

**UTILIZATION OF PORT HEALTH SERVICE CENTER AMONG
SAILORS AT BITUNG INTERNATIONAL SEA PORT, BITUNG
CITY, NORTH SULAWESI PROVINCE, INDONESIA**



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SULAWESI PROVINCE, INDONESIA

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ABSTRACT

A cross sectional descriptive study was conducted on utilization of the port health service center among sailors at Bitung international sea port, North Sulawesi province, Indonesia. The factors were socio-demographic characteristics, attitude towards the port health center, convenience, perceived availability of health care services, and ease of relationship with health care staff and utilization of port health service center.

A quantitative approach using a structured questionnaire was undertaken among 266 sailors aged from 20 to 56 years old who use the port health center as a routine or non-routine, in the previous 6 months period, and which were on duty or off duty. For data analysis, descriptive statistical analysis techniques were used to describe the percentages and frequencies of variables. Chi-square test was used for relationships with the significance level set at 0.05.

The result revealed that 36.09 percent of the sailors were aged 30-36 years, married (62.78%), and had graduated at a secondary or high school level (63.91%). The majority of them were crew (52.26%). Of the subjects, 56.39 percent lived in a rented house-room, 58.65 percent felt pay was sufficient for family expenses but had no savings. Regarding health services 60.90 percent used services as routine and 30.10 percent as non-routine. Attitudes toward the port health center were at (55.77%) moderate attitude, 38.46 percent expected cheap costs, their financial source was making a company insurance claim (62.50%). A similar number of respondents perceived availability and human relationship as a good, moderate or poor. The requirement to visit the port health center was 59.62 percent, for a medical check up or treatment (on duty). Levels of utilization were one time (89.42%) and more than one time (10.58%).

It was found there were significant relationships between present position, type of residence, sufficiency for family expenses, cost, financial source, and requirement to visit with utilization of port health center.

The recommendation from this study is that the performance, available facilities and the range of services of the port health office needs to improve by integrating stakeholders and supervising the system properly.

KEYWORDS: UTILIZATION OF PORT HEALTH SERVICE CENTER

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