

Motor Development Index as a Parameter of success development of Preschool-aged children On motor.

by Dr. Pangung Sutapa. M.S.

ABSTRACT

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This study aimed to make the parameters of the successful development of motor skills of preschool children is often called the Motor Development Index (MDI), which was developed based on the concept of the Human Development Index (HDI) and the Sport Development Index (SDI). The HDI is a measure of success in human development in a country that is based on three key dimensions (1) Longevity (2) knowledge and (3) a decent standard of living, while sport development index (SDI) itself is a combination of four basic dimensions as a reflection of the success of sports development Indonesia is (1) participation (2) open space (3) fitness and (4) human resources. Motor Development Index (MDI) is a composite index of five basic dimensions, in this case as a new concept because no focus specifically on the issue. The composite index includes (1) The net enrollment for children (2) The availability of public services (3) gross and fine motor skills (4) Availability of coaches / instructors, and (5) Sources of financing.

This study was an observational study and based on the data analysis is a blend of quantitative and qualitative research targets mapped in the scheme of the District, District, Kalurahan, school kindergarten and hamlets, pengambilam engineering sample by random cluster sampling. Research instruments. 1. The participation rate is measured by the ratio between the number of preschool children with the number of participants of the activities involved in physical activity. 2. The public service is measured by perbandingan between the area where children play both out door and in door with the number of preschoolers, 3. gross motor skills: a) sprint twenty-five meters, b) long jump without prefix, c) Throw ball with one hand, fine motor skills: a) Develop a coca cola bottle into a model home five, four, three, two, and one, b) Walk over the footbridge two meters beam back and forth, and d) Reflects the ball on field goals. 4 Power Pembina / coach is measured by the ratio between the number of people who used to help train / foster children in physical activity with a population of preschoolers. 5 Sources of cost is measured based on the ratio between the number of parents who incurred costs to be allocated in a variety of physical activity their children in the area. The analysis technique used in this research by combining the indices of each dimension by using a scale calculation of the amount of three elements: the actual value, maximum value and minimum value.

The actual value - minimum value

Dimension Index = -----

The maximum value - the minimum value.

After the indexes dimensions of each component is then encapsulated in the calculation: $MDI = 1/5$ (participation index) + $1/5$ (public service space index) + $1/5$ (gross and fine motor index) + $1/5$ (power index Patrons) + $1/5$ (cost source index).

The results showed that the index of motor development motor development of preschool children in the district of Bantul terkategori Kaihan still very low, this is indicated by the size of the combined index (MDI) only amounted to

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