

KNOWLEDGE ABOUT SOLID WASTE MANAGEMENT AND SOLID WASTE  
MANAGEMENT PRACTICES AMONG HOUSEHOLDS OF BARANGAY  
POBLACION, LEON, ILOILO

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WASTE MANAGEMENT PRACTICES AMONG HOUSEHOLDS OF BARANGAY  
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ABSTRACT

This study was conducted to determine the level of knowledge and practices about solid waste management among households in Brgy. Poblacion, Leon, Iloilo. The one shot survey design was used in gathering data from 296 households from 7 zones in Barangay Poblacion, Leon, Iloilo using a researcher made questionnaire. All data were processed and analyzed using the Statistical Package for the Social Sciences (SPSS). Descriptive statistics like frequency and percentage distribution and inferential statistics like t-test, ANOVA and Chi-square test were used as bases of interpretation. Results of the study revealed that the respondents are generally males, 31 to 40 years old, Roman Catholic, married, have graduated from college, vendors, with an average income of PHP9,797.30 monthly, and a household size of 4 and below. They have a high level of knowledge about solid waste management and moderate level of solid waste management practices. There were no significant differences in knowledge about solid waste management according to the respondents' sex, civil status, and household size, but there were significant differences in knowledge about solid waste management according to the respondents' age, religion, educational attainment, occupation, and monthly income. There were no significant differences in solid waste management practices according to the respondents' age, sex, religion, and civil status but there were significant differences

in solid waste management practices according to the respondents' educational attainment, occupation, monthly income, and household size. There was a significant relationship between level of knowledge of the respondents about solid waste management and solid waste management practices. The households generated an average of 2.39 kg of solid wastes per day or about a ton (872.35 kg) of solid wastes per year.