



Assessment of Facilities and Infrastructure for Physical Education at SMP Negeri 5 Sigi

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Abstract
<p>Efficiency learning eye lesson education physical , sports , and health very helped with availability means And infrastructure education physical . However , the situation on the ground show that Lots schools , especially those in rural areas , are still face constraint in provide facility the purpose . from study This is For know condition means And infrastructure education physical education at SMP Negeri 5 Sigi.</p> <p>Objectives. Goal study This is For know availability Means And Infrastructure Education Physical Sports and Health at SMP Negeri 5 Sigi.</p> <p>Materials and Methods. Types study This is Survey with method study Descriptive Quantitative , population in study This is SMP Negeri 5 Sigi.</p> <p>Results. Ratio means And infrastructure education physical education at SMP Negeri 5 Sigi varies . For example , the volleyball equipment at SMP Negeri 5 Sigi amount to two ball fruit , while The ideal number of Minister of National Education Regulations is at least six fruit ball with percentage of 33.33% is classified as lack of equipment football at SMP Negeri 5 Sigi there are five balls , meanwhile The ideal number of Minister of National Education Regulations is at least six fruit ball with percentage of 83.33% is classified as very good ; and basketball equipment at SMP Negeri 5 Sigi amount to two fruit ball, Equipment Athletics at SMP Negeri 5 Sigi consists of of 5 pieces , while ideal number of Permendiknas (javelin , discus , shot put , baton) relay , tub jump) with percentage 100% is classified as very good . Equipment gymnastics at SMP Negeri 5 Sigi consists of of 2 pieces , while ideal number of Permendiknas (mattresses , crates jump rope jump , hoop , plastic ball , stick , crossbar single , bracelets) minimum 8 pieces .</p> <p>Conclusion . Meanwhile results evaluation to condition means And infrastructure education physical And sport And health at SMP Negeri 5 Sigi very Good For branch sport athletics And football , but Still not enough For branch sports such as basketball, volleyball , and exercise .</p>
Keywords : Physical education; Facilities; Infrastructure; School assessment

Introduction

Another important component that is inseparable from overall education is physical education. Physical education is of excellent quality as it supports physical fitness, leading to lifelong physical and mental health for the human body, making it a mandatory education offered in schools.

Sports and physical education have been recognized as important components in the



national education system and are part of education as a whole. "Education is a conscious and planned effort to create a learning atmosphere and learning process so that students actively develop their potential to have spiritual religious strength, self-control, personality, intelligence, noble character, and skills needed by themselves, society, nation, and state," reads Law No. 20 of 2003 concerning the National Education System, article 1 paragraph 1. To obtain teaching and learning activities in the educational environment, high-quality physical education offers students the opportunity to develop their potential and a supportive learning environment.

Sports infrastructure and facilities are two mutually reinforcing elements. Infrastructure and facilities are referred to by several terms, such as: Physical education facilities are tools used to initiate and support sports education programs in schools to achieve specific goals.

Sports facilities and infrastructure must be available to support education so that learning takes place efficiently. The availability of sports facilities and infrastructure in schools is a benchmark for how well physical education lessons are implemented. "Sports infrastructure is a place or space including the environment used for sports activities and/or sports organizations," according to Law Number 3 of 2005, Article 1, Points 20 and 21. The equipment used for sports activities is called sports facilities. Equipment used for sporting events is called sports facilities.

The provision of sports facilities and infrastructure in schools is reportedly still limited, based on observations conducted by researchers at SMP Negeri 5 Sigi. As a result, physical education facilities and infrastructure in schools are not optimized due to inadequate facilities and infrastructure. Learning in schools is greatly influenced by the availability of physical education facilities and infrastructure. Therefore, if physical education facilities and infrastructure are sufficient, it will have a positive influence on physical activity. Conversely, if the available facilities and infrastructure are inadequate, it will have a negative impact.

According to Soepartono in Wijaya (2017), facilities can also be defined as anything that is portable and easy to carry anywhere when taking physical education lessons.

In Nurina et al. (2016), Agus S. Suryobroto emphasized that facilities or equipment are anything necessary for physical education learning and can be carried anywhere, even if the practitioner or student chooses to carry them. Examples include bats, sticks, blocks, balls, rackets, clubs, shuttlecocks, and so on. In short, facilities are tools that facilitate the learning process in physical education.

Based on various perspectives regarding these facilities, it can be said that sports



require the provision of teaching tools for physical education, sports, and health; therefore, facilities are all equipment that can be used as resources and instruments to assist the process of achieving learning objectives. Physical education facilities are very important for students to practice on the field for sports activities because they can promote the learning process that efficiently supports the smooth running of education in physical education lessons.

According to Arman (2014), Agus S. Suryobroto, sports facilities and infrastructure are very important for learning because learning requires the use of facilities and infrastructure that are appropriate to needs.

Meanwhile, to welcome the future of Indonesian sports, it is necessary to prepare a "place" that includes all groups so that everyone can have an equal opportunity to exercise and achieve fitness and health in accordance with the concept of "sports for all." Harsuki stated in Wijaya (2017) that sports infrastructure is a "place" for carrying out sports activities.

According to the aforementioned perspective, sports infrastructure consists of larger, stationary equipment. Sports infrastructure is one of the tools that supports the learning process of physical education, sports, and health. Sports infrastructure can also facilitate the implementation of sports activities on the field.

Materials and Methods
Study Participants.

This study used a descriptive quantitative survey, documenting the condition of an object or subject in the field through observation. This method of collecting information is called survey research, and the instrument used to collect data is a notebook or observation sheet.

Sugiyono (2014) emphasized that the quantitative approach can be understood as a positive research technique applied to a particular population or sample.

The purpose of survey research, according to Sugiyono (2014), is to reveal the relative occurrences, distribution, and interactions between sociological and psychological factors by studying samples drawn from large or small populations. Quantitative research is survey research. In survey research, researchers interview a number of people (referred to as respondents) about ideas, beliefs, past or present behavior, and the qualities of an object.

Study organization.



Population, according to Sugiyono (2015), is a category for generalization consisting of objects or people with certain numbers and attributes selected by researchers to be analyzed before conclusions are drawn. SMP Negeri 5 Sigi is the source of data for this research, and will provide information regarding the number and condition of facilities and infrastructure used to deliver physical education lessons.

Table 1. Total Subject / Object Population

No	Name School	Address	Amount Teacher Physical Education
1	JUNIOR HIGH SCHOOL Country 5 Sigi	Village Binangga, Marawola District	1

Source : JUNIOR HIGH SCHOOL Country 5 Sigi

The data collection techniques used in this research are as follows:

1. Observation
In frame gather information For Survey Means And Infrastructure Education Physical , Sports , and Health at SMPN 5 Sigi , researcher moreover formerly use approach field observations or location studied .
2. Literature
Searching for information from books, journals, theses, and other sources that can help researchers in completing their final assignments and be used as research theories is done using library techniques.
3. Documentation
One of type proof for research is documentation, which can in the form of notes field or Photo .

The researcher used a survey approach in this study, recording the survey results using an observation sheet as a data collection tool. Based on the Minister of National Education Regulation Number 24 of 2007 concerning standards for educational facilities and infrastructure, this research tool uses the minimum requirements for the availability of physical education, sports, and health facilities and infrastructure at the junior high school level:

Table . 2 Types , Ratio , And Description Means Place Playing / Exercising

No	Type	Ratio	Description
1	Equipment ball volleyball	1 set/school	Minimum 6 ball
2	Equipment football	1 set/school	Minimum 6 ball
3	Equipment ball basketball	1 set/school	Minimum 6 ball
4	Equipment exercise	1 set/school	Minimum mattress, chest jump, plastic balls , sticks, single bars , bracelets.
5	Equipment athletics	1 set/school	Minimum javelin, discus, shot put, jump.

Source : Minister of National Education Regulation Number 24 Year 2007

Statistical analysis.

To determine the completeness of physical education, sports and health facilities and infrastructure at SMPN 5 Sigi, the data analysis method used in this study is descriptive analysis which is then interpreted.

1.
- Based on curriculum offered by the school concerned , count it percentage means And infrastructure education physical For every branch exercise . Then , use calculation Arikunto in Arman (2014) for multiply amount optimal facilities with 100%.

Persentase =

Jumlah fasilitas yang tersedia

Jumlah fasilitas yang ideal

x100%



2. Interesting conclusion with use evaluation from Arikunto in Arman (2014) as following :

Table 3 Standards Percentage Evaluation Means And Infrastructure Sport

No	Amount	Percentage	Category
1	81 - 100	100 %	Good Very
2	61 - 80	80 %	Good
3	41 - 60	60 %	Currently
4	21 - 40	40 %	Not enough
5	0 - 20	20 %	Not enough Very

Source : Arikunto in Arman (2014)

Results

Information about existence And condition means And infrastructure education physical can categorized based on its type after collected And identified . Information about means And infrastructure categorized based on type , as shown by bullet points following :

- 1. Amount Percentage Means or Equipment Education Physical Sports and Health at SMP Negeri 5 Sigi

State Junior High School 5 Sigi own facility And equipment education diverse physical abilities . For example , the volleyball equipment available There is two ball fruit , while The ideal number of Minister of National Education Regulations is at least six fruit ball with percentage of 33.33% is classified as lack of equipment available football there are five balls , and The ideal number of Minister of National Education Regulations is at least six fruit ball with percentage of 83.33% is classified as very good , Equipment gymnastics at SMP Negeri 5 Sigi consists of from two basketball fruit , while ideal amount according to Minister of National Education (mattress , chest jump) minimum eight fruit . Equipment Athletics at SMP Negeri 5 Sigi consists of of five basketballs , while ideal number of Permendiknas (javelin , discus , shot put , baton) relay , tub jump) minimum six fruit , with percentage of 33.33% is classified as not enough .

Table 4 Results percentage means And infrastructure Education physical And Health of

No	Type	Number of facilities available	Ideal number of facilities	Percentage results	Category
1	Equipment ball volleyball	2	6	33.33%	Not enough
2	Equipment football	5	6	83.33%	Very well
3	Equipment ball basketball	2	6	33.33%	Not enough
4	Equipment exercise	2	8	25%	Not enough
5	Equipment athletics	5	5	100%	Very well

SMP Negeri 5 Sigi.

2. Place Playing / Exercising Education Physical Sport And Health at SMP Negeri 5 Sigi

Room This functioning as place For ceremony And education physical extracurricular besides as place play And exercise . Ratio minimum area 3m2/ student required For place play or exercise , and 1000m2 is required for educational units with amount student around 334 people. There is a sports area open 30 x 20 meters in this area . The trees reforestation part placed in the room open that can used For recreation or exercising . Meanwhile room play or exercising at SMP Negeri 5 Sigi own ratio minimum area of 3m2 per student , with using an area of 441m2 and 147 students multiplied with minimum of 3m2 per student . Then , there is an open area with trees greening where You can play or exercising at SMP Negeri 5 Sigi. Field volleyball , field takraw , bak jump far away , and field tennis table is a number of facility sports owned by SMP Negeri 5 Sigi.

Discussion

Objective from study This is For know Is SMP Negeri 5 Sigi own means And infrastructure education physical , sports , and health , as well as amount And the situation . Based on results description of the data obtained from results study survey to means And infrastructure education physical , sports , and health at SMP Negeri 5 Sigi which includes eye the lessons listed on table 2, namely basketball, volleyball , soccer , gymnastics equipment And athletics . No all facility And equipment education physical education at SMP Negeri 5 Sigi owned by school ; some big damaged or No worthy use . According to reports ,



facilities Sports at State Middle School 5 Sigi Still very simple compared to with all facility And equipment education physical . Equipment used for gymnastics and basketball still in very condition bad .

On the side other , SMP Negeri 5 Sigi No own all type infrastructure education physical , with part big infrastructure education physical in condition No works . However , only There is three type infrastructure education physical that is not owned by school namely , football , basketball, and badminton .

According to findings researchers , schools the own a number of shortcomings . One of them is lack of means And complete infrastructure or adequate , which makes it difficult teachers to give the best teaching Because No There is facility sports at school ..

Support from head school and education teachers physical in do survey to means And infrastructure sports at SMP Negeri 5 Sigi is factor affecting success researchers in study this . Knowing how much Lots means And infrastructure education existing physical , as well as how much Lots condition means And infrastructure the can increase quality learning education physical with use means And infrastructure that has been there is , is profit from study This .

Conclusions

A. Conclusion

Can withdrawn conclusion that means And infrastructure education physical , sports , and health at SMP Negeri 5 Sigi not enough adequate based on analysis of data that has been done from the results data survey . In special , basketball equipment included in category not enough adequate with percentage of 33.33%, in addition, 25% of gymnastics equipment is in the poor category, while 33.33% of volleyball equipment is in the poor category, 83.33% of soccer equipment is in the very good category, and 100% of athletic equipment is in the very good category. Facilities at SMP Negeri 5 Sigi include a 441m2 playground, sports field, volleyball court, takraw court, and table tennis court.

B. Suggestion



This research can provide recommendations regarding infrastructure and facilities for physical education, sports, and health based on analysis of findings, discussions, and conclusions:

1. To address the issue of adequate physical education facilities and infrastructure for school learning, schools and relevant parties or agencies can determine next steps based on the number and condition of physical education facilities and infrastructure. This will ensure that physical education learning activities are carried out effectively and according to plan.
2. In order to obtain information about the limitations of physical education facilities and infrastructure in schools, and to determine innovative steps, variations, or modifications in learning to achieve a certain level of success, physical education teachers can use this research as a reference when planning and determining learning preparation steps.
3. This study can serve as a discussion point and standard for future research using broader research tools and populations for researchers who wish to conduct comparable studies.

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References

Arman, A. Survey means infrastructure sport with effectiveness learning Junior High School Physical Education and Health Subdistrict South Dampal , Toli-Toli Regency . Tadulako journal sport sciences and physical education, 2 (8)

Junaedi , A. (2016) Survey of Progress Level Education Physical , Sports , and Health in State Senior High Schools, Vocational High Schools, and Islamic Senior High Schools throughout Gresik Regency . Journal Education Sport and Health, 3 (3)

Guide Eka Prasetya , Rangga (2019). Survey Means And Infrastructure Education Physical Sport And Health in State Senior High Schools throughout the Regency Trenggalek . Journal Education Sport and Health, 7 (2).

Minister of National Education Regulation Number 24 of 2007 concerning Standard Means And Infrastructure For School Elementary / Islamic Elementary School (SD/MI),



School Intermediate First / Madrasah Junior High School (SMP/MTs), and School Intermediate Senior High School (SMA/MA)

Sabar, MS (2019). Survey Means And Infrastructure Sport to Effectiveness Learning Physical Education at SMA Negeri 1 Pangkep (Doctoral Dissertation , University of Country Makassar)

Widodo. A, & Nurina . (2016). Identification Condition Means And Infrastructure Physical Education and Health in Public Middle Schools throughout Sukabumi City 2016. Utile: Journal Education , 2(1), 1-10

Wijaya, F. (2017). Availability Means And Infrastructure Learning Education Physical Education , Sports and Health in State High Schools Regency Sumenep . Journal Education Sport and Health, 5 (2).

Figure 1. MJPES cover

