



## **2012/13 HSBC SEVENS STATISTICAL REVIEW**

**WELLINGTON & LAS VEGAS**

IRB GAME ANALYSIS



CONTENTS	
PAGE 1	CURRENT STANDINGS & PLAYER STATISTICS
PAGE 2	MATCH RESULTS
PAGE 3	STATISTICAL COMPARISON SUMMARIES
STATISTICAL REVIEW & MATCH ANALYSIS	
PAGE 5	SCORING & CONCEDED
PAGE 6	TRY SCORING
PAGE 10	BALL IN PLAY & POSSESSION
PAGE 11	ACTIVITY
PAGE 15	RESTARTS, SCRUMS & LINEOUTS
PAGE 16	PENALTIES & FREE KICKS
PAGE 17	CARDS



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.

**Wellington & Las Vegas** produced the following team highlights:

## SCORING

Most tries scored per match – **Australia**  
Fewest tries conceded per match – **South Africa & New Zealand**  
Most tries conceded per match – **Uruguay**  
Fewest tries scored per match – **Uruguay**

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

## TRY SCORING

Most tries scored from penalty/free kicks – **South Africa**  
Most tries scored from restarts – **Samoa**  
Most tries scored from own half – **Fiji**  
Highest % of tries with no rucks in build-up – **Fiji**  
Highest % of tries with 3 or fewer passes in build-up – **Canada**

## ACTIVITY/POSSESSION

Highest average possession – **Kenya**  
Highest passing rate – **Samoa & Uruguay**  
Lowest passing rate – **Spain & England**  
Highest rucking rate – **Uruguay**  
Lowest rucking rate – **Fiji**  
Highest ruck success – **Samoa**  
Lowest ruck success – **Fiji**  
Most likely to kick – **Argentina**  
Least likely to kick – **Kenya**

## SET PIECE & DISCIPLINE

Highest contestable restart success – **Uruguay**  
Most likely to kick contestable restarts – **Samoa**  
Least likely to kick contestable restarts – **Uruguay**  
Highest scrum success – **Samoa & South Africa**  
Highest lineout success – **Canada**  
Penalised the least – **Australia**  
Penalised the most – **Uruguay**  
Most yellow/red cards – **Fiji**

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






















































## STATISTICAL COMPARISON

	2012/13 Wellington & LV 90	2011/12 SWS 392	2010/11 SWS 368
<b>MATCHES</b>			
<b>SCORING</b>			
<b>POINTS</b> (average per game)	33	34	37
<b>TRIES</b> (average per game)	5.2	5.4	5.9
<b>TRY RATE</b> (rate)	1 every 82 secs	1 every 79 secs	1 every 74 secs
<b>CONVERSION SUCCESS</b> (%)	63%	62%	64%
<b>PENALTY / DROP GOALS</b> (total)	3	11	6
<b>MATCHES WON</b> by team scoring most tries (%)	84%	88%	90%
<b>SOURCE OF TRIES</b> - pens/fks (%)	35%	33%	31%
<b>ORIGIN OF TRIES</b> - own Half (%)	45%	44%	44%
<b>BUILD UP TO TRIES</b> – no rucks/mauls (%)	59%	70%	55%
<b>BUILD UP TO TRIES</b> - 3 Or fewer passes (%)	59%	56%	52%
<b>ACTIVITY</b>			
<b>BALL IN PLAY</b> (%)	51%	51%	52%
<b>PASSES</b> (average per game)	64	68	71
<b>5+ PASSING MOVEMENTS</b> (rate)	1 in 9.0	1 in 7.7	1 in 8.7
<b>RUCKS/MAULS</b> (average per game)	18.4	18	19
<b>RUCK/MAUL RETENTION</b> (%)	83%	84%	85%
<b>KICKS</b> (average per game)	1.2	2.4	2.4
<b>SET PIECE</b>			
<b>CONTESTABLE RESTARTS</b> (%)	63%	70	74%
<b>CONTESTABLE RESTARTS REGAINED</b> (%)	33%	33%	36%
<b>RESTART ERRORS</b> (rate)	1 in 9	17	1 in 20
<b>SCRUMS</b> (average per game)	3.8	4	4
<b>SCRUMS</b> possession retained (%)	94%	94%	91%
<b>LINEOUTS</b> (average per game)	2.6	2	2
<b>LINEOUTS</b> possession retained (%)	74%	74%	74%
<b>QUICK THROWS</b> (total)	1 in 9	1 in 13	1 in 10
<b>PENALTIES/FREE KICKS &amp; CARDS</b>			
<b>PENALTIES</b> (average per game)	6.6	6	5.4
<b>CARDS</b> (total)	32	93 + 4	72 + 4

## 1. SCORING & CONCEDED

The average number of points scored in a match was **33** and the average try scoring rate was one try scored every 82 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
	AUS	23	13	3.7	2.1		FJI	59		NZL	132
	NZL	21	11	3.4	1.8		AUS	59		SA	128
	SA	21	12	3.5	1.8		SA	61		AUS	99
	ARG	21	16	1.8	2.5		CAN	64		SAM	97
	CAN	21	14	3.3	2.3		NZL	66		ARG	96
	FJI	20	18	3.2	2.8		SAM	71		FRA	94
	SAM	20	13	3.1	2.1		FRA	72		CAN	94
	FRA	19	15	3	2.3		ENG	80		FJI	85
	ENG	17	18	2.7	2.7		TON	95		SCO	80
	KEN	15	16	2.5	2.7		SPA	96		ENG	77
	SCO	14	16	2.2	2.7		ARG	97		TON	72
	WAL	13	23	2	3.5		USA	99		KEN	70
	USA	13	18	2.2	2.9		KEN	105		SPA	70
	SPA	12	20	2	3.1		SCO	105		POR	68
	TON	12	22	2	3.3		WAL	121		USA	65
	POR	11	17	1.7	2.7		POR	124		WAL	57
	URU	2	27	0.3	4.5		URU	555		URU	48

There were **470** tries giving an average of **5.2** per match. During the *pool stage* there were 230 tries scored (**average – 4.8 per match**) and during the *knockout stages* there were **240** tries scored (**average – 5.8 per match**).

### 1.1 IMPACT OF TRIES

With 3 penalty goals and a conversion success rate of 63%, 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 90 matches, **76 (or 84%)** were won by the team scoring the most tries. There were 14 matches where the tries were the same – **2** matches were won by scoring penalty goals, **11** matches were won by conversions and **1** match was drawn.

## 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	35%
TURNOVER	18%
RESTART	18%
SCRUM	13%
LINEOUT	11%
KICK RECEIPT	4%

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


















		PEN & FK		TURNOVER		RESTART		SCRUM		LINEOUT		KICK		TOTAL	
		OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP	OWN	OPP
	AUS	14	7	10	9	7	4	7	2	3	2	3	1	44	25
	NZL	11	9	12	3	6	4	6	3	4	2	2	0	41	21
	CAN	18	11	6	4	7	8	3	4	5	1	1	0	40	28
	SA	19	8	3	3	4	7	7	1	5	1	1	0	39	20
	FJI	9	10	8	4	10	7	7	6	3	5	1	2	38	34
	SAM	9	8	5	3	12	7	5	3	5	3	1	1	37	25
	FRA	11	11	8	2	3	3	3	5	6	2	2	2	33	25
	ENG	8	9	10	9	6	3	1	3	3	3	2	3	30	30
	KEN	9	10	4	7	2	2	6	4	5	5	1	2	27	30
	SCO	5	11	6	8	7	6	2	3	5	3	1	1	26	32
	USA	14	10	1	9	2	4	3	2	1	4	1	0	22	29
	WAL	9	12	3	3	7	10	3	8	0	4	0	1	22	38
	ARG	9	7	3	6	2	3	1	5	3	4	2	3	20	28
	SPA	7	15	3	5	4	3	2	3	3	5	1	0	20	31
	POR	8	7	2	4	2	7	2	3	2	4	1	2	17	27
	TON	4	7	0	2	1	1	5	5	1	4	1	1	12	20
	URU	1	13	0	3	1	4	0	3	0	2	0	2	2	27

### 1.3 ORIGIN & LOCATION OF TRIES

Tries originate from various parts of the pitch. Of all the tries scored, **42%** originated in the try scoring team's own half and **58%** in the opposition half, with **35%** scored behind the posts.

	TRY ORIGIN LOCATION		TRY SCORING LOCATION
OWN HALF	45%	LEFT HAND SIDE OF POSTS	34%
OPP HALF	55%	BEHIND THE POSTS	35%
		RIGHT HAND SIDE OF POSTS	31%

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
	AUS	12	15	3	0	12	7	17	3	44	25
	NZL	18	10	6	1	11	3	6	7	41	21
	CAN	14	14	3	0	12	9	11	5	40	28
	SA	16	8	1	3	12	7	10	2	39	20
	FJI	20	14	3	4	8	10	7	6	38	34
	SAM	16	16	2	1	13	7	6	1	37	25
	FRA	14	10	4	4	11	4	4	7	33	25
	ENG	15	13	2	3	4	7	9	7	30	30
	KEN	14	10	5	2	6	5	2	13	27	30
	SCO	15	14	1	1	9	6	1	11	26	32
	WAL	8	20	1	4	7	10	6	4	22	38
	USA	10	6	2	4	2	8	8	11	22	29
	SPA	10	12	1	5	5	8	4	6	20	20
	ARG	7	15	2	1	5	8	6	4	20	28
	POR	12	16	1	2	2	4	2	5	17	27
	TON	8	8	1	2	0	8	3	2	12	20
	URU	2	10	0	1	0	8	0	8	2	27

## 1.4 BUILD-UP TO TRIES

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

The table shows that **59%** of tries were preceded by **no** rucks or mauls.



































	%	CUMULATIVE %
None	59%	59%
1 rucks/mauls	23%	82%
2+ rucks/mauls	18%	100%

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

The table shows that **59%** of tries were preceded by **3 or fewer** passes.

	%	CUMULATIVE %
No passes	13%	13%
1 - 3 passes	46%	59%
4 - 6 passes	23%	82%
7+ passes	18%	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	
	FJI	74%	46%		CAN	75%	
	NZL	73%	33%		ENG	73%	
	CAN	70%	54%		USA	73%	
	ENG	67%	73%		ARG	70%	
	SAM	62%	40%		FJI	63%	
	FRA	61%	44%		FRA	61%	
	AUS	59%	60%		NZL	59%	
	TON	58%	45%		TON	58%	
	ARG	55%	54%		AUS	57%	
	SCO	54%	59%		SA	54%	
	WAL	50%	55%		SCO	50%	
	URU	50%	70%		SPA	50%	
	USA	50%	79%		URU	50%	
	POR	47%	70%		WAL	50%	
	SA	46%	70%		SAM	49%	
	SPA	45%	58%		POR	47%	
	KEN	44%	70%		KEN	37%	



## 2. BALL IN PLAY & POSSESSION

	BALL IN PLAY & POSSESSION
AVERAGE B-I-P	7min 08s
HIGHEST B-I-P	8min 54s
LOWEST B-I-P	5m 26s
HIGHEST POSSESSION TIME	6min 03s
LOWEST POSSESSION TIME	1min 33s

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
	KEN	58%	42%
	WAL	55%	45%
	USA	54%	46%
	POR	53%	47%
	SAM	52%	48%
	SCO	52%	48%
	AUS	51%	49%
	ENG	51%	49%
	FRA	50%	50%
	CAN	49%	51%
	NZL	49%	51%
	SA	48%	52%
	SPA	47%	53%
	URU	46%	54%
	TON	44%	56%
	FIJ	44%	56%
	ARG	42%	58%



































### 3. ACTIVITY

#### 3.1 PASSING

The average number of passes in a game was **64** meaning the average number of passes by a team was **32**. The average passing rate was 6.7 passes per minute's possession. Of all passing movements, **1 in 8.4** contained 5+ passes.

	PASSES
AVERAGE PASSES	64
PASS RATE	9.0 per min
HIGHEST PASSING MATCH	126
LOWEST PASSING MATCH	12
5+ PASSING MOVEMENTS	1 in 9.2

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	10.3	37.6		USA	20.0
	URU	10.3	31.8		URU	15.2
	TON	9.9	31.7		ARG	14.4
	ARG	9.8	28.7		SPA	12.4
	NZL	9.5	35.5		ENG	12.2
	KEN	9.4	40.3		WAL	11.5
	SCO	9.3	35.2		SA	10.1
	SA	9.1	32.5		NZL	9.2
	FJI	9.1	28.3		POR	8.8
	AUS	9.0	32.4		CAN	8.8
	CAN	8.8	31.3		AUS	8.6
	POR	8.7	30.6		SAM	8.2
	WAL	8.4	33.9		TON	8.0
	FRA	8.3	30.0		SCO	7.6
	USA	7.9	28.7		FRA	7.5
	ENG	7.8	28.4		KEN	6.8
	SPA	7.8	25.0		FIJ	5.3

### 3.2 RUCKS & MAULS

The average number of rucks/mauls in a game was **17** meaning the average number of rucks by a team was **8.5**. The average rucking rate was 2.5 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 **80%** of occasions.

	RUCKS
AVERAGE RUCKS	18.4
RUCK RATE	2.7 per min
HIGHEST RUCKING MATCH	26
LOWEST RUCKING MATCH	1
SUCCESS %	83%




















































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
	URU	3.6	11.1		SAM	86%	21%
	SPA	3.4	10.9		ARG	84%	16%
	USA	3.4	12.2		USA	84%	18%
	WAL	3.2	13.1		WAL	84%	17%
	KEN	3.0	12.8		TON	83%	16%
	POR	2.9	10.3		URU	83%	16%
	AUS	2.8	10.2		SA	83%	17%
	CAN	2.8	9.9		KEN	82%	21%
	SA	2.8	10.1		SCO	81%	18%
	SCO	2.7	10.3		POR	80%	21%
	ARG	2.6	7.7		AUS	80%	20%
	FRA	2.6	9.2		ENG	80%	15%
	TON	2.5	7.8		CAN	80%	12%
	ENG	2.5	9.1		SPA	79%	16%
	SAM	2.3	8.6		FRA	76%	18%
	NZL	2.2	8.2		NZL	69%	18%
	FIJ	1.4	4.2		FIJ	65%	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 83% of occasions and teams committed just one player in defence on 81% of occasions.

The following table gives the numbers committed in attack and defence for each team plus how often each team created tackle only situations.


















		ATTACK				DEFENCE				DEFENCE	
		1 PLAYER	2+ PLAYERS			NO PLAYER	1+ PLAYERS			TACKLE ONLY	
	AUS	94%	6%		CAN	29%	71%		KEN	4.2	
	SAM	91%	9%		ENG	27%	73%		SAM	3.3	
	SA	90%	10%		AUS	21%	79%		SCO	3.1	
	SCO	90%	10%		KEN	19%	81%		POR	2.7	
	POR	89%	11%		FIJ	18%	82%		URU	2.5	
	ARG	87%	13%		SPA	16%	84%		AUS	2.0	
	CAN	87%	13%		WAL	16%	84%		SA	1.9	
	FIJ	86%	14%		FRA	15%	85%		TON	1.8	
	NZL	86%	14%		SA	14%	86%		USA	1.8	
	URU	85%	15%		URU	14%	86%		WAL	1.6	
	KEN	84%	16%		SAM	14%	86%		ARG	1.4	
	USA	81%	19%		TON	12%	88%		FRA	1.4	
	TON	81%	19%		SCO	12%	88%		CAN	1.3	
	FRA	79%	21%		ARG	10%	90%		SPA	1.3	
	SPA	79%	21%		NZL	10%	90%		NZL	1.2	
	WAL	75%	25%		POR	10%	90%		ENG	0.8	
	ENG	73%	27%		USA	6%	94%		FIJ	0.5	

### 3.4 KICKS

The average number of kicks in a game was **2.5** meaning the average number of kicks by a team was **1**. There were a wide variety of kicks - 29% were **chip** kicks, 32% were **punt** kicks, 14% were **ground** kicks and 25% were **grubber** kicks.

	KICKS
AVERAGE KICKS	1.2
HIGHEST KICKING MATCH	5
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	2.1	3	7	1	12	23
	FIJ	1.9	8	6	3	6	23
	URU	1.7	1	5	2	2	10
	ENG	1.6	4	6	2	5	17
	SPA	1.3	7	4	2		13
	FRA	1.3	7	3	1	3	14
	WAL	1.2		7	1	5	13
	TON	1.2	2	1		4	7
	USA	1.1		8	1	2	11
	SA	1.1	3	7		2	12
	POR	1.0	3	2	2	3	10
	SAM	1.0	2	7		3	12
	SCO	1.0	2	4	3	3	12
	AUS	0.8		7		3	10
	CAN	0.8	3	4	2		9
	NZL	0.5	2	3	1		6
	KEN	0.4	1	2		1	4

## 4. RESTARTS, SCRUMS & LINEOUTS

The average number of restarts in a game was **6.3**, the average number of scrums in match was **3.8** and the average number of lineouts per match was **2.6**. This means, restarts are the most common set pieces in sevens rugby.

	RESTARTS	SCRUMS	LINEOUTS
AVERAGE	6.3	3.8	2.6
SUCCESS %	21%	94%	79%

Restarts have been classified into 2 types, contestable and non contestable, **63%** of restarts kicks were **contestable** & **37%** 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 **33%** or **1 in 3**.

		OWN RESTARTS REGAIN SUCCESS			OWN RESTARTS	
					CONTESTABLE	NON CONTESTABLE
	URU	50%		SAM	40	3
	SCO	46%		FJI	29	19
	USA	45%		CAN	28	18
	SA	44%		ENG	28	6
	SAM	40%		FRA	28	16
	NZL	38%		SCO	26	10
	POR	37%		WAL	24	6
	ENG	36%		NZL	24	22
	TON	33%		USA	22	5
	AUS	30%		ARG	21	4
	SPA	30%		SPA	20	6
	CAN	29%		POR	19	6
	WAL	29%		KEN	18	13
	KEN	28%		TON	12	5
	ARG	24%		AUS	10	32
	FRA	21%		SA	9	35
	FJI	21%		URU	2	4

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	25/26		NZL	11/15
	FJI	24/25		FJI	8/12
	SAM	22/22		SAM	7/10
	AUS	20/24		AUS	20/23
	SA	19/19		SA	18/19
	ENG	17/20		ENG	11/12
	POR	16/16		POR	9/14
	WAL	22/23		WAL	2/5
	SCO	17/18		SCO	17/24
	KEN	25/26		KEN	10/14
	FRA	15/16		FRA	14/16
	SPA	21/22		SPA	10/12
	URU	12/15		URU	7/10
	ARG	16/17		ARG	12/16
	USA	18/18		USA	10/14
	TON	13/16		TON	3/4
	CAN	17/18		CAN	20/20

## 5. DISCIPLINE

The average number of penalties and free kicks per game (not inc restart free kicks) was 6. Of the penalties awarded, **75%** were awarded at the breakdown, with **51%** of the penalties for the attacking team and **49%** against the attacking team.

	PENS/FKS
AVERAGE PENS/FKS	6.6
HIGHEST IN A MATCH	13
LOWEST IN A MATCH	1


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
		%	%
	AUS	62%	38%
	WAL	59%	41%
	NZL	59%	41%
	KEN	53%	47%
	SA	53%	47%
	SCO	52%	48%
	ARG	51%	49%
	FIJ	49%	51%
	CAN	48%	52%
	POR	48%	52%
	SAM	47%	53%
	SPA	47%	53%
	ENG	47%	53%
	FRA	46%	54%
	USA	45%	55%
	TON	34%	66%
	URU	30%	70%



## 5.1.CARDS

There were **32** yellow cards and **0** red cards issued. The offences for which yellow cards were awarded were as follows:

		YELLOW + RED CARDS	OFFENCES
	FJI	4	2 x Dangerous High Tackle, 1 x Punching/Striking, 1 x Not Rolling Away
	SPA	3	1 x Unsportsmanlike Behaviour, 1 x Repeated Infringement, 1 x Not Back 10m
	ENG	3	2 x Dangerous Tackle, 1 x Playing Opp w/o Ball
	WAL	3	1 x Dangerous High Tackle, 1 x Dangerous Play, 1 x Playing Opp W/O Ball
	SCO	3	1 x Dangerous Lifting Tackle, 1 x Offside TRM, 1 x Deliberate Knock-On
	CAN	3	1 x Not Back 10m, 1 x Not Rolling Away, 1 x Repeated Infringement
	URU	3	1 x Offside TRM, 1 x Not Back 10m, 1 x Dangerous Tackle
	FRA	2	1 x Dangerous Lifting Tackle, 1 x Repeated Infringement
	TON	2	1 x Dangerous High Tackle, 1 x Deliberate Knock-On
	KEN	2	1 x Playing Ball On Ground, 1 x Deliberate Knock-On
	SAM	2	1 x Unsportsmanlike Behaviour, 1 x Offside TRM
	ARG	1	1 x Unsportsmanlike Behaviour
	POR	1	1 x Not Back 10m
	AUS	1	1 x Obstruction
	NZL	1	1 x Dangerous Charging
	USA	1	1 x Offside TRM
	SA	0	