



MALE JUNIOR PREMIER CRICKET

Match Formats Review – Under 13s & 14s

**CREATING HISTORY.
INSPIRING CHAMPIONS.**

INTRODUCTION

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During the 2018-19 WA Premier Cricket Season, the WACA Cricket Operations Unit collected and analysed data from the season in order to provide feedback and recommendations on the status of Male Junior Premier Cricket in Western Australia.

This information was collected impartially and through data accessible to the Cricket Operations Unit via the MyCricket database.

The following information details the Cricket Operations Units findings and recommendations for the WADCC (Western Australian District Cricket Council), DJCC (District Junior Cricket Council) and all other relevant stakeholders to consider.

The WACA Cricket Operations Unit collected and analysed data to investigate the impact of the new fielding restriction changes to the playing conditions in the Junior Premier Cricket Competition (Under 13s & Under 14s) for the 2018/19 season.

Match scores (including runs, wickets and overs) were compiled across the home and away rounds of the past 4 seasons (2015/16, 2016/17, 2017/18 & 2018/19) to provide a statistical analysis of the impact of the rule changes in the Under 13s & Under 14s grades. Measurement factors such as runs per innings, runs per over, runs per wicket and wickets per innings were compared across the four seasons.

This information has been summarised in this presentation for further discussion later.

STATISTICAL FINDINGS

Under 13's

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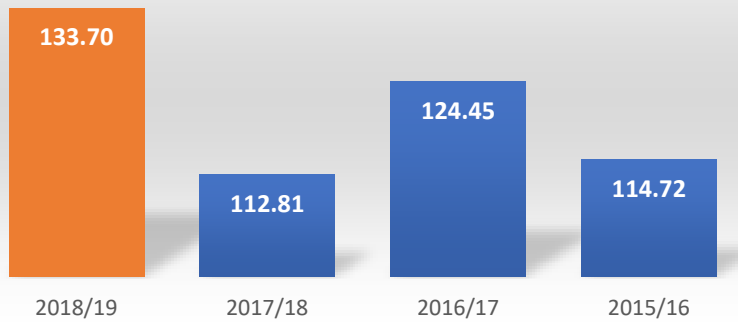


STATISTICAL FINDINGS

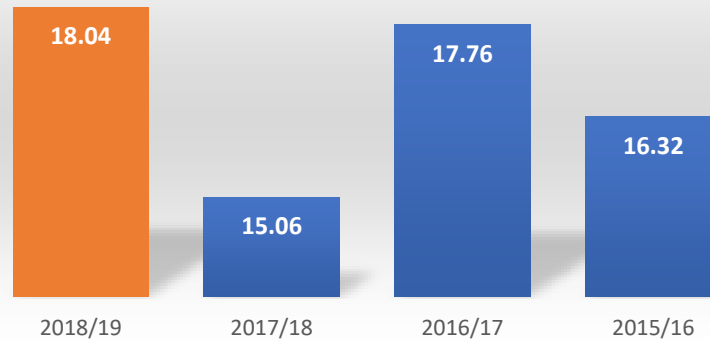
Under 13s – Combined Overall Figures



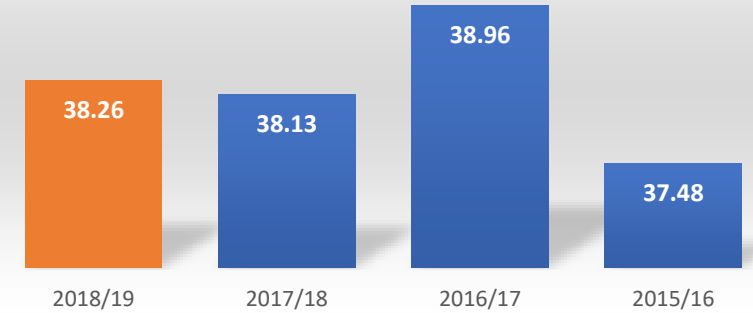
Average Runs Scored Per Innings



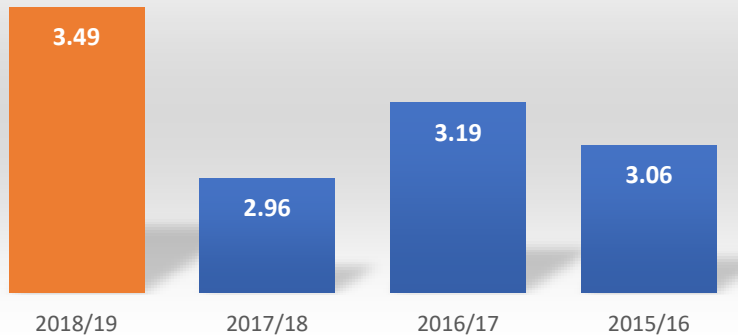
Average Runs Scored Per Wicket



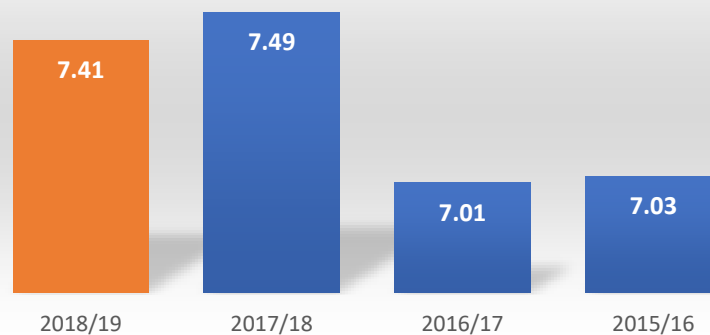
Average Overs Played Per Innings



Average Runs Scored Per Over



Average Wickets Lost Per Innings



- All matches are 40-overs a side single innings matches
- Fractions of overs were rounded to the nearest completed over (down for .1 & .2 and up for .3, .4 & .5).
- Percentage comparisons were conducted through averaging overall season figures (next slide).
- Round 1 of 2015/16 season was drawn due to wet weather

STATISTICAL FINDINGS

Under 13s – Combined Overall Figures



Key Findings:

- Across the four seasons, the overall runs per innings have risen considerably (about 16-17 runs per innings on average) in the 2018/19 season. [*~15% increase*]
- This has in effect caused the run rate per over to increase by about 0.42 runs per over across the total number of overs. [*~14% increase*]
- The overall total runs per wicket are tracking at 1.66 runs higher on average than previous seasons. [*~10% increase*]
- Proactive batting is leading to positive cricket without greatly impacting the loss of wickets as only 0.23 more wickets were lost per innings this season. [*~3% increase*]
- The positive cricket hasn't impacted on the amount of cricket played as the average length of innings has been relatively similar on average as compared to past seasons (0.07 less overs played). [*~0.18% decrease*]

OVERALL	2015/16	2016/17	2017/18	2018/19
Total Innings	105	112	112	112
Total Runs	12046	13938	12635	14974
Total Overs	3935	4364	4270	4285
Total Wickets	738	785	839	830

STATISTICAL FINDINGS

Under 14's

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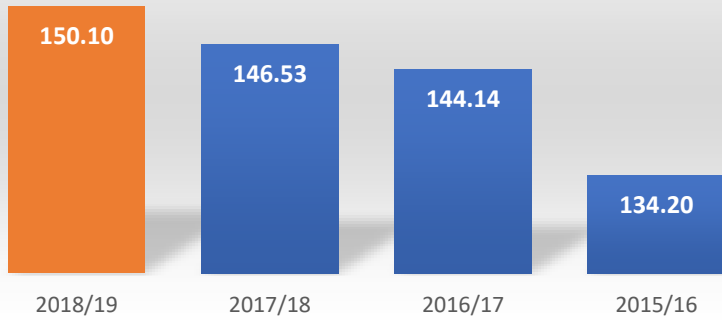


STATISTICAL FINDINGS

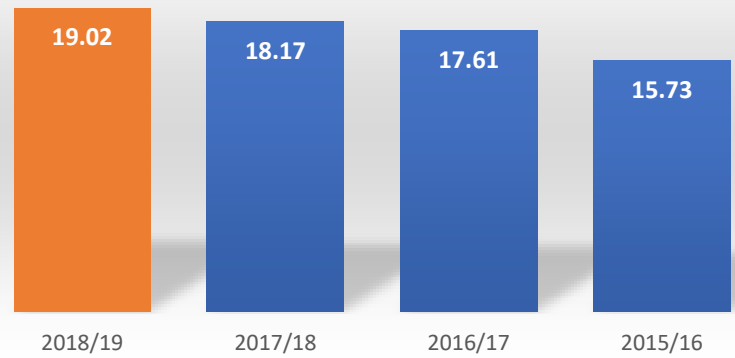
Under 14s – Combined Overall Figures



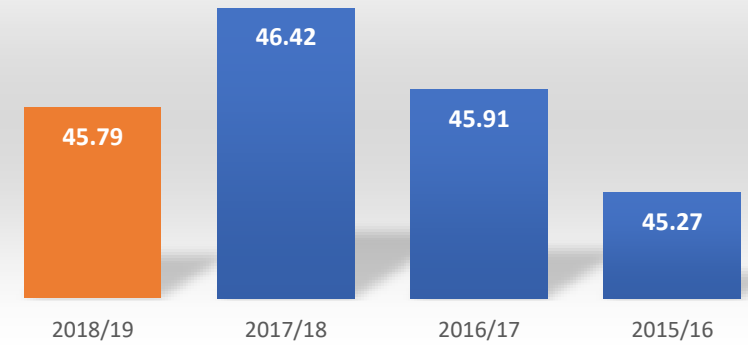
Average Runs Scored Per Innings



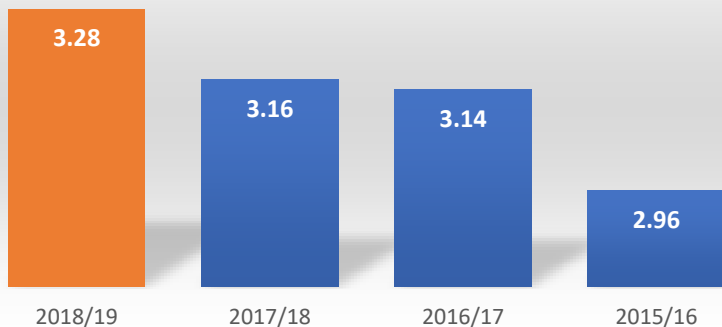
Average Runs Scored Per Wicket



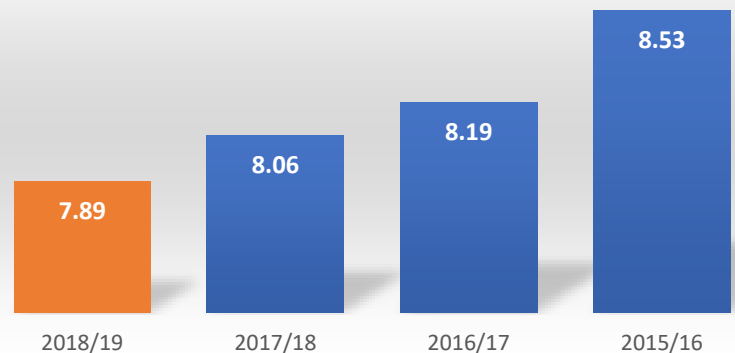
Average Overs Played Per Innings



Average Runs Scored Per Over



Average Wickets Lost Per Innings



- All matches are 50-overs a side single innings matches
- Fractions of overs were rounded to the nearest completed over (down for .1 & .2 and up for .3, .4 & .5).
- Percentage comparisons were conducted through averaging overall season figures (next slide).
- Round 1 of 2015/16 season was drawn due to wet weather

STATISTICAL FINDINGS

Under 14s – Combined Overall Figures



Key Findings:

- Across the four seasons, the overall runs per innings have risen slightly (about 8-9 runs per innings on average) in the 2018/19 season. [*~6% increase*]
- This has in effect caused the run rate per over to slightly increase by about 0.19 runs per over across the total number of overs. [*~6% increase*]
- The overall total runs per wicket are tracking at 1.85 runs higher on average than previous seasons. [*~11% increase*]
- Players are batting for longer without losing their wickets as 0.37 less wickets were lost per innings this season. [*~4.5% decrease*]
- The amount of cricket played hasn't changed significantly as the average length of innings has been relatively similar as compared to past seasons (0.08 less overs played). [*~0.17% decrease*]

OVERALL	2015/16	2016/17	2017/18	2018/19
Total Innings	105	112	112	112
Total Runs	14091	16144	16411	16811
Total Overs	4753	5142	5199	5129
Total Wickets	896	917	903	884

CONCLUSION

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CONCLUSION



Our findings have shown a positive trend in support for the implementation of the new fielding restrictions at the Under 13s and 14s level. The statistics show an increase in runs scored, and runs per over in the past season, when compared across the average of the previous three years, and that this has been achieved without necessarily decreasing innings length when measured across that prior period average.

There are multiple reasons that could explain the interpretation of the data as it will also require contextual understanding with consideration of out-of-control factors such as talent pool, ground and weather conditions, fixturing balance etc.

The detailed analysis is aimed at suggesting support for modernizing underage cricket to promote a more proactive approach to the game. It is also important to ensure that growth and development factors must be considered for a sustainable and high-quality standard of the Junior Premier Cricket competition at the Under 13s & Under 14s level for building a strong foundation from community cricket to premier cricket.



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