

ABSTRACT

A cross-sectional descriptive study by systemic random sampling was conducted among vendors in Mingaladon market, Mingaladon Township, Yangon. The two hundred and twelve vendors were face-to-face interviewed with pretested semi-structured questionnaire to identify the socio-demographic characteristics and to assess the knowledge, attitude and practice of vendors on solid waste disposal. Observational checklist was used to assess the condition of waste disposal from their shop.

Out of 212 vendors, (84.4%) of workers were female. Half of the vendors had attained the medium education level. Grocery and clothes were majority of goods shop in this study area. Most of the waste from that market was plastic waste (28.6%). More than half of vendors got information about proper way of solid waste disposal from mass media such as television, newspaper, pamphlet and internet. Half of the vendors knew that burying is the best way of waste disposal. Majority of vendors had knowledge about environmental impact caused by improper solid waste disposal and disadvantages of plastic waste. Majority of vendors knew that plastic bags cannot be naturally degradable, improper disposal can cause the adverse on environment and blockage of drains which can cause flooding, stagnant flow of water. And Majority of vendors also knew blockage of drain by waste can create favourable environment for vector borne diseases. Half of vendors knew burning of waste can harm human health. But only (10%) of vendors knew about three “R” strategies.

Majority of the vendors had the attitude of proper disposal of solid waste not only can reduce the adverse effect of health and environment but also pride of our community. But they thought that waste disposal is concerning with municipal’s responsibility only. Most of vendors had good attitude on disposing refuse at road side and in the drain. And more than half of vendors also agreed that reducing solid waste by reusing and recycling, and reuse of plastic bags are important for conservation of