

## Number and characteristics of radio sites

TABLE 1 Number and characteristics of sites for UK analogue radio stations, 2007

Sites	Number of ... Stations	Transmitter height (m)			ERP‡ (kW)			Total MCA§ ('000)	
		Maximum	Average*	Std dev†	Maximum	Average*	Std dev†	Average*	Std dev†
<i>AM-only radio stations</i>									
1	11	63.1		32.2	1.8		2.9	2,775.2	3,454.1
2	4	35.6	31.5	12.5	0.6	0.5	0.4	3,187.5	3,518.4
3	1 (Sunshine)	49.0	39.0	16.5	0.5	0.3	0.2	289.9	272.4
4	1 (Capital Gold)¶¶	83.0	57.0	30.5	0.5	0.4	0.1	988.0	54.3
5	1 (Premier)	51.0	36.3	10.4	1.0	0.6	0.3	7,664.6	N/A
10	1 (Classic Gold)¶¶	76.0	49.2	18.0	1.0	0.5	0.3	N/A	N/A
25	1 (Gold)¶¶	83.0	54.9	13.9	97.5	4.6	19.4	821.1	512.9
29	1 (TalkSport)	152.0	62.6	39.4	500.0	54.2	134.6	N/A	N/A
<i>FM-only radio stations</i>									
1	166	48.9		45.3	0.6		1.2	453.6	830.0
2	44	68.4	51.5	43.5	1.2	0.7	1.5	396.1	477.0
3	24	87.1	52.6	45.1	2.0	0.9	1.6	546.5	1,179.7
4	10	138.5	65.4	64.0	3.7	1.2	2.4	1,065.8	1,665.6
5	8	95.6	51.5	57.9	2.0	0.7	1.4	822.2	1,255.7
6	3 (Smooth, Energy, GWR)	106.3	71.3	65.0	5.9	2.1	3.7	2,396.6	2,068.4
7	2 (Kiss, NECR)	193.5	85.4	90.8	10.5	2.7	5.6	2,457.9	2,914.9
9	1 (KMFM)	170.0	53.9	44.7	0.3	0.1	0.1	118.0	57.4
10	1 (Galaxy)	305.0	118.7	104.3	5.0	1.8	2.2	2,028.0	866.9
16	1 (Real Radio)	305.0	95.7	82.4	10.0	1.9	3.0	2,215.1	879.9
42	1 (Classic FM)	283.0	61.6	58.6	125.0	3.7	17.3	N/A	N/A

Hybrid AM/FM radio stations#										
2	2 (LBC, Sunrise)	111.0	84.0	43.8	74.3	37.7	59.2	5,858.7	3,688.0	
4	6~	153.4	72.7	63.5	6.4	2.2	4.2	536.7	312.1	
6	2 (Fresh, Moray Firth)	122.3	35.3	54.3	3.0	0.8	1.4	186.3	11.1	
8	1 (Downtown)	77.0	39.4	21.4	5.0	1.8	2.1	761.5♦	N/A	
11	1 (Magic)	146.0	63.4	29.9	2.0	0.8	0.7	1,914.7	1,961.1	
35	1 (Virgin)	163.6	65.3	46.0	200.0	19.2	46.7	7,045.7★	N/A	

Source: Ofcom and CC analysis.

\*Average per station, hence not applicable to stations with just one site.

†Standard deviation (over sites for transmitter height and ERP, and over stations for MCA).

‡Effective radiated power.

§Total measured coverage area for station (adult population).

¶Gold was created by merging the Capital Gold and Classic Gold networks and launched on 3 August 2007.

#For Fresh, 3 AM sites and 3 FM sites. For Moray Firth, 1 AM site and 5 FM sites. For Downtown, 1 AM site and 7 FM sites. For Magic, 10 AM sites and 1 FM site. For Virgin, 34 AM sites and 1 FM site.

~Forth (1 AM, 3 FM), Manx (1 AM, 3 FM), North Sound (1 AM, 3 FM), Signal (1 AM, 3 FM), Tay (2 AM, 2 FM) and West Sound (1 AM, 3 FM).

★MCA for Virgin FM only.

♦MCA for Downtown FM only.

Note: N/A = not available.

TABLE 2 **Number and characteristics of UK DAB commercial multiplexes, 2007**

<i>Number</i>	<i>Multiplex Type</i>	<i>Sites</i>		<i>Radio stations</i>		<i>PPA* ('000)</i>	
		<i>Average</i>	<i>Std dev</i>	<i>Average</i>	<i>Std dev</i>	<i>Average</i>	<i>Std dev</i>
1	National	124.0		8.0		N/A	
6	Regional	8.0	2.1	9.2	0.4	3,160	1,502
42	Other, of which:	3.9	3.3	10.2	2.1	1,533	2,322
3	London	13.7	6.4	11.7	1.5	9,538	474
5	Other metropolitan	3.2	0.8	10.0	2.0	1,818	459
34	Local	3.1	1.3	10.1	2.1	785	496

Source: Ofcom and CC analysis.

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\*Primary protected area, which is the population able to receive the radio broadcast without interference (ie it is a measure of coverage).