# IRB Under 21 World Championship 2004 

STATISTICAL REVIEW AND MATCH ANALYSIS

## IRB Under21 Rugby World Championship 2004 STATISTICAL REVIEW AND MATCH ANALYSIS

## contents

pages:
1-2 COMMENTARY
3-4 STATISTICAL REVIEW AND MATCH ANALYSIS - Summary
5 TOURNAMENT SCHEDULE AND MATCH RESULTS
6 FINAL STANDINGS
7-9 SCORING PROFILES

- points scored
- tries/penalties/drops
- place kicking success rate

9-13 TRIES

- tries scored by winning team
- source of tries
- origin of tries
- build up to tries
- times of scores

13-19 MODE OF PLAY

- ball in play time
- activity cycles - $2^{\text {nd }}$ phase/passes/kicks

20 LINEOUTS
20 SCRUMS
20 RESTARTS
20-21 PENALTIES

- number and incidence
- offences penalised

21-22 RED AND YELLOW CARDS

- red card details
- yellow card details


# UNDER 21WORLD CHAMPIONSHIP 2004 

## Commentary

Just as in other Rugby World Championships, at whatever level, there are - invariably - a number of high scoring, comprehensive victories which reflect not only differences in ability but differences in the teams' preparation. In the Under 21 World Cup 2004, for example, some of the players of the more experienced teams were full-time professionals, some were part-time professionals while others were totally amateur. With certain unions, better resourced than others both in terms of numbers of participants and available resources, comprehensive and big margin victories are to be expected.

What was of particular interest in this year's Under 21 tournament however was the heavily contrasting approach of the two teams that reached the final - New Zealand and Ireland.

New Zealand was by far the highest passing team in the tournament and its rate of passing also comfortably outstripped all other teams. The data also showed that they made $50 \%$ more passes than Ireland. This was in sharp contrast to kicks - no team made more kicks than Ireland and no team kicked less than New Zealand. This resulted in New Zealand averaging 7.4 tries per game and 1.8 penalty goals, a ratio of 4:1. Ireland, on the other hand, averaged just 3 tries and 3 penalty goals per game, a ratio of 1:1. In addition, Ireland was the only team in the tournament that did not score more tries than penalty goals. A further contrast was noted when looking at the origin of tries. $54 \%$ of New Zealand's tries started from inside their own half compared with $13 \%$ of Ireland's.

There were also some interesting contrasts at the other end of the final standings table. Previous research suggests that the weaker teams in competitions not only score fewer points but have difficulty in obtaining and then retaining possession. They therefore create noticeably fewer rucks and also pass less - an example of this is Tonga who managed to obtain and retain less possession than any other team. Not only did they ruck and pass the least, their rate of rucking and passing was less than any other team. An illustration of this is that of their 207 passing sequences, not a single one contained more than 4 consecutive passes ( New Zealand had 57) with $92 \%$ of such movements containing 2 or fewer passes. When this happens, the result is almost inevitably more kicks. The pressure is such that kicking becomes the only option.

This is what happened to Tonga - their rate of kicking was the highest in the tournament.

A further consequence of this is that when such teams score tries, they result neither from continuously recycled possession nor from possession obtained from far out. Russia, however, although finishing in penultimate position, showed little of these characteristics. They recycled the ball at a rate greater than any other team, with the result that in the build-up to their tries, they produced more rucks, mauls and passes than any other country. This is not usual and it served to illustrate again that some teams in this year's Under21 tournament showed quite different playing characteristics from teams in similar positions in the final standings.

The attached report also shows how this year's competition compared with that played in 2003. The differences were mostly small with one noticeable difference from last year's championship being the increase in ball in play time from $37 \%$ to $41 \%$. This is almost certainly explained by the fact that there were appreciably fewer penalties awarded in this year's tournament.

Last year's competition averaged 32 penalties per game compared with this year's 25 . There were also twice as many yellow cards issued last year than this year - and 3 times as many crooked scrum feeds were called in 2003. There could be several explanations for such differences - varying between the quality and experience of the differing group of referees to the discipline imposed by the teams themselves. Whatever the reason, the result was that the penalties awarded in this year's competition reflected very closely the number awarded at senior international level.

# UNDER21WORLD CHAMPIONSHIP 2004 STATISTICAL REVIEW AND MATCH ANALYSIS summary 

- the average number of points scored per match was 54
- there were $\mathbf{7 . 2}$ tries and $\mathbf{3 . 0}$ penalifies per game
- tries accounted for $\mathbf{6 6 \%}$ of total points scored and were over twice as frequent as penalty goals
- ball in play time was $\mathbf{4 1 \%}$
$37 \%$
- rucks/mauls averaged 134 per game 132 passes averaged $\underline{225} 253$
open play kicks averaged $48 \quad 52$
- $6 \mathbf{6 0 \%}$ of tries were converted: $62 \%$ of penalty kicks were $66 \% \& 63 \%$ succesfiul
- of the 157 tries, $\mathbf{1}$ in $\mathbf{3}$ started from inside the scoring


## 1 in 4

 team's half- $\mathbf{2 9 \%}$ of tries were the direct result of lineout possession
$29 \%$
- 72\% of tries were preceded by 2 or fewer rucks/mauls
- the winning team scored most tries on $\mathbf{7 3 \%}$ of occasions


## $90 \%$

- two thirds of all penalty goals were kicked in the first half while most tries were scored in the second half
- $\mathbf{8 2 \%}$ of all passing movements contained 2 passes or less


## New stat

- retention of the ball at restarts by the kicking team

New stat was 1 in 10

- there were an average of $\underline{\mathbf{3 2}}$ lineouts per game, $\underline{\mathbf{1 1} \%}$

$$
35 \text { 66\% }
$$

were competed with retained possession at $\mathbf{7 8 \%}$ $81 \%$

- there were $\underline{\mathbf{2 2}}$ scrums per game, with $\underline{\mathbf{8 7 \%}}$ retained possession
- $\underline{\mathbf{6}}$ free kicks were awarded for a crooked scrum feed ie 1 every 66 scrums or 1 every 3 games.
- penalties averaged $\underline{\mathbf{2 5}}$ per game 32
- penalties for ground offences at ruck and tackle accounted for $\mathbf{4 0 \%}$ of all penalties $44 \%$
- $\underline{\mathbf{2}}$ red cards and $\underline{\mathbf{3 0}}$ yellow cards were issued 3 and 62


## IRB Under21 World Championship 2004

## Tournament Schedule and Match Results

Day 1: 11 June 2004

## Match

| 1 | Ireland | 43 | Tonga | 5 |
| :--- | :--- | :--- | :--- | :---: |
| 2 | Australia | 25 | France | 24 |
| 3 | Italy | 10 | Argentina | 43 |
| 4 | Scotland | 15 | South Africa | 69 |
| 5 | Wales | 46 | Russia | 11 |
| 6 | New Zealand | 42 | England | 13 |
| Day 2: 15 June 2004 |  |  |  |  |
| Match |  |  |  |  |
| 7 | Scotland | 14 | England | 25 |
| 8 | New Zealand | 110 | Russia | 3 |
| 9 | Ireland | 26 | Argentina | 22 |
| 10 | Wales | 26 | South Africa | 27 |
| 11 | Italy | 26 | France | 27 |
| 12 | Australia | 64 | Tonga | 0 |

Day 3: 19 June 2004
Match

| 13 | Scotland | 29 | Russia | 17 |
| :--- | :--- | :--- | :--- | ---: |
| 14 | New Zealand | 49 | South Africa | 27 |
| 15 | Ireland | 27 | France | 19 |
| 16 | Wales | 14 | England | 23 |
| 17 | Italy | 31 | Tonga | 3 |
| 18 | Australia | 41 | Argentina | 3 |

Day4: 23 June 2004
Match

| 19 | New Zealand | 26 | South Africa | 11 |
| :--- | :--- | :--- | :--- | :--- |
| 20 | Australia | 13 | Ireland | 26 |
| 21 | England | 39 | Argentina | 13 |
| 22 | Wales | 29 | France | 21 |
| 23 | Italy | 33 | Russia | 20 |
| 24 | Scotland | 18 | Tonga | 17 |

Day5: 27 June 2004

| 25 | 1st/2nd play-off | New Zealand | 47 | Ireland | 19 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 26 | $3 r d / 4$ th play-off | South Africa | 44 | Australia | 10 |
| 27 | 5 th $/ 6$ th play-off | England | 26 | Wales | 19 |
| 28 | 7 th $/ 8$ th play-off | Argentina | 42 | France | 33 |
| 29 | 9 th $/ 10^{\text {th }}$ play-off | Italy | 27 | Scotland | 16 |
| 30 | $11^{\text {th }} / 12^{\text {th }}$ play-off | Russia | 44 | Tonga | 39 |

Final Standings
1 New Zealand
2 Ireland
3 South Africa
4 Australia
5 England
6 Wales
7 Argentina
8 France
9 Italy
10 Scotland
11 Russia
12 Tonga

## UNDER21 RUGBY WORLD CHAMPIONSHIP 2004

## STATISTICAL REVIEW AND MATCH ANALYSIS

## 1 SCORING PROFILES

i Points scored
There were 1,631 points scored in the 30 matches played in the IRB Under21 World Championship 2004. They were made up as follows:

| 216 tries | 1080 |
| :---: | ---: |
| 130 conversions | 260 |
| 91 penalty goals | 273 |
| 6 drop goals | $\underline{18}$ |
|  | $\underline{1,631}$ pts |

The average number of points per game was 54
Scoring Profile for U21 RWC 2004

ii Tries, penalty goals and drop goals
The average number of tries, penalty goals and drop goals per game was

Tries
7.2

Penalty goals
Drop goals
3.0
0.2

| Most tries in a game | 16 | (NZ v Russia) |
| :--- | ---: | :--- |
| Least tries in a game | 4 | (8 matches) |
| Most penalty goals in a game | 8 | (Wales v France) |
| Least penalty goals in a game | 0 | (6 matches) |

Of all the tries scored, the following table shows the average number scored by each team:

| New Zealand | 7.4 |
| :--- | :--- |
| South Africa | 5.2 |
| Australia | 4.2 |
| Wales | 3.4 |
| France | 3.4 |
| England | 3.2 |
| Argentina | 3.0 |
| Italy | 3.0 |
| Ireland | 3.0 |
| Russia | 2.8 |
| Scotland | 2.6 |
| Tonga | 1.6 |

The table shows that New Zealand averaged over $40 \%$ more tries than the second placed team. A large percentage of this is accounted for by the 16 tries scored in their defeat of Russia. Even if this match is excluded however, New Zealand still came second in the try scoring table.

Penalty goals on the other hand showed a somewhat different country profile. Ireland, for example, scored as many penalty goals as tries. No other team came close to this 50:50 split. All other teams scored many more tries than penalty goals, with New Zealand, the other finalist, showing a ratio of 4 tries to one penalty goal. South Africa's ratio was even greater - 9 tries to each penalty goal.

The average number kicked per game per country is shown below:
Ireland ..... 3.0
England ..... 2.0
Italy ..... 2.0
New Zealand ..... 1.8
Wales ..... 1.8
Australia ..... 1.6
Scotland ..... 1.4
France ..... 1.4
Argentina ..... 1.0
Russia ..... 0.8
Tonga ..... 0.8
South Africa ..... 0.6

Not surprisingly, the last 3 teams - Scotland, Russia and Tonga averaged the fewest number of tries. Russia and Tonga also averaged 2 of the 3 fewest number of penalty goals.

## iii Place kicking success rates

The success rate of kicks at goal were as follows:

## Conversions success rate: $60 \%$

Penalties success rate: 62\%
There were 146 penalty kicks at goal of which 91 were successful. There was an average of 5 penalty kicks at goal per game.

## 2 TRIES

i Tries scored by the winning team
All 30 matches produced a winning team:
the winning team scored the most tries on 22
occasions or in $73 \%$ of all matches
both teams scored the same number of tries in 4 matches
the winning team scored fewer tries but won through penalty goals on 2 occasions

## ii Source of tries

There were 216 tries scored in the IRB Under21 World
Championship 2004.
The teams scoring the tries obtained possession of the ball prior to the scoring of the try from a variety of sources. This is shown in the following chart and table.

Source Of Tries


Possession gained:
Lineout Own 29
Scrum Own 20
Penalty 14
Opponents' Kick 12
Opponents' Handling Error 9
Turnover 6
Lineout Opposition 3
Restart Own 2
Restart Opposition 4
Scrum Opposition 1
100\%

There were 9 tries scored from opposition restarts. New Zealand scored five of them.

## iii Origin of tries

Tries originate from various parts of the pitch. The following chart shows where the attacking team obtained the possession from which they eventually scored.


This shows that:
$36 \%$ originated within the 22 metre line
$\mathbf{2 0 \%}$ between the 22 and 10 metre line
$\mathbf{1 2 \%}$ between the 10 metre and halfway line, and
$\mathbf{3 2 \%}$ started within the scoring team's own half
The following chart shows where each individual try started i.e the point on the pitch where possession was obtained for the last time:


The pattern, however, varied between teams. Fifty per cent plus of all New Zealand and South Africa tries, for example, started from within their own half. In Italy's case, however, it was just one out of 15 . Unlike the Under 19 World Cup, it was not the weaker teams in the group that tended to score most if not all their tries from close to their opponents' goalline. In the Under21 World Cup, and recognising the extremes inherent in applying percentages to small numbers, there were no characteristics consistent with the teams' relative strengths and weaknesses eg New Zealand scored $54 \%$ of tries from inside their own half, while Ireland, the tournament runner-up scored just $13 \%$. At the other end of the table, Italy scored $67 \%$ of their tries from within the opponents' 22 metre line: the figure for Tonga was $8 \%$.

## iv Build-up to tries

Possession of the ball that leads to tries is obtained from a number of sources - and they are listed above. More often than not, other actions -second phase,kicks,passes -then take place before the try is scored.

The first table below shows the number of rucks and mauls ( $\mathbf{2 n d}^{\text {nd }}$ phase) that preceded each of the 216 tries scored in the 30 matches

| No of 2nd phases | frequency | $\frac{\%}{31}$ | $\underline{c u m}$ |
| :---: | :---: | :---: | :---: |
| None | 66 | $31 \%$ | 31 |
| 1 | 57 | 27 | 68 |
| 2 | 32 | 15 | $\underline{72 \%}$ |
| 3 | 25 | 12 | $\underline{84 \%}$ |
| 4 | 16 | 7 |  |
| 5 | 7 | 3 |  |
| 6 | 2 | 1 |  |
| 7 | 3 | 1 |  |
| 8 | 3 | 1 |  |
| $10+$ | 5 | $\underline{2}$ |  |
|  | $\underline{216}$ | $\underline{100 \%}$ |  |

## The table shows that $\mathbf{7 2 \%}$ of tries were preceded by 2 or fewer second phases and $84 \%$ by 3 or fewer.

With regard to rucks/mauls preceding tries, the above table shows that $72 \%$ of tries involved two or less recycled ball and this was a characteristic of almost all countries. The two exceptions were Wales where the figure was just over $50 \%$ - and Argentina whose figure was almost $90 \%$. In Argentina's case, over half of all their tries (9 out of 17) did not involve one single recycled ball. With Ireland however, this occurred only twice in 15 occasions.

The next table shows the total number of passes that preceded each of the 68 tries.

| No of passes | frequency \% | cum |  |
| :---: | :---: | :---: | :---: |
| None | 42 | 19\% |  |
| 1 | 22 | 10 |  |
| 2 | 30 | 14 | 43\% |
| 3 | 18 | 8 | 51\% |
| 4 | 21 | 10 |  |
| 5 | 20 | 9 |  |
| 6 | 21 | 10 |  |
| 7 | 6 | 3 |  |
| 8 | 7 | 3 |  |
| 9 | 4 | 2 |  |
| 10 | 5 | 2 |  |
| 11 | 4 | 2 |  |
| 12 | 1 | 1 |  |
| 13 | 4 | 2 |  |
| 14 | 4 | 2 |  |
| 15 | 4 | 2 |  |
| 18 | 3 | 1 |  |
| 20+ | 2 | <1 |  |

The table shows that $43 \%$ of tries were preceded by 2 or fewer passes and $51 \%$ by 3 or fewer.

These were not figures that were seen consistently throughout all twelve teams however.

The lead-up to tries scored by Russia, for example, was noticeably different from that of the other teams. This is shown in the following table that gives the average number of passes per try scored by the leading countries:

| Russia | $\mathbf{7 . 0}$ passes per try |
| :--- | :--- |
| Wales | 6.0 |
| New Zealand | 5.5 |
| South Africa | 4.3 |
| France | 4.1 |
| Australia | 3.9 |
| Scotland | 3.7 |
| England | 3.6 |
| Ireland | 3.5 |
| Italy | 2.6 |
| Tonga | 2.3 |
| Argentina | 1.8 |

The contrast between Russia and Argentina was interesting. In Russia's case, they recycled and passed more than any other country in order to score tries. This is unusual since history suggests that the teams that end up with the lowest rankings find it difficult to retain possession for any appreciable length of time.

## v Times of scores

There was a clear difference between the time when tries were scored and penalties kicked.

- $69 \%$ or almost two thirds of all penalty goals were kicked in the first half
- but only $46 \%$ of tries were scored in the first half

There were over $40 \%$ more penalties awarded in the first quarter of the game than in the third quarter. Conversely, $40 \%$ more were awarded in the last 10 mins of the second half than in the last 10 minutes of the first half.

## 3 MODE OF PLAY

## i Ball in play time

The 30 matches produced the ball-in-play times shown below in

the following charts and table.
\% no.of matches

| 35 | 3 |
| :--- | :--- |
| 36 | 1 |
| 37 | 1 |
| 38 | 1 |
| 39 | 4 |
| 40 | 1 |
| 41 | 5 |
| 42 | 3 |
| 43 | 2 |
| 44 | 3 |
| 45 | 2 |
| 47 | 3 |
| 48 | 1 |

## overall average 41\%

Ball-in-play time is, of course, not shared equally between each team. England, for example, had almost $60 \%$ more than Tonga as shown in the following table:

Average ball in play time possession per match
England $\quad 19 \mathrm{~m} 59 \mathrm{~s}$
Ireland $\quad 18 \mathrm{~m} 21 \mathrm{~s}$

Scotland $\quad 17 \mathrm{~m} 53 \mathrm{~s}$
Australia $\quad 17 \mathrm{~m} 38 \mathrm{~s}$
New Zealand $\quad 17 \mathrm{~m} 08 \mathrm{~s}$
France $\quad 16 \mathrm{~m} 25 \mathrm{~s}$
Italy $\quad 16 \mathrm{~m} 19 \mathrm{~s}$
Russia $\quad 15 \mathrm{~m} 35 \mathrm{~s}$
Wales $\quad 15 \mathrm{~m} 34 \mathrm{~s}$
South Africa $\quad 15 \mathrm{~m} 19 \mathrm{~s}$
Argentina $\quad 14 \mathrm{~m} 12 \mathrm{~s}$
Tonga 12m40s

## ii Activity cycles

Activity cycles reflect what happens when the ball is in play - it is either passed, kicked or a ruck/maul is formed out of which ball is recycled.
Average no of cycles in a game $\underline{\underline{95}}$
rucks/mauls (2nd phase) 134
passes 225
open play kicks 48
kick:pass ratio 1 to 4.7
a Rucks/Mauls
i the average number per game was 134
ii the highest total in any one game was 171:the lowest 78
iii the most in any one game by one team was Ireland 113
Scotland 106
Australia 101
iv the least in any one game by one team was
Tonga
31
Tonga 35
Tonga 35
$\checkmark \quad$ the following chart illustrates the entire range seen in the matches reviewed.

vi The average no of rucks/mauls for each participating team was as follows:

| Ireland | 88 |
| :--- | :--- |
| Scotland | 77 |
| Australia | 76 |
| Russia | 76 |
| England | 74 |
| New Zealand | 74 |
| Italy | 65 |
| Wales | 62 |
| South Africa | 61 |
| France | 58 |
| Argentina | 52 |
| Tonga | 41 |

Ruck / Maul Average Per Team


The above data reflects the actual number of rucks/mauls number created - so Ireland created the most while Tonga created the least. This changes however, when ball in play is considered. If a team's rucks/mauls are related to the time they were in possession of the ball then the order changes. What the following table shows therefore is the rate at which countries rucked and mauled. In other words, in relation to the time that they had the ball, how much activity took place. The order changes with Russia having the highest rucking/mauling rate;

RATE OF R/M - no. per minute's possession
Av.no. per game
Russia $4.9 \quad 76$

Ireland $4.8 \quad 88$

| New Zealand 4.3 |
| :--- | :--- | :--- |
| 4 |

$\begin{array}{lll}\text { Australia } & 4.3\end{array}$
Scotland 4.3
Wales $4.0 \quad 62$
$\begin{array}{lll}\text { South Africa } 4.0 & 61\end{array}$
Italy $4.0 \quad 65$
$\begin{array}{lll}\text { England } & 3.7 & 74\end{array}$
$\begin{array}{lll}\text { Argentina } & 3.7 & 52\end{array}$
France 3.5
Tonga 3.2

## b Passes

i the average number per game was 225
ii one game produced 310 - another produced only 138
iii the most in any game by one team was
New Zealand 212
Australia 209
Scotland 184
iv the least in any game by one team was
Tonga 53
Tonga 54
Tonga 55
$\checkmark \quad$ the following chart shows the number of passes per game

vi the average number of passes per team per game were

| New Zealand | 154 |
| :--- | ---: |
| Scotland | 134 |
| England | 132 |
| Australia | 131 |
| France | 121 |
| Russia | 121 |
| Wales | 107 |
| Ireland | 104 |
| South Africa | 102 |
| Italy | 93 |
| Argentina | 90 |
| Tonga | 60 |

Average Passes Per Country


Team

There was a noticeable difference between the teams. New Zealand again stood out making almost one hundred more passes per game than Tonga.

However, the above data reflects the actual number of passes number created and the following table shows, therefore, just as in the case of rucks/mauls, the rate at which countries passed. In other words, in relation to the time that they had the ball, how much activity took place.

RATE of Passes - no. per minute's possession
Av.no. per game
New Zealand
9.0

154 $\begin{array}{lll}\text { Russia } & 7.8 & 121\end{array}$ $\begin{array}{lll}\text { Scotland } & 7.5 & 134\end{array}$ $\begin{array}{lll}\text { Australia } & 7.4 & 131\end{array}$ $\begin{array}{lll}\text { France } & 7.4 & 121\end{array}$ Wales $6.9 \quad 107$ $\begin{array}{lll}\text { South Africa } 6.7 & 102\end{array}$ England 6.6 $\begin{array}{ll}\text { Argentina } 6.3 & 90\end{array}$ Italy $\quad 5.7$ 93 Ireland 5.6104 $\begin{array}{lll}\text { Tonga } & 4.7 & 60\end{array}$

This table shows that there was little change to the order - the highest passing teams also tended to have the highest rate of passing. What the rate table shows - not surprisingly - is that the differences between the countries are less in relative terms when activity is related to possession.

Tonga clearly faced problems. They achieved noticeably less possession than the other teams and therefore passed and rucked less. Even after adjusting for their limited ball-in-play time, their rate of passing and ruck/mauling was also less than any other team. One explanation for this is the fact that they frequently kicked the ball away - their rate of kicking was more than any other team.

## C Passing movements

Passes are grouped into passing movements - i.e. one pass movement, two pass movements and so on.

The data shows that some $82 \%$ of all passing movements contained two passes or less.

Most teams played to this formula, as seen below, but there were exceptions. Of Tonga's passing movements, $92 \%$ were 2 passes or less. The next highest was Italy with $88 \%$. Conversely, New Zealand's percentage was $72 \%$ suggesting that pressure on the weaker sides constrains their ability to pass the ball. Tonga, for example, put together 207 passing sequences - but not a single one contained more than 4 consecutive passes. Similarly, Russia managed only 14 in 363 passing movements and Italy 10 in 294. New Zealand on the other hand had 57 passing movements of 4 or more consecutive passes in their total of 381.

| Passing <br> Sequences | 1 pass \% | 2 Pass \% | Total \% |
| :--- | ---: | ---: | ---: |
| Russia | 56 | 29 | 85 |
| Italy | 59 | 29 | 88 |
| France | 53 | 24 | 77 |
| Wales | 55 | 27 | 82 |
| Tonga | 65 | 27 | $\mathbf{9 2}$ |
| Australia | 59 | 29 | 88 |
| Scotland | 41 | 35 | 76 |
| Argentina | 52 | 31 | 83 |
| South Africa | 56 | 23 | 78 |
| England | 52 | 28 | 80 |
| New Zealand | 50 | 23 | 72 |
| Ireland | 53 | 34 | 87 |

## d Open play kicks

i the average number per game was 48
ii one game produced 79 - another produced 28
iii the most in any game by one team was Ireland 46 Australia 36 Tonga 36
iv the least in any game by one team was New Zealand 11
New Zealand 13
France 13
$\checkmark \quad$ the average number of kicks per team per game was
Ireland 31
Australia 28
South Africa 27
Italy 26
Tonga 25
France 24
Argentina 23
Russia 22
England 22
Scotland 21
Wales 19
New Zealand 18
vi The above data reflects the actual number of kicks made. What the following table shows therefore, just as in the case of rucks/mauls and passes, is the rate at which countries kicked. In other words, in relation to the time that they had the ball, how much kicking activity took place.

| RATE OF Kicks - no. per minute's possession |  |  |
| :--- | :---: | :---: |
| Av.no. per game |  |  |
| Tonga | 2.0 | 25 |
| South Africa | 1.8 | 27 |
| Ireland | 1.7 | 31 |
| Italy | 1.6 | 26 |
| Argentina | 1.6 | 23 |
| Australia | 1.6 | 28 |
| France | 1.5 | 24 |
| Russia | 1.4 | 22 |
| Wales | 1.2 | 19 |
| Scotland | 1.2 | 21 |
| England | 1.1 | 22 |
| New Zealand | 1.0 | 18 |

This table shows that there was little change to the order - the highest kicking teams also tended to have the highest rate of kicking.

## 4 LINEOUTS

average number of lineouts per game ..... 32
percentage competed ..... $71 \%$
possession retained by throwing in team ..... $78 \%$
most lineouts in a game ..... 43
fewest in a game ..... 18
5 SCRUMS
average number of scrums per game ..... 22
possession retained by team putting in ..... 87\%
most scrums in a game ..... 42
fewest in a game ..... 15
1 in 4 scrums were reformed
1 in 6 scrums collapsed
6 RESTARTSOf all restarts, $29 \%$ were kicked sufficiently short that they werecontested. The remaining kicks - or $71 \%$ - were not - they were astraight transfer of possession to the defending team.

Of all restarts, possession retained by the kicking team was $10 \%$ or 1 in 10.

Of contestable restarts, possession retained by the kicking team was $34 \%$ or 1 in 3.

## 7 PENALTIES

## i Number and incidence

average number of penalties in a game ..... 25
Most penalties in a game ..... 50
Least penalties in a game ..... 14

There was a noticeable difference between the referees. The average number of penalties awarded per match by each of the referees was as follows:

| Bowden | (A) | 5 matches | 20 |
| :--- | :--- | :--- | :--- |
| Changleng | (S) | 1 match | 22 |
| Watkins | (W) | 5 matches | 23 |
| McKay | (I) | 5 matches | 23 |
| Lawrence | (NZ) | 5 matches | 23 |
| Iwashita | (J) | 5 matches | 29 |
| Pilara | (Arg) | 4 matches | 32 |

## ii Categories of offences penalised

\%
Ruck/tackle - on ground offences ..... 40\%
Offside - backs/forwards/open play ..... 22
Scrum ..... 15
Lineout ..... 7
Obstruction ..... 3
Tackle - early/late/dangerous ..... 5
Plus 10 metres ..... 3
Foul play ..... 2
Miscellaneous ..... 1
Maul - pulling down ..... 2

Overall, $35 \%$ of the penalties at the tackle area went against the team in possession.

Crooked feed free kicks totalled 10 in 30 games - or 1 in every 66 scrums.

## 8 RED AND YELLOW CARDS

## i Red cards

$$
\text { Number issued } 2 \text { foul play. }
$$

## ii Yellow cards

Number issued
30
Yellow cards were issued in 16 of the 30 matches. In one game 6 were issued (Scotland v England) and in another, 4 (Argentina $v$ Italy).
Foul play ..... 3
Illegal Tackle ..... 811
Obstruction ..... 1
Ruck/tackle on ground offences ..... 15
Pulling down maul ..... 1
Plus 10 m ..... 1
Other ..... 1

This indicates that $37 \%$ were awarded for foul play offences and $63 \%$ for technical offences.

