Background: Indonesia is located on the Ring of Fire region (ring of fire), one of the frequent disasters are earthquakes, the incidence of earthquakes in Indonesia reached 10 times the level of seismicity. To reduce the impact of the earthquake need their knowledge, attitudes, and preparedness throughout the community, including students who are vulnerable to disasters. Objective: To examine the relationship earthquake standby knowledge and students' attitudes towards kesiapsiagaan.

Metode: The study Analytical Cross Sectional. Total sample of 43 students, this instrument using a questionnaire. Data were analyzed using univariate and bivariate analysis menggunakan. Result: Knowledge of students on standby earthquakes in the category enough (53.5%), the attitude of the students in the category enough (51.2%), the preparedness of students in a category is almost ready (34.9%). There was a significant correlation between knowledge of earthquakes on preparedness standby obtained value (p-value = 0.000). There was a significant correlation anatara students' attitudes towards preparedness is obtained by value (p-value = 0.000). Conclusion: There is a relationship earthquake standby knowledge and attitudes towards preparedness.

Keywords: Earthquake, Preparedness, Knowledge, Attitude