

## ABSTRACT

Sub-District of Kenjeran represent one of the countryside in District of Bulak, Town of Surabaya with height situation 1 (one) meter above sea level, mean temperature 30°C, rainfall 100 Mm / year. Condition of region Sub-District of Kenjeran as coastal region, it is of course many effort fisherman, where its environment met by chemicals, solid garbage and water waste, this condition is conducive the happening of diarrhea at child. Without supported by available the health medium in Sub-District of Sukolilo consist of 4 (four) Inwrought Post Service, and 1 (one) Center Health of Society with a doctor as head of Puskesmas and midwife and also officer of other health (nurse). The officer of health giving service every day which is placed in Puskesmas and each month once placed at Inwrought Post Service.

Research by using sample children age 5-14 year with housewife responder counted 120 by using questioner. Result of research formulated to use simple regression and doubled linear regression and also logistics regression with test chi-square.

Pursuant to result of research by taking the responder which consist of 120 people in Sub-District of Kenjeran and also of Sukolilo have accustomed cleaned food-stuff, cleaning hand before setting the table, cleaning hand before feeding at child, cleaning with soap after defecating, immediately clean appliance eat after used, cooking drinking water, keep water in closed, and food heat among 50,8% till 98,8%. Nevertheless occurrence of diarrhea befalling at child can be classified high enough, that is 36,7% (table 2.26). But because occurrence of painfulness of diarrhea at this child have value of  $p < 0,25$  meaning there is no relation which behavioral among significant [of] family with occurrence of diarrhea [at] age child among 5 till 14 year in Sub-District of Kenjeran and also Sub-District Of Sukolilo District of Bulak Surabaya.

In the region Sub-District of Kenjeran and also of Sukolilo, most its citizen consume water of PDAM through] to buy that is counted 75,0%, defecating in toilet property of self 55%, Baby defecating in toiletproperty of self counted 56,7%, with house floor tile counted 50,0%, density of dwelling 2 people/room counted 51,7%, room ventilation do not all counted 54%, some of society throw away open waste in place and some of open counted 76%, with occurrence of diarrhea 36,7%. Condition of environmental sanitize exist in Sub-District of Kenjeran and Sub-District of Sukolilo is as a good environment, because of occurrence of painfulness of diarrhea at this child have value of  $p < 0,25$  meaning there no relation which significant among environmental sanitize with occurrence of diarrhea at age child among 5 till 14 year Sub-District of Kenjeran and Sub-District Of Sukolilo District of Bulak Surabaya.

Pursuant to result of analysis of regress simple logistics, from 21 analyzed variable, only 3 variable owning value of  $p < 0,25$ , that is work of family head, amount of head in family, and ventilation. Thereby to third the variable to analyze double logistics regress. Result of analysis of regress double logistics show there is no one from third the variable related to occurrence of diarrhea at age child 5-14 year.

