

5.2.2) Logistic regression analysis was used to predict the effect of independent variables (factors associated with the expected performance) on the dependent

variables(expected performance).

Seven predict variables included supervision by health post in-charge, supervision by district, supervision by region, supervision by center , refresher training, duration of work percentage of CMA. graduation.

5.2.3 To show the mean difference, unpaired T. test was used among the three variables, i.e. refresher training, duration of work, percentage of AHW graduation.