



**STATISTICAL ANALYSIS
AND MATCH REVIEW**

SIX NATIONS 2013

IRB GAME ANALYSIS



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SIX NATIONS 2013

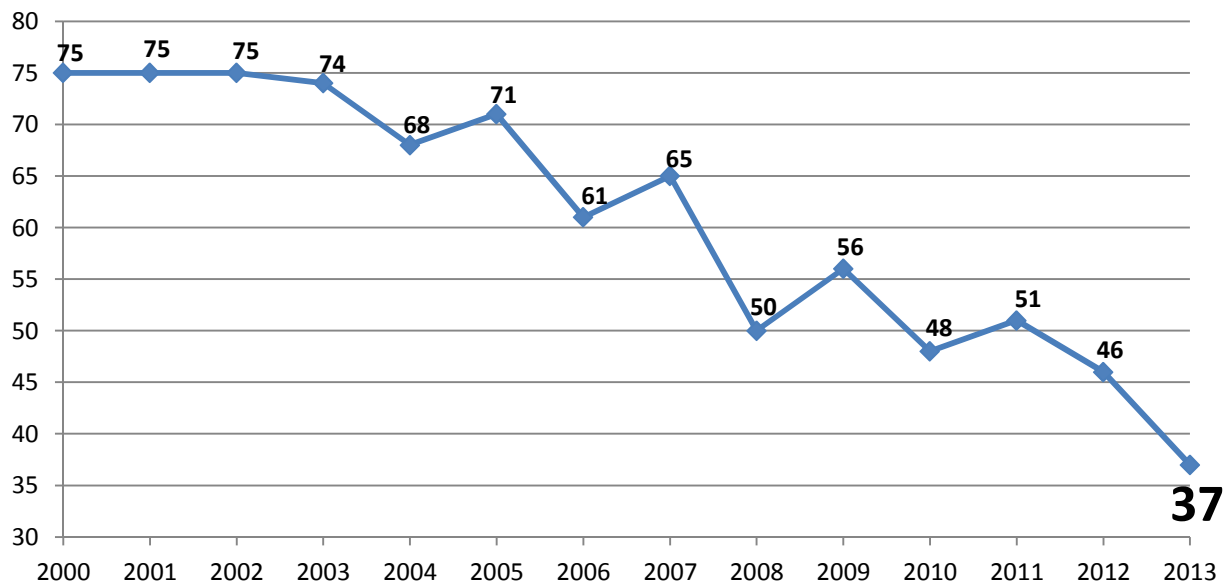
Commentary

There was no Grand Slam in 2013 but Wales regained the Six Nations in 2013 on points difference, denying England a Grand Slam in the final match of the tournament, with Scotland achieving their highest place finish since 2006. The three remaining teams had mixed fortunes, Italy finished fourth for the second time in Six Nations history, while Ireland and France achieved their lowest ever finishing positions. The final standings are as set out below.

	P	W	D	L	F	A	PD	TS	PTS
 Wales	5	4	0	1	122	66	56	9	8
 England	5	4	0	1	94	78	16	5	8
 Scotland	5	2	0	3	98	107	-9	7	4
 Italy	5	2	0	3	75	111	-36	5	4
 Ireland	5	1	1	3	72	81	-9	5	3
 France	5	1	1	3	73	91	-18	6	3

TRY SCORING

Overall, there were 37 tries scored in Six Nations 2013, giving an average of 2.5 per match. This was not only the lowest average in Six Nations history, but the lowest in the 18 years since the Game went professional in 1995. The number of tries has decreased steadily since 2000 as the following chart illustrates.









The impact of such a decline can be illustrated by comparing the number of tries scored to the inaugural Six Nations in 2000.

- In 2013, there were **37**, or **51%**, fewer tries scored than in 2000.
- In the last two years (2012/2013) a total of **83** tries were scored, but in 2000 and 2001 the comparative figure was **150**, a difference of **77** tries.







The tournament had a dramatic start with 16 tries scored in Round 1 suggesting that the decline in try scoring had halted. However, as the tournament continued fewer tries were scored, with only 21 tries being scored in Rounds 2 to 5. This difference can be highlighted by looking at try scoring rates. In Round 1, for example, a try was scored every **8 minutes 30 secs** of possession while in the remaining rounds a try was scored for every **24 minutes** of possession.

	TOTAL TRIES	AVERAGE TRIES PER MATCH
Round 1	16	5.3
Round 2	6	2.0
Round 3	5	1.7
Round 4	4	1.3
Round 5	6	2.0
Total	37	2.5

A further breakdown of Rounds 2 to 5 showed that only Scotland scored more than two tries in a match. Wales were the only team to score in every match that they played, while England scored only one try in their last four matches.

	TRIES SCORED DURING ROUNDS 2 – 5
 Wales	1, 2, 1, 2 = 6
 Scotland	4, 0, 0, 1 = 5
 France	0, 1, 1, 2 = 4
 Italy	1, 0, 1, 1 = 3
 Ireland	0, 1, 1, 0 = 2
 England	0, 1, 0, 0 = 1
Overall average	1.8 tries per match

A feature of the championship, and in particular Wales, was defence. Wales conceded three tries against Ireland in their first match, but did not concede a single try in their last four matches.

		TRIES CONCEDED DURING ROUNDS 2 – 5
	Wales	0, 0, 0, 0 = 0
	Ireland	0, 0, 1, 1 = 2
	France	1, 1, 1, 1 = 4
	England	0, 1, 1, 2 = 4
	Scotland	1, 1, 1, 2 = 5
	Italy	4, 2, 0, 0 = 6
Overall average		1.8 tries per match

PENALTY GOALS

While tries decreased this year, penalty goals increased.

- Penalty goals averaged 6.3 per match which was the highest since the Five Nations Championship restarted after the Second World War in 1947.
- One consequence was that penalty goals outnumbered tries by two and a half times to one. Only once has this ratio been exceeded in the 66 years since 1947.

Despite this, tries still remain the most significant element in winning matches. While penalty goals can have a major impact in parts of a match, matches are most often won by the team scoring the most tries. In 2013, almost 60% were won by the team scoring the most tries, in four matches the try count was the same and in only two matches did the team scoring the fewest number of tries win (**Scotland v Ireland** and **England v Italy**).

This reflects previous years. In the last five years, for example, 70% of matches have been won by the team scoring the most tries while only 11% were won by the team scoring the fewest number of tries.

SCRUMS

Last year's report referred to the fact that, at Tier One level, there are many more collapses, more scrum penalties and free kicks than the tiers below. RWC 2011 was given as an example and the table below was produced to show that, in that tournament, Tier One matches contained two and a half times more collapses and penalty kicks than Tier Two or Three matches.

RWC 2011	COLLAPSES PER 100 SCRUMS	RESETS PER 100 SCRUMS	PK/FKS PER 100 SCRUMS
Tier One v Tier Two	50	31	41
Tier One v Tier Two	19	9	17

The analysis of scrums in Six Nations 2013 confirmed that the core problems at Tier One level continue and are increasing, with more scrums collapsing and, for the first time in any Tier One tournament, over half of all scrums ended with a penalty or free kick.







	COLLAPSES PER 100 SCRUMS	RESETS PER 100 SCRUMS	PK/FKS PER 100 SCRUMS
Six Nations 2013	59	30	51
Six Nations 2012	49	33	39

The extent of the problem can be illustrated by one match – **Wales v England**. This match resulted in:

- 13 scrums
- 11 collapses
- 6 resets
- 10 penalties and free kicks
- the ball came back into play just three times

Problems relating to current scrums are also having an effect on the shape of the Game. With fewer scrums taking place and more penalties and free kicks being awarded, possession from the scrum has now become a less significant part of the Game. In this year's championship, for example, Wales had possession from the scrum on only 13 occasions from 38 scrums in their five matches. They did however obtain 20 penalties on their own put-in while conceding only five.

On average the ball came out of the scrum seven times per match. The number of times each team in the Six Nations 2013 obtained scrum possession is shown in the following table:

		SCRUM POSSESSION IN 5 MATCHES	AVERAGE NO OF TIMES PER MATCH
	Wales	6, 2, 2, 2, 1 = 13	2.6
	England	6, 2, 2, 2, 1 = 13	2.6
	Scotland	8, 6, 2, 2, 1 = 15	3.0
	Ireland	7, 4, 3, 2, 2 = 18	3.6
	Italy	7, 7, 6, 2, 2 = 21	4.2
	France	8, 7, 5, 3, 3 = 26	5.2

With such little scrum possession, it is not surprising that three of the six teams failed to score a single try from this source, with just five tries resulting from scrums. This compares with 11 from lineouts, 11 from opponents' kicks and eight from turnovers.

Therefore, for certain teams, it appears that the benefit from scrums comes not so much from possession, but from the penalties and free kicks they manage to obtain. Wales and England, for example, each obtained the ball from their own scrum just 13 times in their five matches while receiving 20 and 17 penalties and free kicks respectively.

Not all teams, however, had such a profile. In the Six Nations, for example, the ball came out on Italy's scrum ball 21 times out of 35 scrums.

The table shows that the main feature of the Welsh and English scrums was the predominance of sanctions whereas that of Argentina, New Zealand and Australia scrums in The Rugby Championship 2012 was ball possession.

SIX NATIONS 2013	TOTAL SCRUMS	PK/FKS PER 100 SCRUMS	BALL OUT PER 100 SCRUMS	THE RUGBY CHAMPIONSHIP 2012	TOTAL SCRUMS	PK/FKS PER 100 SCRUMS	BALL OUT PER 100 SCRUMS
WALES	38	66	34	SOUTH AFRICA	32	41	59
ENGLAND	36	64	36	NEW ZEALAND	47	30	70
SCOTLAND	30	50	50	AUSTRALIA	43	28	72
IRELAND	32	44	56	ARGENTINA	38	26	74
FRANCE	46	43	57				
ITALY	35	40	60				

This was emphasised when the output of scrums was examined. Neither Wales nor England scored a single try from scrum possession. New Zealand, however, utilised their scrum possession to score five tries while Australia used their possession to score two. This produced a total of 47 points to New Zealand and Australia and none to Wales and England. Wales and England did however obtain 27 points from scrum penalty goals while New Zealand and Australia obtained only nine.

Wales' defence has been highlighted as one reason why they were so successful in the Six Nations 2013. Other aspects of Wales' performances are as follows:

- They had the highest proportion of possession in their matches
- They used phases in the build-up to tries with seven of their nine tries having at least three phases
- They scored the most tries and conceded the least
- They scored eight of their nine tries in the second half
- They conceded three tries in 84 minutes ball in play
- The backs scored seven tries and the forwards scored two tries
- They had the highest rucking rate and a high ruck retention rate
- They were awarded the highest proportion of penalty kicks/free kicks

SIX NATIONS 2013

MATCH FACTS

SCORING

- There was one match with no tries scored.
- 60% of matches were won by the team scoring the most tries.
- Wales scored the most tries and conceded the least.
- For every two tries, there were three penalty goals.
- 11 of the 15 matches had a margin of 10 points or fewer.
- The highest scoring margin was 27 points (**Wales v England**).
- The try rate was one try every 14 minutes of ball in play.
- Wales did not concede a try in four matches, during which their opponents had over 70 minutes of possession.
- 73% of tries were scored by backs, 27% by forwards.
- All Scotland tries were scored by backs.
- 60% of tries originated from lineout possession and kick receipts.
- Wales, Scotland and England did not score a single try from scrum possession.
- 38% of tries started from inside the scoring team's own half.
- All five tries conceded by Ireland were from possession sourced inside Ireland's 22m.
- Scotland scored five tries from inside their own half, England and Ireland scored none.
- 62% of tries were preceded by three or fewer phases while 77% of Wales' tries had three or more phases.
- 30% of tries were scored in the first half and 70% in the second half. Ireland conceded all five of their tries in the second half.
- Scotland were the most successful at place kicks, France were the least.
- Only three of 12 drop goal attempts were successful, with Italy kicking two.

ACTIVITY

- The team with the least possession won on six occasions.
- Wales and Italy had the highest proportion of possession in their matches.
- England had the highest passing rate, Scotland the lowest.
- The three highest passing matches were in the first round of the tournament – over 300 passes per match.
- Wales made 156 passes during the second half against Ireland while the Ireland v England match had a total of 153 passes.
- England forwards were most likely to pass, Ireland forwards the least likely.

- England's front row, France's second row and Italy's back row were the most likely forwards to pass.
- Scotland's centres made a total of 15 passes in five matches.
- Wales had the highest rucking rate, Scotland the lowest.
- The most ruck/mauls Scotland had in a match was 85 while Wales had 97 ruck/mauls during the second half against Ireland.
- Scotland had the highest kicking rate in open play. Italy had the lowest.
- The highest kicking match was Italy v Wales with 74 kicks.
- England's centres only made two kicks in five matches.







SET PIECE

- Italy were the most successful at regaining contestable restarts and retaining possession at scrum and lineout.
- Wales were the least successful at regaining contestable restarts, but kicked 78% of restarts long.
- Scotland contested more lineouts than any other team and stole the most possession. Wales contested the least and stole the least.
- The scrum success was 82%, with 69% of penalty kicks/free kicks in favour of the attacking team. There were only four tightheads and three through 90 degree turnovers.
- Wales were awarded 25% of all scrum penalties and free kicks.






























DISCIPLINE

- Wales were awarded the highest proportion of PK/FKs in their matches and Italy were awarded the least.
- 43% of penalty kicks/free kicks were at tackle/ruck with 62% in favour of the team in possession.
- 31% of penalty kicks/free kicks were at the scrum with 76% of penalty kicks and 59% of free kicks in favour of the team in possession.
- Ireland received the most yellow cards.
- France has received only one yellow card in the last seven Six Nations competitions.

SIX NATIONS 2013 FINAL STANDINGS & RESULTS

	P	W	D	L	F	A	PD	TS	PTS
 Wales	5	4	0	1	122	66	56	9	8
 England	5	4	0	1	94	78	16	5	8
 Scotland	5	2	0	3	98	107	-9	7	4
 Italy	5	2	0	3	75	111	-36	5	4
 Ireland	5	1	1	3	72	81	-9	5	3
 France	5	1	1	3	73	91	-18	6	3

P = Played W = Won D = Draw L = Lost F = Points For A = Points Against
 PD = Points Difference TS = Tries Scored PTS = Points

	Wales	22 - 30	Ireland	
	England	38 - 18	Scotland	
	Italy	23 - 18	France	
	Scotland	34 - 10	Italy	
	France	6 - 16	Wales	
	Ireland	6 - 12	England	
	Italy	9 - 26	Wales	
	England	23 - 13	France	
	Scotland	12 - 8	Ireland	
	Scotland	18 - 28	Wales	
	Ireland	13 - 13	France	
	England	18 - 11	Italy	
	Italy	22 - 15	Ireland	
	Wales	30 - 3	England	
	France	23 - 16	Scotland	

SIX NATIONS 2013 OVERALL SUMMARY PER MATCH

The core elements of the matches over the last four championships are shown in the table below:







	SIX NATIONS 2013	SIX NATIONS 2012	SIX NATIONS 2011	SIX NATIONS 2010
SCORING				
Avg. Points	36	36	39	40
Avg. Tries	2.5	3.1	3.4	3.2
Avg. Penalty goals	6.3	5.1	5.4	5.5
Conversion success %	77%	74%	75%	75%
Av. Drop goals	0.2	0.2	0.3	0.7
ACTIVITY				
Ball in play %	44%	48%	49%	48%
Avg. Passes	242	268	297	251
Avg. Ruck/Mauls	180	181	194	158
Ruck/Maul success %	95%	93%	95%	95%
Av. Kicks	53	46	46	62
SET PIECE				
Avg. Lineouts	25	23	24	25
Lineout success %	84%	83%	84%	81%
Avg. Scrums	14	14	12	15
Scrum success %	82%	85%	81%	84%
DISCIPLINE				
Avg. Penalties/Free kicks	24	21	21	22
Total Yellow & Red cards	14 & 0	13 & 0	10 & 0	10 & 0
Total TMO referrals	7	12	8	6

1.0 SCORING

There were **534** points scored, giving an average of **36** points per match. The following tables show a breakdown of all points scored.







	TOTAL	POINTS	% OF POINTS SCORED
TRIES	37	185	35%
CONVERSIONS	27	282	53%
PENALTY GOALS	94	54	10%
DROP GOALS	3	9	2%

The total and average points per team are shown below.

	POINTS FOR		POINTS AGAINST	
	Total	Average	Total	Average
 Wales	122	24	66	13
 Scotland	98	20	107	21
 England	94	19	78	16
 Italy	75	15	111	22
 France	73	15	91	18
 Ireland	72	14	81	16

1.1 TRIES, PENALTY GOALS & DROP GOALS

There was an average of 2.5 tries, 1.8 conversions, 6.3 penalty goals and 0.2 drop goals.

	TRIES SCORED	PENALTY GOALS KICKED	DROP GOALS KICKED	% OF POINTS FROM TRIES	% OF POINTS FROM KICKS	TRIES : PENALTY GOALS
 France	6	11	-	41%	59%	1 : 1.8
 Wales	9	20	1	37%	63%	1 : 2.2
 Scotland	7	17	-	36%	64%	1 : 2.4
 Italy	5	12	2	33%	67%	1 : 2.4
 Ireland	5	13	-	35%	65%	1 : 2.6
 England	5	21	-	27%	73%	1 : 4.2

1.2 IMPACT OF THE TRIES & PENALTY GOAL ON MATCH RESULTS

The winning team scored the most tries in **eight**, or **58%**, of matches.

In four matches tries were equal, one of which was a draw. In only two matches did the winning team scoring the fewest number of tries (**Scotland v Ireland** and **England v Italy**).

1.3 WINNING MARGINS

There were **11** matches with a margin of 10 points or fewer.

The winning margins fell into the following ranges.













POINTS DIFFERENCE	NO OF MATCHES	CUMULATIVE
Draw	1	1 drawn
1 – 5	2	3 with 5 points or less
6 – 10	8	11 with 10 points or less
11 – 20	2	13 with 20 points or less
21 – 30	2	15 with 30 points or less
31+	0	-

2.0 TRY SCORING

There were **37** tries scored. The overall try scoring rate for the tournament was one try every **14 minutes** of possession.







2.1 RATE OF TRY SCORING & RATE OF TRY CONCEDED

The following table shows the rate of try scoring and the rate of try conceding. This is a measure of each team's ability to convert possession into tries and each team's ability to prevent opposition converting possession into tries.

		TRY SCORING RATE			TRY CONCEDED RATE
	Scotland	One every 9m 57s		Wales	One every 28m 09s
	Wales	One every 10m 52s		Ireland	One every 16m 32s
	France	One every 15m 42s		France	One every 15m 11s
	England	One every 17m 26s		England	One every 15m 07s
	Ireland	One every 17m 35s		Scotland	One every 11m 17s
	Italy	One every 19m 25s		Italy	One every 10m 24s

2.3 PLAYERS & TRIES

Of the **37** tries scored, **73%** were scored by backs and **27%** were scored by forwards. There were no penalty tries. The breakdown of the teams is shown below.







		TRIES BY BACKS	TRIES BY FORWARDS	PENALTY TRIES
	Wales	7	2	-
	England	4	1	-
	Ireland	3	2	-
	France	4	2	-
	Scotland	7	-	-
	Italy	2	3	-

2.4 SOURCE & ORIGIN OF TRIES







Tries can originate from many different possession sources and from anywhere on the pitch.

The following table shows the source of tries scored by each team.





TRY SOURCE		TRY ORIGIN	
Lineout	30%	Own half	38%
Opponents kick	30%	Halfway to 10m	11%
Turnover/handling error	22%	10m to 22m	16%
Scrum	14%	22m to goal line	35%
Penalty/free kick	3%		
Restart	3%		

	LINEOUT	SCRUM	PK/ FK	OPP KICK	TURNOVER	RESTART	TOTAL SCORED
 Wales	5	-	-	2	1	1	9
 Scotland	3	-	-	1	3	-	7
 France	-	1	1	3	1	-	6
 England	1	-	-	2	2	-	5
 Ireland	2	2	-	1	-	-	5
 Italy	-	2	-	2	1	-	5



The following table shows the source of tries conceded by each team.

	LINEOUT	SCRUM	PK/ FK	OPP KICK	TURNOVER	RESTART	TOTAL CONCEDED
 Wales	-	2	-	1	-	-	3
 Ireland	3	1	1	-	-	-	5
 France	3	-	-	1	2	-	6
 England	-	-	-	3	2	1	6
 Italy	3	1	-	2	2	-	8
 Scotland	2	1	-	4	2	-	9

The following table shows the origin of tries scored per team.

	OWN HALF	HALFWAY TO 10M	10M TO 22M	22M TO GOAL LINE	TOTAL SCORED
 Wales	3	2	1	3	9
 Scotland	5	-	1	1	7
 France	4	-	-	2	6
 England	-	2	2	1	5
 Ireland	-	-	2	3	5
 Italy	2	-	-	3	5

The following table shows the origin of tries conceded per team.

	OPP HALF	HALFWAY TO 10M	10M TO 22M	22M TO GOAL LINE	TOTAL CONCEDED
 Wales	-	-	1	2	3
 Ireland	-	-	-	5	5
 France	3	-	2	1	6
 England	4	1	-	1	6
 Italy	4	1	1	2	8
 Scotland	3	2	2	2	9

2.5 NUMBER OF RUCKS / MAULS & PASSES IN BUILD UP TO TRIES







The following tables show the number of rucks/mauls and the number of passes that preceded each try.

It can be seen that **62%** of tries were preceded by three or fewer phases, and that **35%** of tries were preceded by three or fewer passes.







RUCKS/ MAULS				PASS			
	NUMBER	%	CUMULATIVE %		NUMBER	%	CUMULATIVE %
0	8	22%	22%	0	7	19%	19%
1	2	5%	27%	1 - 3	6	16%	35%
2	10	27%	54%	4 - 6	13	35%	70%
3	3	8%	62%	7 - 9	5	14%	84%
4+	14	38%	100%	10+	6	16%	100%

2.6 TIMING OF SCORES – TRIES & PENALTY GOALS

Of the **37** tries, **30%** were scored in the first half and **70%** were scored in the second half. Of the **94** penalty goals, **57%** were kicked in the first half, and **43%** in the second half. The following table shows the number of tries and penalty goals scored per half per team.

	TRIES SCORED 1 st HALF	TRIES SCORED 2 nd HALF	PGS SCORED 1 st HALF	PGS SCORED 2 nd HALF
 Wales	1	8	10	10
 Scotland	2	5	10	7
 France	3	3	4	7
 England	1	4	14	7
 Ireland	3	2	8	5
 Italy	1	4	8	4
TOTAL	11	26	54	40

The following table shows the number of tries and penalty goals conceded per half per team.







	TRIES CONCEDED 1 st HALF	TRIES CONCEDED 2 nd HALF	PGS CONCEDED 1 st HALF	PGS CONCEDED 2 nd HALF
 Wales	2	1	11	4
 Ireland		5	7	9
 France	2	4	9	6
 England	2	4	7	6
 Italy	3	5	12	7
 Scotland	2	7	8	8

3.0 KICKS AT GOAL

This table shows kick success rates:

	KICKING SUCCESS
Conversions	77%
Penalty goals	77%
Drop goals	25%

The following table shows the kicking success for penalty goals, conversions and drop goals for each team.

	PENALTY SUCCESS	CONVERSION SUCCESS	OVERALL SUCCESS %	DROP GOAL SUCCESS
 Scotland	85%	83%	85%	0/1
 Wales	83%	78%	82%	1/4
 England	81%	50%	77%	0/0
 Italy	75%	80%	76%	2/4
 Ireland	68%	80%	71%	0/2
 France	65%	83%	70%	0/1

4.0 BALL IN PLAY & POSSESSION







The average ball in play time per match was **35mins 35secs (44%)**.

The highest ball in play in any match was **40mins 51secs** and the lowest was **31mins 21secs**.

This table shows the ball in play times and possession times for each match and team. The winning team won with less possession on **six occasions (43%)**. This is highlighted in red.

	HOME TEAM	TIME	%	AWAY TEAM	TIME	%	TOTAL TIME
1	Wales	25:29	65%	Ireland	13:30	35%	38:59
2	England	21:59	60%	Scotland	14:42	40%	36:41
3	Italy	20:47	51%	France	20:04	49%	40:51
4	Scotland	13:41	40%	Italy	20:26	60%	34:07
5	France	19:38	50%	Wales	19:35	50%	39:13
6	Ireland	17:42	55%	England	14:11	45%	31:53
7	Italy	18:43	55%	Wales	15:15	45%	33:58
8	England	18:05	50%	France	17:56	50%	36:01
9	Scotland	10:47	34%	Ireland	20:34	66%	31:21
10	Scotland	16:13	50%	Wales	15:59	50%	32:12
11	Ireland	18:24	57%	France	14:02	43%	32:26
12	England	16:31	47%	Italy	18:57	53%	35:28
13	Italy	18:11	51%	Ireland	17:43	49%	35:54
14	Wales	21:27	57%	England	16:24	43%	37:51
15	France	22:32	61%	Scotland	14:15	39%	36:47

The following table shows the average possession time per match obtained by each team and their opponents.

	OWN POSSESSION AVERAGE	OPP POSSESSION AVERAGE	OWN POSSESSION %	OPP POSSESSION %
 Wales	19:33	16:54	54%	46%
 Italy	19:25	16:39	54%	46%
 Ireland	17:35	16:32	51%	49%
 France	18:50	18:13	51%	49%
 England	17:26	18:09	49%	51%
 Scotland	13:56	20:18	41%	59%

5.0 ACTIVITY CYCLES

Activity cycles are comprised of passes, ruck/mauls and kicks.

	AVERAGE PER MATCH	RATE (TIME OF POSSESSION)
Passes	242	Every 8.8 secs
Rucks/Mauls	180	Every 11.9 secs
Kicks	53	Every 40.5 secs

5.1 PASSING

The average number of passes per match was **242**. Overall there was a pass every **8.8 secs**.

The highest number of passes in any match was **328** and the lowest was **153**.

The following table shows the average number of passes per match and the passing rate per team.







	AVERAGE PASSES	MOST	LEAST	RATE (TIME OF POSSESSION)
 England	134	224	62	Every 7.8 secs
 Italy	147	165	121	Every 7.9 secs
 France	132	163	83	Every 8.6 secs
 Wales	132	234	68	Every 8.9 secs
 Ireland	106	147	86	Every 9.9 secs
 Scotland	75	92	37	Every 11.2 secs

5.2 PLAYER PASSING













Passes were put into three groups; passes made by forwards, passes made by scrum half and passes made by backs. The results are shown in the table below.

	%
Passes by forwards	16%
Passes by scrum half	51%
Passes by backs	33%



















The following table shows the passes made by the three groups of players per team.

		PASSES BY FORWARDS	%	PASSES BY SCRUM HALF	%	PASSES BY BACKS	%
	Scotland	75	20%	184	49%	114	31%
	Italy	137	19%	360	49%	237	32%
	England	117	17%	328	49%	226	34%
	France	105	16%	330	50%	225	34%
	Wales	88	13%	369	56%	204	31%
	Ireland	51	10%	293	55%	186	35%



















The following table shows the rate of passing by forwards and backs (not including scrum half) per possession.

		FORWARDS RATE OF PASSING			BACKS RATE OF PASSING
	England	Every 3.1 received		England	Every 2.2 received
	Italy	Every 3.3 received		France	Every 2.2 received
	Scotland	Every 3.4 received		Italy	Every 2.2 received
	France	Every 3.8 received		Ireland	Every 2.3 received
	Wales	Every 4.7 received		Wales	Every 2.5 received
	Ireland	Every 6.4 received		Scotland	Every 2.8 received

Overall, forwards passed the ball every 3.9 received. Passes made by forwards have been put into three groups; passes made by the front row, passes made by the second row and passes made by the back row. The rates shown give the frequency of passing by each group of forwards.

		FRONT ROW			SECOND ROW			BACK ROW
	England	Every 4.0 received		France	Every 4.0 received		Italy	Every 2.4 received
	Ireland	Every 5.6 received		England	Every 4.1 received		England	One every 2.6 received
	France	Every 5.7 received		Scotland	Every 4.1 received		Scotland	Every 2.7 received
	Scotland	Every 5.7 received		Italy	Every 4.9 received		France	Every 3.1 received
	Italy	Every 6.0 received		Wales	Every 5.2 received		Wales	Every 3.4 received
	Wales	Every 8.3 received		Ireland	Every 9.3 received		Ireland	Every 6.2 received
	Overall	Every 5.7 received		Overall	Every 4.7 received		Overall	Every 3.1 received

Overall, backs passed the ball every **2.3** received. Passes made by backs have been put into three groups; passes made by the fly half, passes made by centres and passes made by back three. The rates shown give the frequency of passing by each group of backs.







		FLY HALF			CENTRES			BACK THREE
	England	Every 1.4 received		Ireland	Every 2.3 received		Italy	Every 3.2 received
	France	Every 1.5 received		England	One every 2.5 received		France	Every 3.3 received
	Ireland	Every 1.5 received		Italy	Every 2.8 received		Scotland	Every 3.5 received
	Italy	Every 1.5 received		France	One every 2.9 received		England	Every 3.6 received
	Wales	Every 1.7 received		Wales	Every 3.3 received		Wales	Every 3.8 received
	Scotland	Every 1.8 received		Scotland	Every 4.5 received		Ireland	Every 5.0 received
	Overall	Every 1.6 received		Overall	Every 2.8 received		Overall	Every 3.6 received

5.3 RUCKS/MAULS

The average number of rucks/mauls per match was **180**. Overall there was a ruck/maul every **11.9 secs**.

The highest number of ruck/mauls in any match was **220** and the lowest was **144**.







The following table shows the average number of ruck/mauls per match and the rucking rate per team.

		RUCK/MAULS	MOST	LEAST	RATE (TIME OF POSSESSION)
	Wales	108	147	64	Every 10.9 secs
	Italy	102	112	93	Every 11.4 secs
	Ireland	90	112	73	Every 11.8 secs
	England	86	114	58	Every 12.1 secs
	France	93	114	69	Every 12.2 secs
	Scotland	61	85	38	Every 13.7 secs

5.4 BREAKDOWN RETENTION

At the breakdown, the team taking in the ball retained possession by either winning the ball or being awarded a penalty on **95%** of occasions.

The following table shows the ruck/maul success rates when in possession and when opposition are in possession for each team.







		SUCCESS IN OWN RUCK/MAULS	SUCCESS IN OPP RUCK/MAULS
	Wales	96%	6%
	Ireland	96%	7%
	France	95%	5%
	Italy	94%	4%
	England	93%	6%
	Scotland	91%	4%

5.5 KICKING

The average number of kicks per match was **53**. Overall there was a kick every **40.5** secs.







The highest number of kicks in any match was **71**, and the lowest was **37**.

The following table shows the average number of kicks per match and the kicking rate per team.

		KICKS	MOST	LEAST	RATE (TIME OF POSSESSION)
	Scotland	27	33	22	Every 30.5 seconds
	England	26	37	19	Every 40.2 seconds
	Ireland	26	35	15	Every 40.3 seconds
	France	27	34	22	Every 41.6 seconds
	Wales	26	37	15	Every 45.5 seconds
	Italy	25	37	20	Every 45.9 seconds

5.6 PLAYER KICKING

The following table shows the division of kicks by the backs in each of the teams.

		SCRUM HALF KICKS	FLY HALF KICKS	CENTRE KICKS	FULL BACK KICKS
	Scotland	Every 5.2 received	Every 3.0 received	Every 6.7 received	Every 3.5 received
	Ireland	Every 8.1 received	Every 4.1 received	Every 8.8 received	Every 4.8 received
	Wales	Every 13.4 received	Every 4.1 received	Every 8.6 received	Every 5.8 received
	France	Every 7.7 received	Every 4.3 received	Every 28.8 received	Every 5.5 received
	Italy	Every 12.6 received	Every 4.7 received	Every 12.4 received	Every 5.4 received
	England	Every 7.9 received	Every 4.9 received	Every 68.5 received	Every 4.2 received







6.0 SET PIECE

6.1 RESTARTS

Of restarts, **53%** were not contestable kicks, **47%** were contestable kicks.

When restarts were contested, the kicking team regained possession on **23%** of occasions.

The following table shows the success per team on their own and opposition restarts and the type of restart kicked by each team.













		OWN RESTARTS	OPP RESTARTS	OWN RESTARTS	
		Success	Success	Contestable	Not Contestable
	Italy	33%	89%	21	13
	Ireland	27%	91%	11	19
	Scotland	24%	62%	21	12
	France	15%	79%	20	19
	England	15%	67%	13	18
	Wales	14%	79%	7	25

6.2 LINEOUTS

The average number of lineouts per match was **25**, the lineout success was **84%** and lineouts were contested on **47%** of occasions.

The highest number of lineouts in any match was **31**, the lowest was **18**.

These tables show the success per team on own and opposition lineouts.













	OWN LINEOUTS			OPP LINEOUTS			
	SUCCESS	CONTESTED		SUCCESS	CONTESTED		
	Italy	92%	48%		Scotland	21%	53%
	Wales	86%	53%		Italy	20%	36%
	Ireland	83%	48%		England	16%	53%
	England	83%	43%		Ireland	15%	51%
	Scotland	83%	40%		France	14%	52%
	France	81%	50%		Wales	6%	35%

6.3 SCRUMS

The average number of scrums per match was **14** and the scrum success was **82%**.

The highest number of scrums in any match was **18** and the lowest was **11**.







The following tables show the success per team on own and opposition scrums.

OWN SCRUMS				OPP SCRUMS					
		SUCCESS	BALL OUT	PEN/FK		SUCCESS	BALL OUT/ THRU 90	PEN/FK	
	Italy	91%	21	11		France	39%	3	10
	France	89%	25	16		Wales	28%	0	9
	Wales	84%	13	19		Ireland	22%	2	6
	Ireland	78%	17	8		England	12%	1	3
	England	72%	13	13		Scotland	10%	0	4
	Scotland	70%	13	8		Italy	5%	1	1

In total there were **four** tightheads and **three** through 90 degree turnovers in **217** scrums.

7.0 PENALTIES & FREE KICKS

The average number of penalties and free kicks per match was **24**. The highest number of penalties/free kicks in any match was **32**, the lowest was **17**. The table below comprises the total penalties for and against, together with the proportion of penalties for and against by each team.







		PK/FK FOR	PK/FK AGAINST	% PK/FK FOR	% PK/FK AGAINST
	Wales	73	46	61%	39%
	France	55	50	52%	48%
	England	64	60	52%	48%
	Ireland	63	63	50%	50%
	Scotland	56	74	43%	57%
	Italy	48	66	42%	58%

7.1 CATEGORIES OF OFFENCES PENALISED

The following table shows where penalties and free kicks were awarded.

	%
Tackle/Ruck	43%
Scrum	31%
Foul Play	10%
Offside	7%
Maul	6%
General	3%
Lineout	2%

The following table shows the proportion of penalties and free kicks against each team in each area.

	TACKLE/ RUCK	SCRUM	LINEOUT	MAUL	GENERAL PLAY	FOUL PLAY	OFFSIDE	
	France	52%	28%	4%	4%	2%	4%	6%
	Scotland	43%	31%	0%	4%	4%	7%	11%
	Italy	42%	32%	3%	3%	8%	4%	8%
	England	40%	32%	2%	10%	6%	5%	5%
	Ireland	40%	30%	0%	8%	8%	5%	9%
	Wales	39%	33%	2%	4%	7%	4%	11%







Of penalties awarded at the ruck, **62%** were in favour of the team in possession and **38%** were in favour of the defending team. Of penalties awarded at the scrum, **76%** were in favour of the team in possession and **24%** were in favour of the defending team. Of free kicks awarded at the scrum, **59%** were in favour of the team in possession and **41%** were in favour of the defending team.

8.0 CARDS

There were **no** red cards and **14** yellow cards.

The highest number of cards in any match was **four** and the least was **zero**. There were **10** matches which contained at least one yellow card meaning **five**, or **33%**, of all matches did not contain a yellow card.

The following table shows the number of cards per team and reasons.

		NO. OF CARDS	REASONS
	Ireland	5	Ruck (1), Offside (1), Stamping (1), Charging (1), Obstruction (1)
	Italy	4	Ruck (1), Scrum (1), Obstruction (1), Tripping (1)
	England	2	Ruck (1), Not 10m (1)
	Scotland	2	Offside (1), Not 10m (1)
	Wales	1	Ruck (1)
	France	0	

Of the 14 yellow cards:

- **Five** were issued within two minutes of the final whistle.
- Of the remaining nine yellow cards, there was an overall points benefit of 22 points or 2.4 points per card.

9.0 TMO

There were **seven** references to the TMO and **five** tries were awarded. No TMO reviews were related to kicks at goal. The average time for a TMO referral was **88 secs**. The shortest reference took **56 secs** and the longest took **2 minutes 20 secs**.

SIX NATIONS 2013 TEAM COMPARISON SUMMARY

	ENGLAND		FRANCE		IRELAND	
	2013	2012	2013	2012	2013	2012
Scoring						
Avg. Points scored	94	98	73	101	72	121
Avg. Points conceded	78	71	91	86	81	94
Total Tries scored	5	7	6	8	5	13
Try scoring rate	17m 26s	12m 31s	15m 42s	11m 41s	17m 35s	6m 15s
Total Tries conceded	6	4	6	8	5	8
Try conceding rate	15m 07s	26m 05s	15m 11s	12m 19s	16m 32s	11m 53s
Total Penalty goals scored	21	17	11	16	13	12
Total Drop goals scored	-	-	-	1	-	-
Place kick success %	77%	82%	70%	70%	71%	79%
General play						
Avg. Possession	17m 26s	17m 31s	18m 50s	18m 42s	17m 35s	16m 15s
Avg. Passes	134	111	132	126	106	112
Avg. Ruck/mauls	86	74	93	85	90	81
Ruck/maul retention success %	93%	92%	95%	93%	96%	95%
Avg. Kicks	26	28	27	24	26	22
Set piece						
Lineout – own success %	83%	84%	81%	81%	83%	78%
Scrums – own success %	72%	87%	89%	90%	78%	78%
Contestable Restarts – own success %	15%	8%	15%	20%	27%	26%
Discipline						
% Penalties & free kicks for	52%	51%	52%	56%	50%	42%
% Penalties & free kicks against	48%	49%	48%	44%	50%	58%
Total Yellow/red cards	2	1	0	0	5	1

SIX NATIONS 2013 TEAM COMPARISON SUMMARY

	ITALY		SCOTLAND		WALES	
	2013	2012	2013	2012	2013	2012
Scoring						
Avg. Points scored	75	53	98	56	122	109
Avg. Points conceded	111	121	107	108	66	58
Total Tries scored	5	4	7	4	9	10
Try scoring rate	19m 25s	22m 16s	9m 57s	27m 37s	10m 52s	11m 06s
Total Tries conceded	8	12	9	11	3	3
Try conceding rate	10m 24s	7m 49s	11m 17s	7m 55s	28m 09s	31m 24s
Total Penalty goals scored	12	7	17	10	20	15
Total Drop goals scored	2	2	-	-	1	-
Place kick success %	76%	53%	85%	76%	82%	71%
General play						
Avg. Possession	19m 25s	17m 49s	13m 56s	22m 05s	19m 33s	22m 12s
Avg. Passes	147	125	75	175	132	154
Avg. Ruck/mauls	102	86	61	108	108	109
Ruck/maul retention success %	94%	93%	91%	94%	96%	92%
Avg. Kicks	25	24	27	19	26	26
Set piece						
Lineout – own success %	92%	85%	83%	83%	86%	83%
Scrum – own success %	91%	70%	70%	89%	84%	96%
Contestable Restarts – own success %	33%	43%	24%	26%	14%	0%
Discipline						
% Penalties & free kicks for	42%	48%	43%	51%	61%	53%
% Penalties & free kicks against	58%	52%	57%	49%	39%	47%
Total Yellow/red cards	4	2	2	5	1	4