**Key Points**

* We found that compared to a higher age group (48-59 months), infants between the ages of 12 and 23 months were more likely to develop diarrhea
* Compared to children from mothers with secondary complete or higher educational status, children from mothers with no education or primary incomplete had a greater risk of diarrhea.
* Diarrhea among children aged 0 to 5 years old was also influenced by underweight, division, household wealth status, toilet facility type, and its shared status.
* Child nutrition, basic hygienic habits, and extra attention for young children during the rainy season all have a chance of being effective in lowering the mortality rate among children under five from diarrhea.