

**ABSTRACT :**

**INTRODUCTION :** Breast feeding includes many nutritional elements that provides all needs of children's nutrition within first six monthes year , and it should be continue with beginning of supplementary nutrition in first year . Breast feeding doesn't need to heating and it is always in available and it doesn't have nothing contamination . Breast feeding is caused strengthening relation of emotional and psychologic between mother and her child , and the children who they have used from Breast feeding have high IQ more formula .

The aime of this study was to determine asso ciated affect of Breast feeding and children's Iq of on primary school students in the 1383 – 1384 .

**MATERIAL AND METHODS :**

This is a descriptive – sectional – prospective study . Between the primary school students of Ardebil city in educational year in the 1383 – 1384 would be test by Educating and Training . 1000 childres , filled by the help of the manager of school and student's parents .

After gathering datas , It Analysed by use of statistically software spss .

**Results :** In the study whom we made it between age groups .

There are Significant relation between who are never fed Breast feeding and who are fed Breast feeding within first 3 monthes year (pvalue = 0.03). This relation wasn't between another groups , and there are Significant relation between parent's education rate , Jobs , and lack of use of smoking by parents and use of Ferritin (Fe) and vitamin A+D.

**CONCLUSION:**There are direct Significant relation between IQ and Breast feeding only children less 3 monthes but this relation was whole

age groups of children in other countries . We reached in this study that there are Significant relation between parent's education rate and jobs and use of Fe an vitamin A+D . There are the relation in other countries .

KEY WORDS : IQ (intelligence quotient), Breast feeding , Formula , Ardebil.