

Cellular subscribers

World

	Cellular mobile subscribers					As % of total telephone subscribers 1998
	(k)		CAGR (%)	Per 100 inhabitants	% Digital	
	1997	1998	1997-98	1998	1998	
1 Algeria	17.4	18.0	3.4	0.06	-	1.2
2 Angola	7.1	9.8	39.3	0.08	-	13.1
3 Benin	4.3	6.3	46.4	0.11	-	14.1
4 Botswana	-	23.0	-	1.46	100.0	18.4
5 Burkina Faso	1.5	2.7	81.6	0.02	100.0	6.2
6 Burundi	0.6	0.6	0.2	0.01	-	3.4
7 Cameroon	4.2	5.0	19.0	0.03	...	5.1
8 Cape Verde	-	1.0	5'000.0	0.24	100.0	2.5
9 Central African Rep.	1.4	1.6	19.2	0.05	-	14.6
10 Chad	-	-	-	-	-	-
11 Comoros	-	-	-	-	-	-
12 Congo	...	3.4	...	0.12	100.0	13.4
13 Côte d'Ivoire	36.0	91.2	153.4	0.64	100.0	34.9
14 D.R. Congo	8.9	10.0	12.4	0.02	...	33.3
15 Djibouti	0.2	0.2	8.4	0.04	-	2.7
16 Egypt	65.4	90.8	38.9	0.15	92.0	2.2
17 Equatorial Guinea	0.3	0.3	-1.0	0.07	-	5.1
18 Eritrea	-	-	-	-	-	-
19 Ethiopia	-	-	-	-	-	-
20 Gabon	9.5	9.7	2.0	0.83	100.0	20.0
21 Gambia	4.7	5.0	6.6	0.41	-	16.5
22 Ghana	21.9	41.8	90.9	0.22	...	22.5
23 Guinea	2.9	21.6	652.0	0.28	98.5	37.0
24 Guinea-Bissau	-	-	-	-	-	-
25 Kenya	6.8	10.8	58.9	0.04	65.7	3.6
26 Lesotho	3.5	9.8	180.9	0.48	100.0	31.9
27 Liberia	-	-	-	-	-	-
28 Libya	10.0	20.0	100.0	0.36	100.0	3.8
29 Madagascar	4.1	12.8	211.8	0.08	76.3	21.3
30 Malawi	7.0	10.5	50.0	0.11	100.0	21.9
31 Mali	2.8	4.5	57.4	0.04	-	14.2
32 Mauritania	-	-	-	-	-	-
33 Mauritius	42.5	60.4	42.2	5.21	43.3	19.8
34 Mayotte	-	-	-	-	-	-
35 Morocco	74.5	116.6	56.6	0.42	95.5	7.7
36 Mozambique	2.5	6.7	169.0	0.04	100.0	8.2
37 Namibia	12.5	19.5	56.0	1.17	100.0	15.6
38 Niger	0.1	1.3	1'276.5	0.01	-	6.9
39 Nigeria	15.0	20.0	33.3	0.02	-	4.7
40 Réunion	26.7	50.3	88.4	7.38	100.0	17.2
41 Rwanda	-	5.0	-	0.08	100.0	31.6
42 S. Tomé & Príncipe	-	-	-	-	-	-
43 Senegal	6.9	27.5	296.0	0.31	100.0	16.5
44 Seychelles	2.2	5.2	131.0	6.58	100.0	21.7
45 Sierra Leone	-	-	-	-	-	-
46 Somalia	-	-	-	-	-	-
47 South Africa	1'574.0	2'600.0	65.2	6.17	100.0	33.9
48 Sudan	3.8	8.6	126.3	0.03	100.0	5.0
49 Swaziland	-	4.7	-	0.49	100.0	13.9
50 Tanzania	20.2	37.9	87.8	0.12	31.6	23.8
51 Togo	3.0	7.5	150.4	0.17	100.0	19.3
52 Tunisia	7.7	39.0	409.1	0.42	78.6	4.9
53 Uganda	5.0	30.0	500.0	0.14	100.0	34.5
54 Zambia	4.5	8.3	81.5	0.09	...	9.6
55 Zimbabwe	5.7	19.0	231.4	0.17	100.0	7.4
Africa	2'027.3	3'478.0	71.4	0.46	93.6	17.2
56 Antigua & Barbuda	1.4	1.5	7.1	2.06	...	4.2
57 Argentina	1'588.0	2'530.0	59.3	7.00	...	25.7
58 Aruba	3.4	5.4	58.1	5.72	...	13.3
59 Bahamas	6.2	8.1	31.2	2.73	12.0	7.1
60 Barbados	8.0	12.0	49.8	4.48	-	9.6
61 Belize	3.0	3.6	18.6	1.56	-	9.9
62 Bermuda	10.3	12.6	22.3	19.64	-	19.0
63 Bolivia	118.4	239.3	102.0	3.01	28.0	34.6
64 Brazil	4'550.0	7'368.2	61.9	4.44	17.2	26.9
65 Canada	4'265.8	5'365.5	25.8	17.74	26.2	21.8
66 Chile	409.7	964.2	135.3	6.50	...	24.0
67 Colombia	1'264.8	1'800.2	42.3	4.41	-	22.0
68 Costa Rica	64.4	108.8	68.9	2.83	-	12.8
69 Cuba	3.0	4.1	35.5	0.04	-	1.0
70 Dominica	0.6	0.7	16.9	0.86	100.0	3.1
71 Dominican Rep.	141.6	209.4	47.9	2.56	4.2	21.3

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	1997	1998	1997-98	1998	1998	
72 Ecuador	126.5	242.8	91.9	1.99	55.0	19.7
73 El Salvador	40.2	137.1	241.4	2.27	-	26.2
74 French Guiana	-	4.0	-	2.40	100.0	7.9
75 Grenada	1.0	1.4	44.5	1.53	-	4.9
76 Guadeloupe	...	14.2	...	3.21	...	6.7
77 Guatemala	64.2	111.4	73.6	1.03	-	17.7
78 Guyana	1.4	1.5	3.9	0.17	-	2.4
79 Haiti	-	10.0	-	0.13	...	13.3
80 Honduras	14.4	34.9	141.9	0.56	-	12.3
81 Jamaica	66.0	78.6	19.1	3.10	...	14.5
82 Martinique	15.0	55.0	266.7	14.14	100.0	24.2
83 Mexico	1'740.8	3'349.5	92.4	3.50	...	25.2
84 Neth. Antilles	14.5	16.0	10.3	7.52	-	17.0
85 Nicaragua	7.6	18.3	142.2	0.39	100.0	11.5
86 Panama	18.5	85.9	363.2	3.10	100.0	17.0
87 Paraguay	84.2	231.5	174.8	4.43	...	47.0
88 Peru	421.8	735.8	74.4	2.97	...	32.1
89 Puerto Rico	367.0	580.0	58.0	15.03	...	31.5
90 St. Kitts and Nevis	0.2	0.4	114.6	1.13	-	2.3
91 St. Lucia	1.6	1.9	18.8	1.25	-	4.5
92 St. Vincent	0.3	0.8	116.8	0.67	...	3.4
93 Suriname	2.3	6.0	166.0	1.45	39.4	8.2
94 Trinidad & Tobago	17.1	26.3	53.5	2.05	10.0	9.1
95 United States	55'312.3	69'209.3	25.1	25.61	28.9	27.8
96 Uruguay	99.3	154.5	55.6	4.70	...	15.8
97 Venezuela	1'071.9	2'009.8	87.5	8.65	...	43.7
98 Virgin Islands (US)	16.0	25.0	56.3	21.13	...	27.8
Americas	71'942.7	95'775.3	33.1	11.91	24.1	27.0
99 Afghanistan	-	-	-	-	-	-
100 Armenia	5.0	7.0	40.0	0.20	100.0	1.2
101 Azerbaijan	40.0	65.0	62.5	0.85	83.1	8.7
102 Bahrain	58.5	92.1	57.3	14.34	100.0	36.9
103 Bangladesh	26.0	75.0	188.5	0.06	67.7	15.4
104 Bhutan	-	-	-	-	-	-
105 Brunei Darussalam	45.0	49.1	9.2	15.60	...	38.7
106 Cambodia	33.6	61.3	82.8	0.54	88.7	71.7
107 China	13'233.0	23'863.0	80.3	1.90	72.3	21.4
108 D.P.R. Korea	-	-	-	-	-	-
109 Georgia	30.0	60.0	100.0	1.10	95.0	8.7
110 Hongkong SAR	2'229.9	3'174.4	42.4	47.77	100.0	46.0
111 India	881.8	1'195.4	35.6	0.12	100.0	5.2
112 Indonesia	916.2	1'065.8	16.3	0.52	88.3	16.1
113 Iran (I.R.)	238.9	390.0	63.2	0.63	100.0	5.0
114 Iraq	-	-	-	-	-	-
115 Israel	1'672.4	2'147.0	28.4	35.88	76.7	43.2
116 Japan	38'253.9	47'307.6	23.7	37.43	99.2	41.2
117 Jordan	45.0	82.4	83.0	1.35	100.0	13.9
118 Kazakhstan	11.2	29.7	165.1	0.18	-	1.6
119 Korea (Rep.)	6'878.8	14'018.6	103.8	30.19	96.0	41.1
120 Kuwait	210.0	250.0	19.0	13.80	72.0	36.9
121 Kyrgyzstan	-	1.4	-	0.03	...	0.4
122 Lao P.D.R.	4.9	6.5	31.3	0.12	100.0	18.5
123 Lebanon	373.9	505.3	35.1	15.84	100.0	44.9
124 Macao SAR	50.6	82.1	62.2	19.07	71.2	32.1
125 Malaysia	2'000.0	2'200.0	10.0	10.11	72.7	33.4
126 Maldives	1.3	1.6	24.0	0.62	-	7.4
127 Mongolia	2.0	9.0	351.6	0.39	100.0	8.0
128 Myanmar	8.5	8.5	0.3	0.02	92.4	3.6
129 Nepal	-	-	-	-	-	-
130 Oman	59.8	103.0	72.2	4.33	...	31.9
131 Pakistan	135.0	206.9	53.2	0.16	30.0	7.0
132 Philippines	1'343.6	1'733.7	29.0	2.38	46.6	41.0
133 Qatar	43.5	65.8	51.3	11.36	95.7	30.4
134 Saudi Arabia	332.1	627.3	88.9	3.11	97.5	22.4
135 Singapore	848.6	1'094.7	29.0	28.32	98.7	38.1
136 Sri Lanka	114.9	174.2	51.6	0.94	17.0	25.0
137 Syria	-	-	-	-	-	-
138 Taiwan-China	1'491.6	4'727.0	216.9	21.56	66.6	29.1
139 Tajikistan	0.3	0.4	31.3	0.01	-	0.2
140 Thailand	2'203.9	1'977.0	-10.3	3.33	29.8	28.2
141 Turkmenistan	2.5	3.0	20.0	0.07	...	0.8
142 United Arab Emirates	309.4	493.3	59.4	20.96	96.9	35.0

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	1997	1998	1997-98	1998	1998		
143	Uzbekistan	17.2	26.8	55.7	0.11	...	1.7
144	Viet Nam	160.5	222.7	38.8	0.29	96.0	11.3
145	West Bank and Gaza	40.0	100.0	150.0	3.45	...	37.4
146	Yemen	12.2	16.1	31.9	0.10	-	6.1
	Asia	74'365.6	108'319.8	45.7	3.08	87.5	29.2
147	Albania	3.3	5.6	69.7	0.15	100.0	4.6
148	Andorra	8.6	14.1	63.8	18.82	100.0	30.0
149	Austria	1'159.7	2'292.9	97.7	28.17	91.3	36.5
150	Belarus	8.2	12.2	48.8	0.12	-	0.5
151	Belgium	974.5	1'756.3	80.2	17.32	99.5	25.8
152	Bosnia	9.0	25.2	179.8	0.69	100.0	7.0
153	Bulgaria	70.0	127.0	81.4	1.52	39.4	4.4
154	Croatia	120.4	182.5	51.6	4.07	61.4	10.5
155	Cyprus	92.0	116.4	26.6	17.48	92.9	22.3
156	Czech Republic	526.3	965.5	83.4	9.39	93.4	20.5
157	Denmark	1'444.0	1'931.1	33.7	36.44	91.5	35.6
158	Estonia	144.2	247.0	71.3	17.04	94.3	33.1
159	Faroe Islands	4.7	6.5	38.6	14.75	-	21.3
160	Finland	2'162.6	2'946.9	36.3	57.11	88.2	50.8
161	France	5'817.3	11'210.1	92.7	19.20	98.3	24.7
162	Germany	8'276.0	13'913.0	68.1	16.96	97.4	23.0
163	Greece	937.7	2'047.0	118.3	19.31	100.0	27.0
164	Greenland	6.5	8.9	37.3	15.88	3.3	26.3
165	Guernsey	7.8	11.7	49.8	18.81	100.0	19.5
166	Hungary	705.8	1'070.2	51.6	10.50	91.3	23.8
167	Iceland	65.4	104.3	59.5	37.88	75.0	36.9
168	Ireland	533.0	946.0	77.5	25.53	81.1	37.2
169	Italy	11'737.9	20'489.0	74.6	35.72	82.6	44.1
170	Jersey	12.0	18.3	52.1	19.96	100.0	21.0
171	Latvia	77.1	167.5	117.2	6.81	91.8	18.4
172	Lithuania	165.3	267.6	61.9	7.23	94.9	19.4
173	Luxembourg	67.2	130.5	94.2	30.41	100.0	30.8
174	Malta	17.7	22.5	27.4	5.87	42.6	10.5
175	Moldova	2.2	7.0	218.2	0.16	50.0	1.1
176	Netherlands	1'717.0	3'351.0	95.2	21.26	97.3	26.4
177	Norway	1'676.8	2'106.4	25.6	47.38	85.3	41.8
178	Poland	812.2	1'928.0	137.4	4.98	92.8	18.0
179	Portugal	1'507.0	3'074.6	104.0	30.81	100.0	42.8
180	Romania	201.0	643.0	219.9	2.86	98.1	15.2
181	Russia	484.9	747.2	54.1	0.51	50.5	2.5
182	Slovak Republic	200.1	465.4	132.5	8.63	94.6	23.2
183	Slovenia	93.6	161.6	72.6	8.11	73.6	18.2
184	Spain	4'337.7	7'051.3	62.6	17.91	87.3	30.2
185	Sweden	3'169.0	4'109.0	29.7	46.41	87.7	40.8
186	Switzerland	1'044.4	1'698.6	62.6	23.84	97.6	25.8
187	TFYR Macedonia	12.4	30.1	143.4	1.50	100.0	6.4
188	Turkey	1'609.8	3'506.1	117.8	5.48	96.5	17.1
189	Ukraine	57.2	115.5	101.9	0.23	30.7	1.2
190	United Kingdom	8'841.0	14'878.0	68.3	25.12	91.2	31.2
191	Yugoslavia	87.0	240.0	175.9	2.26	96.3	9.4
	Europe	61'007.4	105'148.4	72.4	13.24	91.1	26.1
192	Australia	4'578.0	4'918.0	7.4	26.26	73.1	34.0
193	Fiji	5.2	8.0	53.8	1.01	100.0	9.4
194	French Polynesia	5.4	11.1	103.8	4.83	100.0	17.2
195	Guam	5.7	12.8	126.3	7.97	...	14.6
196	Kiribati	-	-	-	0.03	-	0.8
197	Marshall Islands	0.5	0.3	-26.0	0.57	-	8.4
198	Micronesia	-	-	-	-	-	-
199	New Caledonia	5.2	13.0	150.9	6.33	100.0	20.9
200	New Zealand	566.2	790.0	39.5	20.83	24.9	29.7
201	Northern Marianas
202	Papua New Guinea	3.9	5.6	44.1	0.12	-	8.9
203	Samoa	1.5	3.0	94.2	1.72	-	26.1
204	Solomon Islands	0.7	0.7	6.7	0.17	-	8.2
205	Tonga	0.1	0.1	8.3	0.13	100.0	1.5
206	Vanuatu	0.2	0.2	6.3	0.12	-	4.1
	Oceania	5'172.6	5'762.9	11.4	19.50	66.4	32.9
	World	214'515.6	318'484.5	48.5	5.40	69.3	27.3

Note: For data comparability and coverage, see the technical notes.
Figures in italics are estimates or refer to years other than those specified.

Source: ITU.