BRC RAM™ NOVEMBER `18 RELEASE







TRENDING...



Jan'18-Jun'18 (sample=30,440 diaries)

Apr'18-Sep'18 (sample=30,418 diaries)



BRC RAM[™] - VITAL SIGNS

BRC RAM[™] AT A GLANCE...



Re-weighted to population	Weighting variables	Annual universe update	
	Province	00000000000000000000000000000000000000	
	👔 Area type	00000000000000000000000000000000000000	
410/2000/ 210/	💇 Gender	00000000000000000000000000000000000000	
41 70 28% 31%	📖 Age	<u> 22222222222222</u>	
Metro Urban Rural	Race	IHS population estimates	

UNIVERSE UPDATE...



AREA TYPE...





RACE...



BRC RAM[™] – VITAL SIGNS...

Population (Age 15+): 40,1 million

 $\int \langle \Lambda \rangle$

Random selection, household flooding





30,418 Individuals



Apr'18-Sep'18 sample

BRC RAM[™] – VITAL SIGNS...

Consistent area split (sample frame)

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60% Metro



20% Rural

Stations included

2016	2017	2018	
39	39	39	Commercial and PBS stations
274	264	266	Community stations

6 months sample:

An additional 5 stations can be reported in Q2Q3 as they have a sample greater than 40, with 6 moving off the reporting list.

WEIGHTING

 $-\sqrt{/}$

A skewed sample can distort the outcome



1 Girl likes Pink

WEIGHT DATA

Results 20 girls like pink

So..... All girls like Pink



7 boys likes Blue 3 boys like green

WEIGHT DATA

Results 12 boys like blue 8 boys like green

So..... 60% of boys like blue

BRC RAM sample **CLOSELY REFLECTS** the South African population



WEIGHTING 101...

We weight to make our sample **LOOK LIKE THE UNIVERSE** the survey is meant to represent

REASONS WHY the sample drawn is not completely representative of the universe:

- Drawn sample does NOT FULLY MATCH the population (e.g. disproportionate area sample in RAM – METRO = 60% / URBAN = 20% / RURAL = 20%)
- 2. To compensate for **NON-RESPONSE OR OVER-REPRESENTATION** of sub-groups (e.g. race or gender)

To weight means that we **MULTIPLY EACH RESPONDENT** by a factor to either increase or decrease their contribution to the total. In other words, to get them back into the **CORRECT PROPORTIONS AS PER POPULATION**



THE SAMPLE...



BRC RAM Weighting Process





Checks on applied weights – weighting input, convergence individual weights, weighting efficiency

BRC RAM WEIGHTING VARIABLES...





Area

R = Rural

M = Metro







Province

- GP = Gauteng
- KZN KwaZulu Natal U = Urban
- WC = Western Cape
- EC = Eastern Cape
- LP = Limpopo
- MP = Mpumalanga
- NW = North West
- FS = Free State
- NC = Northern Cape

Population Group	Gender	Age
B = Black	F = Female	15-24
C = Coloured	M = Male	25-34
I = Indian		35-49
W = White		50-64
		65+



RIM WEIGHTS...

BRC RAM RIM variables:



WEIGHTING CALC EXAMPLE (to population)...

Weight = Want Got

	IHS Population	Actual sample	Weight
Black	31,085,000	250	124,340
White	3,700,000	150	24,667
Coloured	3,606,000	100	36,060
Asian	1,082,000	100	10,820



How do we know whether these weights are too high? Need to check against **SAMPLE BALANCE WEIGHT**

WEIGHTING CALC EXAMPLE (to population)...

Weight = $\frac{Want}{Got}$

	IHS Population	Our sample	Weight	Sample balance weight	
Black	31,085,000	250	124,340	1.8900	
White	3,700,000	150	24,667	0.3749	
Coloured	3,606,000	100	36,060	0.5481	
Asian	1,082,000	100	10,820	0.1645	
Total	39,473,000	600	65,788	1.0000	
$\frac{124,340}{65,788} = 1.8900$					

The **SAMPLE BALANCE WEIGHT** basically provides an "effective weight", i.e. shows to what extent we had to re-proportion the sample to match the universe

How do sample size changes impact the weighted output?

If a RIM is locked, the weighted output will be consistent

Sample base size (n=)	Jan-Jun'16	Apr-Sep'16	Jul-Dec'16
В	9,333	9,463	8,867
W	1,208	1,313	1,001
Ι	320	298	148
С	360	340	312

For example Gauteng Metro Race (each race group has its own RIM):

Weighted output (`000s)	Jan-Jun'16	Apr-Sep'16	Jul-Dec'16
В	6,560	6,560	6,560
W	1,280	1,280	1,280
Ι	292	292	292
С	301	301	301

How do sample size changes impact the weighted output?

If a RIM is NOT locked, the weighted output will differ depending on the base size

This occurs most often when cells are collapsed

For example Gauteng Urban Race (Black had its own RIM, WCI had its own RIM):

Sample base size (n=)	Jan-Jun'16	Apr-Sep'16
В	825	884
W	81	54
Ι	11	11
С	13	17
		-
Weighted output (`000s)	Jan-Jun'16	Apr-Sep'16
В	1,207	1,207
W	210	181
Ι	26	26
С	28	58

WEIGHTING...



Average weighting efficiency

89%	88%	88%	87%	87%	86%
JAN'17-	APR'17-	JUL'17-	Oct'17-	Jan'18-	Apr'18-
JUN'17	SEP'17	DEC'17	Mar'18	Jun'18	Sep'18

Weighting is not a 'corrective' factor, it is a 'sample balancing' factor

BRC RAM has high **efficiencies**, **meaning results are more** reflective of the **SA population**



KEY SOUNDBITES





RADIO REACH is ...



90% weekly reach = 35.6 million listeners listening anytime in the week

71% daily reach (Mon-Fri) = 28.0 million listeners on an average weekday





89% weekly reach = 35.7 million listeners listening anytime in the week

70% daily reach (Mon-Fri) = 27.9 million listeners on an average weekday

... EVERYWHERE!



LONG LISTENING...



HEAVY LISTENING...



LOYAL LISTENERS...



DEVICE captures HOW...



Source: BRC RAM[™] Apr'18-Sep'18 (n=30,418)

LOCATION captures WHERE...



PROGRAMME INSIGHTS

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NEW INSIGHTS...



PROGRAMME INSIGHTS...



LISTEN TO/MOST OFTEN...



Source: BRC RAM[™] Apr'18-Sep'18, Main Respondents
BRC RAM[™] SEM PROFILES BY PROVINCE

SEM 1 – RADIO LISTENERS

Population: 3.3 million (9%)



SEM 2 – RADIO LISTENERS

Population: 5.2 million (15%)



SEM 3 – RADIO LISTENERS

Population: 4.5 million (13%)



SEM 4 – RADIO LISTENERS





SEM 5 – RADIO LISTENERS





SEM 6 – RADIO LISTENERS

Province Area 35 58 34 16 17 % 10 8 7 5 Δ 1 ■ Urban Metro Rural **KZN** GP EC WC LP MP NW FS NC **Devices** 84 84 36 38 25 24 15 15 3 3 Radio Cellphone Vehicle radio Computer TV

Population: 3.6 million (10%)

SEM 7 – RADIO LISTENERS

Province Area 40 63 32 17 15 % 8 5 Δ 3 Rural Urban Metro **KZN** GP EC WC LP MP NW FS NC **Devices** 84 84 36 35 30 29 12 12 Radio Cellphone Vehicle radio Computer TV

Population: 3.8 million (11%)

SEM 8 – RADIO LISTENERS

Province Area 46 63 32 18 14 % 5 3 4 4 2 Rural Urban Metro **KZN** GP EC WC LP MP NW FS NC **Devices** 000000 82 81 42 39 31 28 13 11 3 3 Radio Cellphone Vehicle radio Computer TV

Population: 2.9 million (8%)

SEM 9 – RADIO LISTENERS



Population: 2.2 million (6%)

SEM 10 – RADIO LISTENERS

Province Area 42 74 20 26 17 % 7 5 2 0 Rural Urban Metro **KZN** GP EC WC LP MP NW FS **Devices** 81 80 61 59 15 14 8 3 5 Radio Cellphone Vehicle radio Computer TV

Population: 3.0 million (9%)

■Jan'18-Jun'18 ■Apr'18-Sep'18

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NC

BRC RAM[™] SEM PROFILES BY STATION

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Commercial and PBS





49

Commercial and PBS





50

Commercial and PBS





51

Commercial and PBS





52

Commercial and PBS





53

Commercial and PBS





54

Commercial and PBS





55

Community





56

Community





57

Community



Community





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Community



60

DEVICE & LOCATION

 $\sum_{i=1}^{n} \sum_{i=1}^{n} \sum_{i$

Commercial and PBS



Commercial and PBS



Commercial and PBS



Commercial and PBS



Community



Community



Community





Commercial and PBS



Commercial and PBS



Commercial and PBS



Commercial and PBS


Station listening by **LOCATION**

Community



Source: BRC RAM[™] Apr'18-Sep'18 (National: n=30,418) Stations ranked on avg. daily audience (Mon-Sun)

Station listening by **LOCATION**

Community



Source: BRC RAM[™] Apr'18-Sep'18 (National: n=30,418) Stations ranked on avg. daily audience (Mon-Sun)

Station listening by **LOCATION**

Community





Work/University/ College

Restaurant/Shopping centre/ Airport

THE PROVINCES



Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Eastern Cape: n=4,032)

EASTERN CAPE - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Free State: n=1,292)

FREE STATE - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Gauteng: n=10,654)

GAUTENG - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (KwaZulu-Natal: n=4,531)

KWAZULU-NATAL - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Limpopo: n=2,192)

LIMPOPO - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Mpumalanga: n=1,554)

MPUMALANGA - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (North West: n=1,188)

NORTH WEST - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Northern Cape: n=548)

NORTHERN CAPE - SHARE





Radio listening by ¼ hour – National; Ave ¼ hour (Mon – Fri; Sat – Sun) Source: BRC RAM[™] Apr'18-Sep'18 (Western Cape: n=4,427)

WESTERN CAPE - SHARE



KEY STATION MEASURES (THE CURRENCY)

JAN'18-JUN'18 APR'18-SEP'18

SIGNIFICANCE CALCULATOR

JAN'18-JUN'18 APR'18-SEP'18

THE BRC RAM SIGNIFICANCE CALCULATOR

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How do I know if the results for my Station Listenership has **significantly increased** or **decreased** from **Jan'18–Jun'18** to **Apr'18-Sep'18?**

1.

Go to the BRC website: www.brcsa.org.za



On the Menu, hover with your mouse over the Radio Research and click on the BRC RAM Significance Calculator

Confidence Interval Significance Test



On the top left hand side of the screen, choose the tab called "Significance Test"



Look under the most recent BRC RAM surveys and choose the 2 Survey Periods you want to compare eg. Survey Period 1: Jan'18 – Jun'18 & Survey Period 2: Apr'18 – Sep18



- Choose the Sample Size, n=30 440
- Choose the Population Size, n=39 473
- Choose your Station Listeners from your report in '000s

For Survey Period 2: Apr'18 – Sep'18

- Choose the Sample Size, n=30 418
- Choose the Population Size, n=40 073
- Choose your Station Listeners from your report in '000s



Follow the instructions and:

- Input the Sample Size, Population Size and your Station Listeners for Period 1
- Input the Sample Size, Population Size and your Station Listeners for Period 2
- Press Enter



Look under Results for the Output:

- "The change in listenership is Not Significant at the 95% confidence level" OR
- "The change in listenership is Significantly Lower at the 95% confidence level" OR
- "The change in listenership is Significantly Higher at the 95% confidence level"



Commercial and PBS

	Avg. daily cume (Mon-Sun) ('000s)		One week cume ('000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18
Ukhozi	5,327	5,452	7,504	7,603
Umhlobo Wenene	3,856	3,847	5,394	5,307
Metro FM	2,436	2,379	4,267	4,211
Thobela FM	1,978	2,001	2,643	2,672
Lesedi FM	2,063	1,999	3,084	3,052
Motsweding FM	1,523	1,444	2,356	2,224
Gagasi	1,012	1,009	1,654	1,602
RSG	959	932	1,339	1,299
Munghana Lonene	727	833	985	1,115
Ikwekwezi	823	778	1,125	1,057

Source: BRC RAM^M Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418)

Commercial and PBS



Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418); ranked on Avg. daily cume

Commercial and PBS

	Avg. da (Mon-Su	Avg. daily cume (Mon-Sun) ('000s)		One week cume ('000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18	
Phalaphala	721	753	984	992	
Ligwalagwala	814	727	1,161	1,076	
East Coast Radio	644	708	1,032	1,078	
947	647	659	994	985	
Jacaranda FM	645	587	985	967	
Heart FM	503	511	715	748	
KFM	515	501	806	764	
Кауа	515	481	897	865	
5FM	384	373	670	679	
YFM	358	348	603	580	

Source: BRC RAM^M Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418)

Commercial and PBS

			[]	
	Exclusive listeners (%)		Avg. hrs p.d	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18
Phalaphala	87	85	3h36	3h42
Ligwalagwala	56	55	2h54	2h42
East Coast Radio	46	55	1h42	2h00
947	37	36	1h36	1h42
Jacaranda FM	45	48	2h06	1h48
Heart FM	49	47	2h18	2h18
KFM	40	38	1h48	1h54
Кауа	20	22	1h24	1h18
5FM	26	26	1h18	1h18
YFM	29	32	1h30	1h36

Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418); ranked on Avg. daily cume

Commercial and PBS

	Avg. daily cume (Mon-Sun) ('000s)		One week cume ('000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18
702	298	319	479	524
Good Hope	257	289	441	487
Algoa FM	296	272	455	410
Radio 2000	221	256	393	465
OFM	127	145	205	241
Vuma	136	140	239	236
Capricorn	147	125	221	174
Smile	133	110	187	175
trufm	98	102	195	194
SAfm	80	86	161	147

Source: BRC RAM^M Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418)

Commercial and PBS



Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418); ranked on Avg. daily cume

Commercial and PBS

	Avg. daily cume (Mon-Sun) ('000s)		One week cume ('000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18
North West FM	63	78	137	146
Lotus FM	90	73	158	127
Power	73	68	126	124
CapeTalk	57	44	76	57
Rise*			88	62
LM Radio*			61	59
Classic FM*			50	60
Magic828 AM*			8	6
X-K FM*			1	5

*Small base station <n=40

Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418)

Commercial and PBS



Community

	Avg. da (Mon-Su	Avg. daily cume (Mon-Sun) (`000s)		One week cume ('000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18	
Jozi	376	333	618	551	
Voice of the Cape	127	142	165	190	
Kasie	99	124	185	212	
Radio Tygerberg	115	121	165	187	
Radio Zibonele	99	115	238	269	
CCFM	104	109	157	159	
Alfred Nzo	69	107	131	179	
Mkhondo	76	104	111	155	
Thetha	87	90	177	179	
Voice of Tembisa	78	84	137	152	

Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418)

Community



Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418); ranked on Avg. daily cume

Community

	Avg. da (Mon-Su	Avg. daily cume (Mon-Sun) ('000s)		One week cume (`000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18	
Inkonjane	75	82	136	124	
Unitra (UCR-FM)	108	82	207	153	
Kurara	61	81		111	
Izwi LoMzansi	77	77	121	120	
Moretele	93	75	140	113	
Kouga	0	72	42	87	
Mahikeng	83	70	141	114	
Forte	91	68	157	120	
Eden	88	63	126	99	
Vukani	61	59	135	113	

Source: BRC RAM^M Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418)
KEY STATION MEASURES

Community



Source: BRC RAM[™] Jan'18-Jun'18 (National: n=30,440) and Apr'18-Sep'18 (National: n=30,418); ranked on Avg. daily cume

KEY STATION MEASURES

Community

	Avg. daily cume (Mon-Sun) ('000s)		One of curre (One week cume (`000s)	
	Jan'18-Jun'18	Apr'18-Sep'18	Jan'18-Jun'18	Apr'18-Sep'18	
Hindvani	71	53	103	76	
Nguna	45	53	88	88	
Icora	0	52	57	100	
Giyani (GCR)	46	51	70	74	
Star	56	48	84	81	

KEY STATION MEASURES

Community



STATION DASHBOARDS



TRENDING: OCT '16 -MAR '17/ JAN-JUN '17/ APR-SEP '17/ JUL'17-DEC'17



Source: BRC RAM Apr'18-Sep'18 Axes may vary between stations and measures Note: All percentages do not add to 100% due to rounding off Content

sample= 512

%

36

%

1

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HAPPY HOLIDAYS!

TNS



