

The Mapping Pneumonia Illness At Toddler Using ArcView Application In District Area Lumajang 2012 - 2015

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ABSTRACT

Pneumonia is the cause in pain largest in toddlers. Looked from 2012 people with illnesses of Pneumonia reach 7176 cases, at 2013 reach 2039 cases, and at 2014 and 2015 reach 2882 and 2623 cases. The percentage amount each the district diversifies, because the factor of geographical and environment takes effect at status gizi toddlers and impact on the health problems of toddlers. So there needs to be mapping of deployment area for Pneumonia illnesses on toddlers that present data form picture. Visualization the area uses Geographical Information System. This types of research is descriptive research that is for descriptive the Pneumonia that happened. The data taken from Public Health Office Lumajang the form the data patients of Pneumonia illnesses on toddlers 2012 – 2015, data of total population, temperatur data, humidity data and rainfall in Lumajang district. The average moisture in Lumajang district 80%, the temperatur 26 °C, and the average moisture of rainfall every district different. The result of reseacrh at 2012 in Senduro district has the highest patient are 273 patients. At 2013 there are some district that experience signifikan reduction they are Pasirian district, Tempeh district, tekung district and Lumajang city. Senduro district, Lumajang city, Candipuro district are exceed 300 patients at 2014, while at 2015 Summersuko district are reach 453 patients.

Key word: ArcView, Mapping, Pneumonia