

Match Analysis of Ethiopian Basketball Premier League for the Year 2020/21G.C


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The sport of basketball is defined as "A game played between two teams of five players in which goals are scored by throwing a ball through a netted hoop fixed at each end of the court (Oxford Dictionaries, 2017). In the country Ethiopia different sport competitions were held every year. The Ethiopian basketball league is one of the competitions held in the country. Basketball game is one of the competitions held in the country with the support of great fun because the game is very interesting and its objective is to shot a ball in the basket with a 24 second shooting attempt interval, in basketball, the shot clock is a timer designed to increase the game's pace and scoring (databaseBasketball.com entry Archived 2006). But the shooting results of all team are too much small not only the University sport competition but also the basketball clubs of the country. The average score of the Ethiopian basketball club is no more than 60 points per game with in the total time of 40 minutes but they have a minimum chance of 50 attempts in average for a team with in the total time of the game. And it can be increased by the rebounding opportunity of the team. The investigation of this research finding will show the analysis of different variables of basketball competitions like passing accuracy, shooting attempt and shooting accuracy, ball interceptions and rebounding. The population of the study was all basketball clubs which were participate in Ethiopian basketball league competitions which were held at Bahirdar from this population the researcher decided purposively to have a sample size of all 5 male basketball clubs match. The researchers used purposively to have a sample of 5 male basketball teams of 4 matches these are a match between Diredawa kenema basketball club Vs Wolkitie town basketball club, Hawasa town basketball club Vs Yeka Subcity basketball club, Hawasa town basketball club and Wolkitie town basketball club and Gondar town basketball club and Diredawa kenema basketball club to analyse the shooting status, passing status rebounding status and the ball interception status of the clubs per match. Based on the match held at Bahirdar town, clubs shooting accuracy in the first match Diredawa basketball club 0.36%, Wolkitie basketball club 0.32%, Hawassa basketball club 0.37%, Yeka subcity basketball club 0.30%, and Gonder basketball club 0.33% was recorded and in the second match Hawassa basketball club 0.35%, Wolkitie basketball club 0.34%, Diredawa basketball club 0.41% was recorded. As shown the percentage of shooting accuracy of all clubs the status is low compared with the minimum attempt of shooting per game. In general Diredaw basketball club scored high shooting accuracy status competed with Wolkitie basketball club. Hawassa basketball club scored high shooting accuracy status competed with Yekasubcity basketball club. Hawassa basketball club scored high shooting accuracy status competed with Wolkitie basketball club and Diredawa basketball club scored high shooting status competed with Gondar basketball club.

Keywords: Basketball, Analysis, Club ,Accuracy and Shooting

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Introduction

The sport of basketball is defined as "A game played between two teams of five players in which goals are scored by throwing a ball through a netted hoop fixed at each end of the court (Oxford Dictionaries, 2017). Basketball is one of the most popular sports worldwide. It is played all over the globe, each league having its own specific set of rules and regulations. A team scores points by shooting the ball through the basket (the aforementioned netted hoop), winning a game by outscoring their opponent. If the score is tied after the expiration of regular time, the game is extended (overtime) until there is a winner. During play, a successful shot attempt counts for two or three points, the latter if the attempt was made from behind the three-point line. After certain fouls, the fouled team is awarded one or more free throws which are worth one point each. In the country Ethiopia different sport competitions were held every year. The Ethiopian basketball league is one of the competitions held in the country. Basketball game is one of the competitions held in the country with the support of great fun because the game is very interesting and its objective is to shot a ball in the basket with a 24 second shooting attempt interval, in basketball, the shot clock is a timer designed to increase the game's pace and scoring Archived 2006). But the shooting results of all team are too much small not only the University sport competition but also the basketball clubs of the country. The average score of the Ethiopian basketball club is no more than 60 points per game with in the total time of 40 minutes but they have a minimum chance of 50 attempts in average for a team with in the total time of the game. And it can be increased by the rebounding opportunity of the team. The investigation of this research finding will show the analysis of different variables of basketball competitions like passing accuracy, shooting attempt and shooting accuracy, ball interceptions and rebounding; according to the finding the researcher will give recommendations for basketball federations of Ethiopia, for players and coaches and for club owners to work to change the weakness of the performance of basketball players through changing the clubs philosophy, coaches philosophy, styles of coaching and players motivations.

Objective

The general objective of this research is to analyse the different variables of Ethiopian basketball premier league competitions.

SPECIFIC OBJECTIVES

- To identify the passing accuracy of the teams per competitions
- To find out the number of accurate shooting of all teams per competitions
- To show the number of rebound made by each teams per competitions
- To identify the teams with high level of shooting accuracy per competitions

Research Questions

01. How many accurate passes are counted in a team per competition
02. How many shots are accurate in a team per competition
03. How many rebounds are done by each team per competitions?
04. Which team has high accuracy levels of shooting per competitions

Methodology

The research design of this study was descriptive survey. The researcher utilized video, game observation and basketball score sheet to collect data. Based on the collected data the researcher analysed quantitatively to show the finding of the research.

RESEARCH SITE

The Ethiopian basketball federation has organized the premier league competition of basketball for the year 2020/21G.C in three different countries, Diredawa, Bahirdar and Addis Ababa. Due to budget and resource constraints the researcher has selected a competition which was held at Bahirdar in Bahirdar University Basketball court.

STUDY POPULATION

The population of this study was all 5 male basketball clubs which was participated in 2020/21G.C Ethiopian basketball premier league competitions which was held at Bahirdar. Those

Teams were Gondar city, Hawasa City, Wolkitie City, Diredawa city, yeka subcity male Basketball clubs.

SAMPLE SIZE AND SAMPLING TECHNIQUE

The population of the study was all basketball clubs which were participate in Ethiopian basketball league competitions which were held at Bahirdar from this population the researcher decided purposively to have a sample size of all 5 male basketball clubs match. The researchers used purposively to have a sample of 5 male basketball teams of 4 matches these are a match between Diredawa kenema basketball club Vs Wolkitie town basketball club, Hawasa town basketball club Vs Yeka Subcity basketball club, Hawasa town basketball club and Wolkitie town basketball club and Gondar town basketball club and Diredawa kenema basketball club to analyze the shooting status, passing status rebounding status and the ball interception status of the clubs per match.

SOURCE OF DATA

The researcher used primary data from video and basketball score sheet for the research finding and the general research work

DATA COLLECTION INSTRUMENT

Data was collected by the data collectors through video recording materials. And recorded in a format developed by the researcher and the results of all the sample matches were collected from the score sheet.

VALIDITY AND RELIABILITY

In order to make the data valid and reliable the researcher used video to record all the sample match of all clubs to collect data properly. As much as possible two video men were assigned for one competition and the shooting status the passing status the rebounding status and the ball interception status were counted and registered on paper format. The two videos were used for cross check the result and if there is a difference the better result were taken for the research.

STATISTICAL ANALYSIS PLAN

The researcher used descriptive statistics to show the average scores of the team per their attempt and percentage for showing their difference. And the researcher used inferential statistics to show the

Correlation of different variables in the competitions and to show the result with graphs to generalize the population.

ETHICAL CONSIDERATION

For confidentiality the researcher communicated with coaches and for the purpose of the research work and orally agreed with all coaches to take every data that were used for the work. This agreement helped the researcher to collect data properly and made the players and coaches not to fill discomfort. The oral consent was indicating the purposes of the research and the collected data has not used for any other purpose beside to the research work. And the agreement was assured the coach and players the collected data has put confidential.

Result and Interpretation

According to the results of the analysis the passing accuracy of the teams per competitions were not completed but Hawassa basketball club and wolkitie basketball club passing status was shown that both teams have high number of passing accurate pass of 240 and 283 and inaccurate pass of 7 and 5 respectively in the total time. This shows that all teams/clubs in Ethiopia passed their time by passing the ball rather than going to the shot attempt with less than 24 seconds. This is the main factors for less number of scores recorded in all basketball clubs of Ethiopia.

The other thing in this conclusion was shooting status of Ethiopian basketball clubs. Based on the match held at Bahirdar town, clubs shooting accuracy in the first match Diredawa basketball club 036%, Wolkitie basketball club 0.32%, Hawassa basketball club 0.37%, Yeka subcity basketball club 0.30%, and Gonder basketball club 0.33% was recorded and in the second match Hawassa basketball club 0.35%, Wolkitie basketball club 0.34%, Diredawa basketball club 0.41% was recorded. As shown the percentage of shooting accuracy of all clubs the status is low compared with the minimum attempt of shooting per game.

The rebounding conclusion of the match offensive and defensive rebounding were not identified but total rebounding was analysed based on this a match held with Diredawa basketball club and Gondar basketball club were 53% and 47% respectively. A match held between Wolkitie

Basketball and Hawassa basketball clubs were 51% and 49% respectively. A match held between Wolkitie basketball club and Diredawa basketball club were 36% and 64% respectively. From the result Diredawa basketball club performed better rebounding compared with Wolkitie Gondar and Hawassa basketball clubs.

Table 1 and 2. Ethiopian Basketball premier league Match held at Bahirdar University between Diredawa town basketball team and Wolkitie town basketball team in 2020/2021G.C.

Data taken from video recorded by private person during match time, a slight error has expected due to record quality

Table 3 and 4. Ethiopian Basketball premier league Match held at Bahirdar University between Hawassa town basketball team and Yeka Subcity basketball team in 2020/2021G.C

Table 5 and 6. Ethiopian Basketball premier league Match held at Bahirdar University between Hawassa town basketball team and Wolkitie town basketball team in 2020/2021G.C

Table 7 and 8. Ethiopian Basketball premier league Match held at Bahirdar University between Gonder town basketball team and Diredawa town basketball team in 2020/2021G.C

Enclosed as Annexure 01

In general Diredaw basketball club scored high shooting accuracy status competed with Wolkitie basketball club. Hawassa basketball club scored high shooting accuracy status competed with Yekasubcity basketball club. Hawassa basketball club scored high shooting accuracy status copeted with Wolkitie basketball club and Diredawa basketball club scored high shooting status competed with Gondar basketball club.

Recomendations

Based on the findings of the match analysis result the following recommendations were forwarded for basketball coaches basketball players and Ethiopian basketball federations

- Players should increase the shooting accuracy training and should identify their areas of accurate shooting and shooting points.
- Coaches should work to change the score of their teams by giving more time for shooting training than passing and dribbling.

- Federations should improve the coaching manuals and should work for the improvements of Ethiopian basketball sport.

Annexure 01

Table. 01: Club= Diredawa town basketball club

Table 1. Club= Diredawa town basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding succesful	Ball intercep tion	Shooting accuracy
	acc urate	ina ccu rate	sco red	misse d	sco red	Miss ed	sco red	miss ed			
1st			1	3	6	9	1	4	4		
2nd			2	2	5	8	3	0	5		
3rd			2	2	0	6	3	5	2		
4rth			4	5	3	10	1	1	5		
Total			9	12	14	33	8	10	16		
%			43%	57%	30%	70%	44%	56%	64%		31/86=0.36

Table. 02: Club= Wolkitie town basketball club

Table 2. Club= Wolkitie town basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding succesful	Ball intercep tion	Shooting accuracy
	acc urate	ina ccu rate	sco red	misse d	sco red	Miss ed	sco red	miss ed			
1st			1	5	2	8	2	2	2		
2nd			0	5	5	5	5	4	1		
3rd			2	5	3	8	1	3	5		
4rth			1	6	5	7	5	9	1		
Total			4	21	15	28	13	18	9		
%			16%	84%	35%	65%	42%	58%	34%		32/99=0.32

Table. 03: Club= Hawassa town basketball club

Table 3. Club= Hawassa town basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding succesful	Ball intercep tion	Shooting accuracy
	acc urate	ina ccu rate	sco red	misse d	sco red	Miss ed	sco red	miss ed			
1st			0	1	5	5	2	2			
2nd			1	5	5	8	0	2			
3rd			1	9	8	9	4	2			
4rth			1	6	7	12	2	0			
Total			3	21	25	34	8	6			
%			12.5 %	87.5%	42%	58%	57%	43%			36/97=0.37

Table. 04: Club= Yeka Subcity basketball club

Table 4. Club= Yeka Subcity basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding succesful	Ball intercep tion	Shooting accuracy
	acc urate	ina ccu rate	sco red	misse d	sco red	Miss ed	sco red	miss ed			
1st			1	7	2	6	2	0			
2nd			0	6	7	6	2	1			
3rd			0	4	2	6	1	1			
4rth			0	4	2	8	6	9			
Total			1	21	13	26	11	11			
%			4%	96%	33%	67%	50%	50%			25/83=0.30

Table. 05: Club= Hawassa town basketball club

Table 5. Club= Hawassa town basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding successful	Ball intercep tion	Shooting accuracy
	accu rate	inac curate	sco red	misse d	scor ed	Miss ed	scor ed	miss ed			
1st	53	3	2	4	5	10	1	2	5	5	
2nd	60	2	0	0	5	11	2	7	13	2	
3rd	61	0	2	0	8	7	0	0	8	2	
4rth	66	2	0	2	4	12	1	1	12	2	
Total	240	7	4	6	22	40	4	10	38	11	
%	60	1.75	40 %	60%	35%	65%	29%	71%	49%	22	30/86=0.35

Table. 06: Club= Wolkitie town basketball club

Table 6. Club= Wolkitie town basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding successful	Ball intercep tion	Shooting accuracy
	accu rate	inac curate	sco red	misse d	scor ed	Miss ed	scor ed	miss ed			
1st	73	2	1	2	7	7	3	0	13	5	
2nd	69	2	2	3	2	8	2	0	5	3	
3rd	74	0	1	1	3	9	0	0	9	1	
4rth	67	1	0	2	2	13	3	6	12	1	
Total	283	5	4	8	14	37	8	6	39	10	
%	70.75	1.25	33 %	67%	28%	72%	57%	43%	51%	20	26/77=0.34

Table. 07: Club= Gondar town basketball club

Table 7. Club= Gondar town basketball club

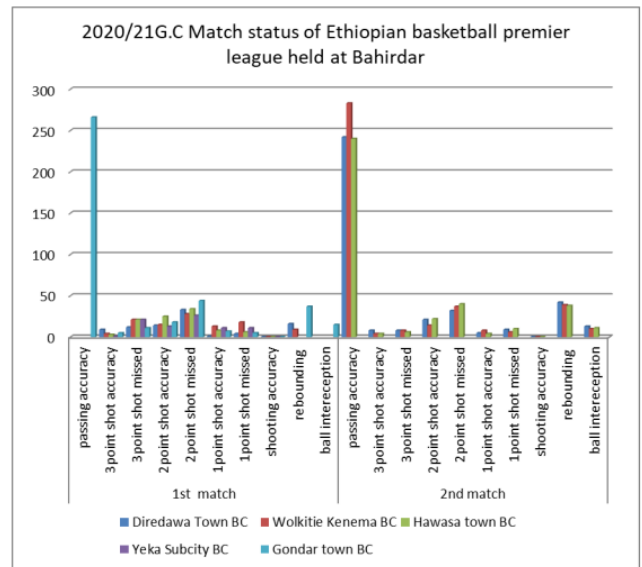
QUARTER	Passing		3 points		2 points		1 point		rebou nding successful	Ball intercep tion	Shooting accuracy
	accu rate	inac curate	sco red	misse d	scor ed	Miss ed	scor ed	miss ed			
1st	92	1	1	2	4	9	1	1	8	4	
2nd	63	1	1	2	6	14	2	2	12	2	
3rd	52	1	1	6	5	9	4	2	8	5	
4rth	59	0	2	1	3	12	0	0	9	4	
Total	266	3	5	11	18	44	7	5	37	15	
%	66.5	0.75	31 %	69%	29%	71%	58%	42%	47%	30	30/90=0.33

Table. 08: Club= Diredawa town basketball club

Table 8. Club= Diredawa town basketball club

QUARTER	Passing		3 points		2 points		1 point		rebou nding successful	Ball intercep tion	Shooting accuracy
	accu rate	inac curate	sco red	misse d	scor ed	Miss ed	scor ed	miss ed			
1st	52	0	0	4	6	4	2	0	9	3	
2nd	61	0	3	1	5	9	1	3	11	1	
3rd	63	2	2	1	7	6	0	2	9	5	
4rth	66	0	3	2	3	13	2	4	13	4	
Total	242	2	8	8	21	32	5	9	42	13	
%	60.5	0.50	50 %	50%	40%	60%	36%	64%	53%	26	32/83=0.41

Fig.01: Match Status of Ethiopian Basketball Premier League



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