

# # C84763 : MAJOR PHYSICAL EDUCATION

KEY WORD: NEEDS FOR EXERCISE / SPORT PLAYING / WHEELCHAIR

SATHAPORN KERDSAWANGNETR : NEEDS FOR EXERCISE AND SPORT PLAYING OF  
WHEELCHAIR HANDICAPS : THESIS ADVISOR : ASSO. PROF. PRAPAT LAXANAPHISUTH.  
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The purposes of this research were to study and to compare needs for exercise and sport playing of wheelchair handicaps. Population were 159 wheelchair handicaps, 98 males and 61 females, from The Public Welfare Department and Srisungwan school. One hundred and sixty-eight questionnaires were sent and 94.64 percent were returned. The obtained data was analyzed in terms of percentages, means, standard deviations, and t-test. F-test, and Scheffe' test for all possible comparison were also employed.

The major results were as follows :

1. The highest level needs for exercise and sport playing of wheelchair handicaps were facilities for the disables such as handrails, ramps, and locker-shower rooms. The arrangement for exercise and sport playing activities were activities which consumed less time but were useful for health and physical fitness. Calisthenics were the highest level of needs for exercise and sport playing of wheelchair handicaps.
2. The needs for exercise and sport playing between male and female wheelchair handicaps were significantly different at the .05 level in areas of needs for places and equipments.
3. There was exercise and sport propose programs for the wheelchair handicaps.

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