



2012/13 HSBC SEVENS STATISTICAL REVIEW

GLASGOW & LONDON

IRB GAME ANALYSIS



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The report comprises a quantitative analysis of all elements of play together with the approach to, and performance of, all participating teams in various aspects of the game.

GLASGOW & LONDON produced the following team highlights:

SCORING

Most tries scored per match – **New Zealand**
Fewest tries conceded per match – **New Zealand**
Most tries conceded per match – **Spain & Portugal**
Fewest tries scored per match – **Spain & Portugal**

Most points scored per match – **New Zealand**
Fewest points conceded per match – **New Zealand**
Best try scoring rate – **New Zealand**
Best try conceding rate – **New Zealand**
Highest conversion success – **Canada**

TRY SCORING

Most tries scored from penalty/free kicks – **Australia**
Most tries scored from restarts – **New Zealand & USA**
Most tries scored from own half – **New Zealand**
Highest % of tries with no rucks in build-up – **Portugal**
Highest % of tries with 3 or fewer passes in build-up – **South Africa**

ACTIVITY/POSSESSION

Highest average possession – **Australia**
Highest passing rate – **Samoa**
Lowest passing rate – **New Zealand**
Highest rucking rate – **Spain**
Lowest rucking rate – **New Zealand**
Highest ruck success – **Russia**
Lowest ruck success – **Fiji**
Most likely to kick – **Argentina**
Least likely to kick – **Scotland**

SET PIECE & DISCIPLINE

Highest contestable restart success – **Kenya**
Most likely to kick contestable restarts – **New Zealand**
Least likely to kick contestable restarts – **USA**
Highest scrum success – **France, Argentina, USA & Canada**
Highest lineout success – **Fiji**
Penalised the least – **Scotland**
Penalised the most – **USA**
Most yellow/red cards – **Russia, New Zealand, England, France, Samoa & Australia**

The above data and more extensive analysis on all participating sevens teams can be found in the following report.

















































STATISTICAL COMPARISON

	2012/13 Glasgow & London 77	2011/12 SWS 392	2010/11 SWS 368
MATCHES			
SCORING			
POINTS (average per game)	36	34	37
TRIES (average per game)	5.8	5.4	5.9
TRY RATE (rate)	1 every 77 secs	1 every 79 secs	1 every 74 secs
CONVERSION SUCCESS (%)	61%	62%	64%
PENALTY / DROP GOALS (total)	2	11	6
MATCHES WON by team scoring most tries (%)	90%	88%	90%
SOURCE OF TRIES - pens/fks (%)	31%	33%	31%
ORIGIN OF TRIES - own Half (%)	46%	44%	44%
BUILD UP TO TRIES – no rucks/mauls (%)	63%	70%	55%
BUILD UP TO TRIES - 3 Or fewer passes (%)	56%	56%	52%
ACTIVITY			
BALL IN PLAY (%)	53%	51%	52%
PASSES (average per game)	68	68	71
5+ PASSING MOVEMENTS (rate)	1 in 7	1 in 7.7	1 in 8.7
RUCKS/MAULS (average per game)	17.2	18	19
RUCK/MAUL RETENTION (%)	82%	84%	85%
KICKS (average per game)	2.6	2.4	2.4
SET PIECE			
CONTESTABLE RESTARTS (%)	68%	70	74%
CONTESTABLE RESTARTS REGAINED (%)	32%	33%	36%
RESTART ERRORS (rate)	1 in 14	17	1 in 20
SCRUMS (average per game)	3.8	4	4
SCRUMS possession retained (%)	95%	94%	91%
LINEOUTS (average per game)	2.2	2	2
LINEOUTS possession retained (%)	77%	74%	74%
QUICK THROWS (total)	1 in 7.7	1 in 13	1 in 10
PENALTIES/FREE KICKS & CARDS			
PENALTIES (average per game)	5.2	6	5.4
CARDS (total)	16	93 + 4	72 + 4

1. SCORING & CONCEDED

The average number of points scored in a match was **35** and the average try scoring rate was one try scored every 77 per seconds. Try scoring rates show how **effective** each team was in **scoring points** and try conceding rates show how **effective** each team was in **restricting points**.

The following table gives the average points and tries scored and conceded and the rates for each participating team.

		Av POINTS SCORED	Av POINTS CONCEDED	Av TRIES SCORED	Av TRIES CONCEDED			TRY SCORING RATE			TRY CONCEDING RATE
	NZL	32.8	8.8	5	1.4		NZL	45		NZL	177
	ENG	22.2	14.6	3.8	2.3		ENG	58		FJI	108
	WAL	19.8	20.3	3	3.2		RUS	62		SA	101
	AUS	19.7	14.3	3.2	2.3		FJI	66		AUS	86
	FJI	19.5	12.3	3	2.2		USA	71		USA	84
	USA	19.4	14.3	3.3	2.3		SA	75		ENG	83
	RUS	18.8	22.7	3.2	3.5		FRA	79		FRA	80
	FRA	17.3	18.2	2.6	2.8		AUS	81		ARG	74
	SA	17.1	13.2	2.9	2.1		KEN	82		KEN	73
	KEN	16.8	17	2.8	2.7		WAL	83		SAM	73
	SCO	16.6	18.2	2.6	3		ARG	87		SCO	72
	ARG	14.6	21.4	2.5	3.4		SCO	92		WAL	68
	CAN	12.8	22.3	1.9	3.7		SAM	103		CAN	67
	SAM	11.7	19.4	1.9	3.2		CAN	105		RUS	67
	SPA	4.8	39.4	0.8	6.2		SPA	274		SPA	40
	POR	2.4	37.8	0.4	6.2		POR	555		POR	35

There were **442** tries giving an average of **5.8** per match. During the *pool stage* there were **250** tries scored (**average – 5.8 per match**) and during the *knockout stages* there were **192** tries scored (**average – 5.6 per match**).

1.1 IMPACT OF TRIES

With 2 penalty goals and a conversion success rate of 61%, it was inevitable that **tries** would determine the winning team in the vast majority of cases – and this proved to be the case.

















Of the 77 matches, **69 (or 90%)** were won by the team scoring the most tries. There were 8 matches where the tries were the same – **2** matches were won by scoring penalty goal and **6** matches were won by conversions.

1.2 POSSESSION SOURCE OF TRIES

The teams obtained possession of the ball prior to the scoring a try from a variety of sources. This is shown in the attached table:

	TRY SOURCE
PENALTY/FREE KICK	31%
TURNOVER	25%
RESTART	18%
SCRUM	13%
LINEOUT	10%
KICK RECEIPT	3%

The following table shows the possession source of tries scored (own) and tries conceded (opp) by each team.

















		PEN & FK		TURNOVER		SCRUM		LINEOUT		KICK		RESTART		TOTAL	
		OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP
	NZL	12	8	19	2	7	1	8	1	4	2	10	3	60	17
	ENG	10	7	12	9	9	3	6	0	0	3	8	5	45	27
	USA	11	12	12	4	5	0	1	4	0	0	10	8	39	28
	AUS	17	6	7	11	6	1	2	3	1	1	5	6	38	28
	KEN	14	7	8	9	3	4	1	7	0	0	8	5	34	32
	FJI	12	10	7	4	3	6	4	0	1	0	6	4	33	24
	WAL	12	8	8	10	4	3	1	5	3	2	5	7	33	35
	SA	14	8	11	3	1	5	3	1	1	0	2	6	32	23
	FRA	5	13	6	6	5	2	6	1	1	2	6	7	29	31
	ARG	6	12	5	8	6	4	2	4	2	2	6	7	27	37
	RUS	8	6	1	5	2	3	1	2	1	2	6	3	19	21
	CAN	2	8	3	9	3	8	2	3	1	0	6	5	17	33
	SAM	5	9	5	9	2	5	4	1	0	1	1	4	17	29
	SCO	5	1	4	7	2	1	0	2	0	0	2	4	13	15
	SPA	1	10	3	5	0	8	0	4	0	0	0	4	4	31
	POR	1	10	0	10	0	4	1	4	0	0	0	3	2	31

1.3 ORIGIN & LOCATION OF TRIES

Tries originate from various parts of the pitch. Of all the tries scored, **46%** originated in the try scoring team's own half and **55%** in the opposition half, with **34%** scored behind the posts.

	TRY ORIGIN LOCATION			TRY SCORING LOCATION	
	OWN HALF	46%		LEFT HAND SIDE OF POSTS	37%
	OPP HALF	54%		BEHIND THE POSTS	34%
				RIGHT HAND SIDE OF POSTS	29%

The following table shows the origin of tries scored (own) and tries conceded (opp) by each team.

		OWN HALF		HW – 10m		10m – 22m		22m - TRY		TOTAL	
		OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP
	NZL	36	6	3		19	3	2	8	60	17
	ENG	20	12	6	3	13	7	6	5	45	27
	USA	19	13	4	0	11	9	5	6	39	28
	AUS	14	17	1	3	8	4	15	4	38	28
	KEN	16	6	3	4	11	12	4	10	34	32
	FJI	16	11	2	1	11	7	4	5	33	24
	WAL	17	21	3	2	9	10	4	2	33	35
	SA	9	13	3	5	11	1	9	4	32	23
	FRA	14	15	4	4	6	9	5	3	29	31
	ARG	8	21	3	3	8	10	8	3	27	37
	RUS	12	12	2	0	5	5	0	4	19	21
	CAN	7	13	4	6	5	8	1	6	17	33
	SAM	5	7	1	4	4	12	7	6	17	29
	SCO	7	8	2	1	2	5	2	1	13	15
	SPA	1	13	1	3		10	2	5	4	31
	POR	1	14		3	1	12	0	2	2	31

1.4 BUILD-UP TO TRIES

The table shows how many **rucks/mauls** preceded each try scored in the tournament.

The table shows that **63%** of tries were preceded by **no** rucks or mauls.

































	%	CUMULATIVE %
None	63%	63%
1 rucks/mauls	23%	85%
2+ rucks/mauls	14%	100%

The next table shows the total number of **passes** that preceded each try scored in the tournament.

The table shows that **56%** of tries were preceded by **3 or fewer** passes.

	%	CUMULATIVE %
No passes	12%	12%
1 - 3 passes	44%	56%
4 - 6 passes	25%	81%
7+ passes	19%	100%

















The figures in the table below are for each team, it includes the % of tries both scored and conceded with no rucks in the build-up and the % of tries scored with 3 or fewer passes.

		% OF TRIES WITH NO RUCKS				% OF TRIES WITH 3 OR FEWER PASSES	
		TRIES SCORED	TRIES CONCEDED			TRIES SCORED	
	POR	100%	61%		SA	78%	
	FJI	82%	58%		SPA	75%	
	SA	81%	43%		ENG	73%	
	SPA	75%	61%		CAN	65%	
	NZL	67%	53%		FJI	64%	
	USA	67%	57%		NZL	60%	
	SAM	65%	83%		KEN	56%	
	ENG	62%	78%		AUS	55%	
	AUS	61%	57%		SAM	53%	
	ARG	59%	62%		POR	50%	
	RUS	58%	67%		USA	49%	
	FRA	55%	48%		SCO	46%	
	CAN	53%	76%		ARG	44%	
	KEN	53%	63%		WAL	42%	
	WAL	48%	63%		RUS	37%	
	SCO	46%	73%		FRA	34%	

2. BALL IN PLAY & POSSESSION

	BALL IN PLAY & POSSESSION
AVERAGE B-I-P	7min 21s
HIGHEST B-I-P	10min 15s
LOWEST B-I-P	5m 13s
HIGHEST POSSESSION TIME	5min 50s
LOWEST POSSESSION TIME	2min 01s

There was a considerable variation between the possession achieved by the various teams. This is shown in the following table which gives the average possession times and percentages achieved by each team and their opponents throughout the 2 legs:

		% OWN POSSESSION	% OPP POSSESSION
	AUS	56%	44%
	KEN	54%	46%
	USA	54%	46%
	ENG	54%	46%
	WAL	53%	47%
	SCO	52%	48%
	SA	51%	49%
	POR	50%	50%
	FRA	48%	52%
	NZL	47%	53%
	SPA	47%	53%
	ARG	46%	54%
	RUS	46%	54%
	FJI	45%	55%
	SAM	45%	55%
	CAN	45%	55%

































3. ACTIVITY

3.1 PASSING

The average number of passes in a game was **70** meaning the average number of passes by a team was **35**. The average passing rate was 9.6 passes per minute's possession. Of all passing movements, **1 in 7** contained 5+ passes.

	PASSES
AVERAGE PASSES	68
PASS RATE	9.6 per min
HIGHEST PASSING MATCH	75
LOWEST PASSING MATCH	11
5+ PASSING MOVEMENTS	1 in 7

The following table gives the average passes and passing rates for each team plus how often each team made 5+ passing movements.

































		PASSING RATE	AVERAGE PASSES			5+ PASSING
	SAM	11.5	37.3		FRA	3.8
	RUS	11.2	36.5		SAM	4.2
	SCO	10.5	41.8		SPA	4.9
	POR	10.3	38.2		SCO	5.1
	SA	10.2	36.9		ARG	5.9
	AUS	10.1	43.1		USA	6.9
	ARG	10.1	36		WAL	7
	WAL	9.9	40.9		AUS	7.4
	SPA	9.7	35.4		NZL	7.6
	FRA	9.7	33.9		SA	7.9
	CAN	9.3	30.8		RUS	8.6
	KEN	9.2	35.8		FJI	8.7
	FJI	8.8	28.4		KEN	8.8
	USA	8.7	33.6		ENG	9.2
	ENG	8.7	30.2		POR	10.8
	NZL	7.9	29.5		CAN	18.5

3.2 RUCKS & MAULS

The average number of rucks/mauls in a game was **17.2** meaning the average number of rucks by a team was **8**. The average rucking rate was 2.4 ruck/mauls per minute's possession. At the breakdown, the team taking in the ball retained possession by either winning the ball or being awarded a penalty on **82%** of occasions.

	RUCKS
AVERAGE RUCKS	17.2
RUCK RATE	2.4 per min
HIGHEST RUCKING MATCH	17
LOWEST RUCKING MATCH	1
SUCCESS %	82%

































The following table gives the average ruck/mauls and rucking rates for each team plus how often each team retained and stole possession.

		RUCKING RATE	AVERAGE RUCKS			SUCCESS % OWN RUCKS	SUCCESS % OPP RUCKS
	SPA	3.2	11.6		RUS	93%	16%
	POR	2.9	10.8		SCO	88%	21%
	CAN	2.9	9.5		AUS	88%	17%
	KEN	2.8	10.8		KEN	86%	18%
	AUS	2.7	11.3		SA	84%	24%
	SCO	2.6	10.4		USA	83%	21%
	WAL	2.6	10.8		FRA	83%	12%
	SAM	2.5	8.5		NZL	82%	21%
	SA	2.5	9.2		ENG	82%	19%
	USA	2.4	9.3		WAL	82%	0%
	RUS	2.3	7.5		ARG	81%	21%
	ARG	2.3	8.2		POR	78%	6%
	FRA	2	6.9		CAN	78%	18%
	ENG	2	6.9		SPA	76%	10%
	FJI	1.5	4.9		SAM	75%	15%
	NZL	1.3	4.8		FJI	67%	14%

3.3 NUMBER OF PLAYERS COMMITTED TO RUCKS – ATTACK & DEFENCE

What became immediately noticeable was that there were clear differences in the approach of the various countries in committing players to the breakdown. While certain teams frequently committed few additional players, other countries consistently committed more. On average, teams committed just one player in attack on 80% of occasions and teams committed just one player in defence on 72% of occasions.

The following table gives the numbers committed in attack and defence for each team.

















		ATTACK				DEFENCE	
		1 PLAYER	2+ PLAYERS			NO PLAYER	1+ PLAYERS
	NZL	89%	11%		RUS	29%	71%
	RUS	89%	11%		SPA	24%	76%
	FJI	87%	13%		AUS	24%	76%
	SAM	87%	13%		SA	21%	79%
	AUS	85%	15%		POR	21%	79%
	SA	85%	15%		FRA	19%	81%
	POR	83%	17%		SCO	18%	82%
	ARG	83%	17%		WAL	16%	84%
	FRA	83%	17%		SAM	14%	86%
	KEN	81%	19%		NZL	13%	87%
	USA	79%	21%		ENG	12%	88%
	WAL	78%	22%		KEN	12%	88%
	CAN	77%	23%		USA	11%	89%
	SCO	77%	23%		CAN	10%	90%
	ENG	76%	24%		ARG	9%	91%
	SPA	74%	26%		FJI	8%	92%

3.4 KICKS

The average number of kicks in a game was **2.6** meaning the average number of kicks by a team was **1**. There were a wide variety of kicks - 28% were **chip** kicks, 33% were **punt** kicks, 14% were **ground** kicks and 25% were **grubber** kicks.

	KICKS
AVERAGE KICKS	2.6
HIGHEST KICKING MATCH	4
LOWEST KICKING MATCH	0

The following table gives the average kicks for each team plus how often each team kicked each type of kick.

































	AVERAGE KICKS	TOTAL CHIPS	TOTAL PUNTS	TOTAL GROUND	TOTAL GRUBBER	TOTAL KICKS
 ARG	2.5	3	9	3	12	27
 ENG	1.9	14	6	1	2	23
 USA	1.8	7	12	2	0	21
 FRA	1.5	4	6	2	5	17
 SA	1.5	3	8	2	3	16
 NZL	1.4	6	2	1	7	16
 SAM	1.3	3		4	5	12
 SPA	1.2	1	2	1	2	6
 WAL	1.2	5	4	2	2	13
 AUS	1.0	1	5	2	4	12
 CAN	1.0	1	3	2	3	9
 FJI	1.0	3	6	2	0	11
 POR	1.0	2	0	1	2	5
 KEN	0.5	0	2	3	1	6
 RUS	0.5	1	1	0	1	3
 SCO	0.4	2	0	0	0	2

4. RESTARTS, SCRUMS & LINEOUTS

































The average number of restarts in a game was **6.8**, the average number of scrums in match was **3.8** and the average number of lineouts per match was **2.2**. This means, restarts are the most common set pieces in sevens rugby.

	RESTARTS	SCRUMS	LINEOUTS
AVERAGE	6.8	3.8	2.2
SUCCESS %	32%	95%	77%

Restarts have been classified into 2 types, contestable and non contestable, **68%** of restarts kicks were **contestable** & **32%** of restarts kicks were **non contestable**. Retention rates reflect the number of times that possession was retained at contestable restarts. Of all contestable restarts, the kicking team regained **32%**.

		OWN RESTARTS REGAIN SUCCESS			OWN RESTARTS	
					CONTESTABLE	NON CONTESTABLE
	KEN	42%		NZL	35	25
	ENG	41%		SA	25	14
	AUS	39%		AUS	15	28
	FRA	36%		FJI	13	28
	POR	33%		ENG	11	37
	RUS	33%		FRA	11	28
	SPA	33%		RUS	11	9
	USA	33%		CAN	7	16
	ARG	32%		WAL	7	33
	CAN	31%		ARG	5	28
	WAL	30%		KEN	5	33
	SAM	30%		SAM	5	20
	FJI	25%		SCO	5	9
	NZL	16%		SPA	5	3
	SA	7%		USA	4	39
	SCO	0%		POR	3	3

Overall Scrum success was **94%** and overall Lineout success was **79%**. Because of the relatively few lineouts by some teams, applying percentages can be misleading. The following table shows the success rates for each team on their own put/throw in.

















		SCRUM			LINEOUT
		OWN			OWN
	NZL	20/22		NZL	12/15
	FJI	31/33		FJI	9/9
	SAM	16/17		SAM	8/10
	AUS	26/28		AUS	17/18
	SA	28/29		SA	8/10
	ENG	24/26		ENG	13/16
	POR	5/5		POR	2/3
	WAL	12/13		WAL	9/12
	SCO	9/10		SCO	4/6
	KEN	21/22		KEN	5/11
	FRA	18/18		FRA	11/16
	SPA	5/5		SPA	0/2
	ARG	18/18		ARG	9/13
	USA	20/20		USA	9/11
	RUS	7/7		RUS	3/4
	CAN	15/15		CAN	11/13

5. DISCIPLINE

The average number of penalties and free kicks per game was 5. Of the penalties awarded, **77%** were awarded at the breakdown, with **59%** of the penalties for the attacking team and **41%** against the attacking team.

	PENS/FKS
AVERAGE PENS/FKS	5.2
HIGHEST IN A MATCH	8
LOWEST IN A MATCH	0

The following table shows the proportion of penalties conceded by a team in all their matches compared with their opponents.

	PENS & FKS FOR	PENS & FKS AGAINST
	%	%
 SCO	69%	31%
 SA	65%	35%
 WAL	60%	40%
 SPA	58%	42%
 AUS	57%	43%
 RUS	57%	43%
 ENG	52%	48%
 FJI	51%	49%
 KEN	49%	51%
 CAN	49%	51%
 POR	46%	54%
 SAM	44%	56%
 ARG	44%	57%
 NZL	39%	62%
 FRA	37%	64%
 USA	35%	65%

5.1.CARDS

There were **16** yellow cards and **0** red cards issued. The offences for which yellow cards were awarded were as follows:

		YELLOW + RED CARDS	OFFENCES
	AUS	2	1 x Tripping, 1 x Late Charge On Kicker
	SAM	2	1 x Player Off Feet, 1 x Dangerous Tackle
	FRA	2	1 x Offside, 1 x Deliberate Knock-On
	ENG	2	2 x Time Wasting
	NZL	2	1 x Deliberate Knock-On, 1 x Player Off Feet
	RUS	2	1 x Hands In Ruck, 1 x Late Charge On Kicker
	SPA	1	1 x Tripping
	USA	1	1 x Throwing Ball To Touch
	POR	1	1 x Time Wasting
	CAN	1	1 x Time Wasting
	KEN	0	
	WAL	0	
	SCO	0	
	FJI	0	
	ARG	0	
	SA	0	