

RESEARCH REVIEW: MAPPING OF THE DISTRIBUTION OF PUBLIC HEALTH CENTRE IN JAYAPURA IN ACCORDANCE WITH MINISTRY OF HEALTH STANDARDS

Martapina Anggai, Stevanus Rantetoding

Faculty of Public Health, Cenderawasih University Jayapura

Email: mariamartafkm@gmail.com

Abstract

Public Health Centre as the technical unit for implementing health development at the sub-district level, which carries out health services under the district health office. Public Health Centre are known as pratama level health services, which are better known as the spearhead of health development in Indonesia. The research objective was to find out, human resources, facilities and infrastructure, the quality of health services at Public health centre in Jayapura Regency. Qualitative research design with in-depth interview approach. The research center at the health center in Jayapura Regency. The selection of public health centre is in accordance with two criteria, namely the Public health centre located in the middle of the city of Jayapura Regency and the Public health centre located in the outskirts of the city Jayapura Regency. The population was all Public health centre in Jayapura Regency, while the samples were Public health centre Harapan and Sentani in the middle of the city of Jayapura Regency, and Public health centre Dosai in the suburbs of Jayapura Regency. Clinics that meet the standards of the Ministry of Health is the health center has sufficient human resources, availability of infrastructure, yang complete, and the quality of health services to the community health center maximum, so that people are satisfied with the health center services. The results showed that Public health centre Harapan and Public health centre Sentani met the standards of the Ministry of Health, which were judged from adequate human resources, availability of adequate facilities and infrastructure, and maximum quality of Public health centre health services. Dosai Public health centre has not met the Ministry of Health's standards, which is judged from human resources to be insufficient, the availability of facilities and infrastructure is inadequate, and the quality of Public health centre services is not optimal.

Keywords: *Mapping the Distribution of Health Centers, Ministry of Health Standards*

1. BACKGROUND

Mapping is a very important part of measuring the development of government towards communities throughout Indonesia. Regional mapping is said to be good, which is a mapping that can provide a picture of a prosperous community and those who are not prosperous from the results of government development (2). The Indonesian government in building society really needs mapping in all fields, to measure the progress of national development. This is an important part of improving the quality of life of people in all fields, such as health, economy, education, and so on (3). Mapping in the health sector is very important to measure the health status of the Indonesian people (4). Based on the health law of the Republic of Indonesia number 3 of 2018, the mapping of areas in Indonesia must be able to provided an overview of the quality of health services of the Ministry of Health of the Republic of Indonesia. The quality of health services can be portrayed through developed areas where the level of public health is getting better, while in less developed areas the level of public health has not

improved. This is a fundamental problem, mapping needs to be done to measure Indonesia's national development (5). Mapping of regions or regions in Regencies / Cities in Provinces in Indonesia is an important part of the National Medium Term Development Plan (RPJMN) (6). One of the important parts of the National Medium-Term Development Plan is the RPJMN- Ministry of Health, which is drafted by the Ministry of Health, proposed to Bappenas, and approved by Bappenas for the five-year mid-term development program (7).

The RPJMN-Ministry of Health is the basis of health development in Indonesia for five years, in which the mapping of Indonesia's territory is a special focus of attention, to assess health development in urban, rural, underdeveloped areas and developed areas (6). Important suggestions from the Ministry of Health are Human Resources (HR) for health, health facilities and infrastructure, the quality of health services to improve the degree of public health. However, according to law number 36 of 2009 regarding the availability of health facilities at Public health centre, it is a special guideline in Jayapura Regency, in order to

improve the quality of health services for its people (2). Based on the regional mapping from the health portrait, we want to examine the available health human resources, health facilities and the quality of health services available at the Public health centre in Jayapura Regency.

2. METHOD

Qualitative research design. The approach used in the research is in-depth interviews and observations, to describe the patient mapping of the Public health centre in Jayapura Regency (Afiyanti. Y, Rachmawati. I, 2014). The criteria in this study were to measure the availability of health public resources available at each Public health centre, the availability of health facilities and infrastructure available at each us pack, and the quality of Public health centre services to the community in Jayapura Regency. Public health centre distribution mapping can be measured according to Ministry of Health standards. The population in this determination was 20 Public health centre in Jayapura Regency. Samples were 3 Public health centre located in Jayapura Regency, Public health centre Harapan and Public health centre Sentani which are located in the middle of Jayapura Regency, Public health centre Dosai which are located not in the city, but in the periphery of Jayapura Regency.

3. RESULTS and DISCUSSION

Human resources are important in building a nation and a country. A good nation is a nation that has human resources in all fields to improve the people's welfare (9). One important part of health care is health resources. Health services to the community urgently need trained health personnel, meaning that health workers educationally have health human resources who are ready and have sufficient knowledge to develop public health (10). The big advantage of health human resources is maximum health services to reduce morbidity and mortality in Indonesia (11). According to the Ministry of Health of the Republic of Indonesia, that the spearhead of the implementation of public health services is the Public health centre, therefore the Public health centre is called a community health center. However, to improve the quality of Public health services, it really requires maximum human resources according to the Ministry of Health standards (12). Human resources for Public health centre's health, which meet the standards of the Ministry of Health. The availability of sufficient health center health resources, in accordance with the standards of the Ministry of Health, in terms of

health services has a major influence on the quality of health services to the community (14).

Based on the results of in-depth interview research 3 Public health centre in Jayapura District, Harapan Health Center, Sentani, and Dosai. The results showed that there were differences in the available health center human resources. The Harapan and S entani Public health centre, which are located in the middle of the city of Jayapura Regency, have sufficient health human resources. However health resources available, consist of doctors 4, undergraduate public health 2, midwives 7, nurses 8, nutritionists 2 persons, laborant 1 person, IT 3 persons. Thus, Public health centre Harapan and Sentani, Public health resources are sufficient, and are in accordance with the standards of the ministry of health. Public health centre Dosai is one of the Public health centre out of 20 Public health centre in Jayapura Regency. Dosai Health Center is not located in an urban area, but is located in a rural area. The results of the in-depth interviews show that the health human resources available at the Dosai Public health centre are still limited. 1 doctor, 1 public health graduate, 5 midwives, 6 people passing by, 1 nutritionist, 1 laboratory, 1 IT. Thus, Public health centre Dosai, Public health resources are not sufficient, and not in accordance with Ministry of Health standards. Inadequate health centers health human resources, impact on forgetting maximum public health services in rural areas, mean to be a problem of the Ministry of Health, thus the Indonesian people in rural areas still have low health levels (15). Policy of the Ministry of Health in the National Medium Term Development Plan (RPJMN) –Ministry of Health years 2013 to 2018 that targeted building health program is more focused on lagging regions and rural areas, thus the health human resources is an important factor in the quality of health care health centers (16).

Planning information on the mapping of health facilities to improve health services, covering all areas of health in Indonesia. However, for health services at Public health centre that have advanced, with adequate health human resource standards, one important factor to consider is the quality of health services to reduce morbidity and mortality in the community (17). According to the Big Indonesian Dictionary, facilities and infrastructure have two different meanings. Means are equipment that can be used to achieve the desired goals of a government. Infrastructure is anything that is the main support, or very important for the implementation of an activity process. Such as businesses, buildings, and construction

projects (19). Health facilities and infrastructure are health facilities available to support health service functions, so that health service activities are carried out to the community (20). According to the Ministry of Health of the Republic of Indonesia in 2003, the health facilities and infrastructure available at the Public health centre are outpatient rooms, prone rooms, administration rooms, meeting rooms, registration rooms, outpatient medical records, waiting rooms, general polyclinic, KIA poly, nutrition poly. nutrition, pharmacy room, laboratory and dentist (21).

Based on in-depth interviews 3 Public health centre in Jayapura Regency. The results show that there are differences in the facilities and infrastructure available at the 3 Public health centre Jayapura Regency. Two Public health centre in urban areas of Jayapura Regency, namely Public health centre Harapan and Sentani, are Public health centre with sufficient available health facilities and infrastructure, which meet Ministry of Health standards. This means that all the health facilities at the Harapan and Sentani Health Centers that support the improvement of the quality of public health services and increase the health status of the community are in accordance with the standards of the Ministry of Health. The Dosai Public health is located in a rural area in Jayapura Regency. The results of the in-depth interviews showed that the health facilities and infrastructure available at the Dosai Health Center were not yet in accordance with the Ministry of Health standards. This means that some of the facilities and infrastructure are still lacking, such as: meeting rooms, laboratories, medical records, inpatient rooms, and nutrition rooms. Limited facilities and infrastructure at Dosai Public Health Center, illustrates that health services are still low, because health facilities used for public health services are still limited, thus the quality of health services to improve the degree of public health is still limited.

Health facilities and infrastructure are all health facilities available at the Public health centre (22). The health facilities available at the Public health centre meet Ministry of Health standards, providing great opportunities for improving public health, because the Public health centre is the end of the basic health service pool at the District level. One of the important parts of community health services at the sub-district level is health facilities and infrastructure for the health centers, to support the mission and mission of the Public health centre (23). The Ministry of Health measures the quality of health services at Public health centre, based on several important parts such as health center human resources, facilities and

infrastructure available at Public health centre. Facilities and infrastructure are health facilities, very much supporting health services. This means that the Public health centre building, the Public health centre room, medical check-up equipment, cars, and all other materials help in the health service process at the Public health centre. Thus, facilities and infrastructure in the health sector are referred to as supporting facilities for the achievement of health service goals in the vision and mission of the Public health centre (23). Based on in-depth interviews of 3 Public health centre in Jayapura Regency. The results show that there are differences in the quality of health services in 3 Public health centre in Jayapura Regency. Harapan and Sentani Public health centre have high quality health services, while Public health centre Dosai has low. The factors that distinguish the differences in the quality of health services in 3 Public health centre can be measured according to the available human resources, available facilities and infrastructure, thus, the Public health centre Harapan and Sentani meet the Ministry of Health standards. However, Dosai Public health centre is still not available, this is due to the limited human resources available, limited facilities and infrastructure, thus the Dosai Public health centre has not met Ministry of Health standards. Increasing the level of public health becomes the basis of life for the nation and state, where the morbidity and mortality rates of the community decrease, thus the quality of life of the community is getting better over time (25). Health is a primary need, humans with good health have very high productivity, but humans with low health have low productivity as well. This fact is strongly supported by the quality of health services at Public health centre towards the degree of public health at the District level (26).

4. CONCLUSION

Mapping of distribution of Public health centre in Jayapura Regency is in accordance with Ministry of Health standards. The Public health centre Harapan and Sentani meet the Ministry of Health's standards, through sufficient human resources, the facilities and infrastructure of the available Public health centre to support the quality of public health services. The quality of health services at the Dosai Public health centre has not been maximized to the community, which comes from the low human resources for health, the available health facilities and infrastructure are not sufficient, so that the function of the Public health is not optimal.

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