

14. Information technology

WTI

	Internet				PCs	
	Hosts	Hosts per	Users	Users per	Total	Per 100
	Total 2003	10'000 inhab. 2003	(000s) 2003	100 inhab. 2003	(k) 2003	inhab. 2003
1 Algeria	866	0.27	650.0	2.05	265	0.83
2 Angola	17	0.01	84.0	0.59	27 [02]	0.19
3 Benin	854	1.22	70.0	1.00	26	0.37
4 Botswana	1'920	10.91	60.0	3.41	75	4.26
5 Burkina Faso	442	0.36	48.0	0.39	26	0.21
6 Burundi	22	0.03	14.0	0.20	13	0.18
7 Cameroon	477	0.29	100.0	0.62	120	0.74
8 Cape Verde	63	1.37	20.0	4.36	41	8.94
9 Central African Rep.	6	0.01	6.0	0.14	10	0.24
10 Chad	11	0.01	30.0	0.37	14	0.17
11 Comoros	11	0.14	5.0	0.63	5	0.58
12 Congo	46	0.13	15.0	0.43	15	0.43
13 Côte d'Ivoire	3'791	2.28	240.0	1.44	201	1.21
14 D.R. Congo	153	0.03	50.0 [02]	0.09	...	...
15 Djibouti	670	10.03	6.5	0.97	15	2.17
16 Egypt	3'338	0.49	3'000.0	4.37	2'000	2.91
17 Equatorial Guinea	3	0.06	3.0	0.55	5	0.92
18 Eritrea	1'045	2.55	9.5	0.23	12	0.29
19 Ethiopia	9	-	75.0	0.11	150	0.22
20 Gabon	283	2.12	35.0	2.62	30	2.24
21 Gambia	568	4.16	35.0	2.57	21	1.54
22 Ghana	389	0.18	250.0	1.17	96	0.45
23 Guinea	372	0.48	40.0	0.52	43	0.55
24 Guinea-Bissau	2	0.02	19.0	1.48	...	...
25 Kenya	8'325	2.63	1'000.0	3.15	300	0.95
26 Lesotho	119	0.55	30.0	1.38	...	...
27 Liberia	14	0.04	1.0 [01]	0.03	...	...
28 Libya	67	0.12	160.0	2.89	130 [02]	2.34
29 Madagascar	773	0.47	70.5	0.43	80	0.49
30 Malawi	18	0.02	36.0	0.34	16	0.15
31 Mali	187	0.17	35.0	0.32	25	0.23
32 Mauritania	25	0.09	12.0	0.44	35	1.27
33 Mauritius	3'985	32.64	150.0	12.29	190	15.56
34 Mayotte	-	-	...	...	...	...
35 Morocco	3'561	1.18	1'000.0	3.32	600	1.99
36 Mozambique	3'249	1.75	83.0	0.45	96	0.52
37 Namibia	3'164	16.44	65.0	3.38	191	9.93
38 Niger	134	0.11	19.0	0.15	8	0.07
39 Nigeria	1'094	0.09	750.0	0.61	860	0.70
40 Réunion	20	0.26	180.0	23.81	240	31.68
41 Rwanda	1'495	1.78	31.0	0.37	...	...
42 S. Tomé & Príncipe	1'069	70.33	15.0	9.87	...	...
43 Senegal	672	0.65	225.0	2.17	220	2.12
44 Seychelles	264	31.89	12.0	14.50	14	16.91
45 Sierra Leone	277	0.56	9.0	0.18	...	...
46 Somalia	4	-	90.0	0.75	25	0.21
47 South Africa	288'633	62.25	3'325.0	7.17	3'513	7.58
48 Sudan	-	-	937.0	2.81	348	1.05
49 Swaziland	1'401	13.42	27.0	2.59	30	2.87
50 Tanzania	5'534	1.57	250.0	0.71	200	0.57
51 Togo	82	0.16	210.0	4.20	160	3.20
52 Tunisia	271	0.27	630.0	6.38	400	4.05
53 Uganda	2'561	1.00	125.0	0.49	103	0.40
54 Zambia	1'880	1.68	110.0	0.98	95	0.85
55 Zimbabwe	4'501	3.83	800.0	6.80	620	5.27
Africa	348'737	4.15	15'252.5	1.82	11'707	1.53

		<i>Internet</i>				<i>PCs</i>	
		<i>Hosts</i>	<i>Hosts per</i>	<i>Users</i>	<i>Users per</i>	<i>Total</i>	<i>Per 100</i>
		<i>Total</i>	<i>10'000 inhab.</i>	<i>(000s)</i>	<i>100 inhab.</i>	<i>(k)</i>	<i>inhab.</i>
		<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	
56	Antigua & Barbuda	1'665	211.83	14.0	17.81	...	...
57	Argentina	742'358	196.03	4'530.0	11.96	3'000 [02]	8.00
58	Aruba	3'630	330.00	24.0 [01]	22.64	...	...
59	Bahamas	302	9.52	84.0	26.49	...	...
60	Barbados	204	7.56	100.0	37.08	31	11.49
61	Belize	2'613	100.50	30.0	11.54	35 [02]	13.51
62	Bermuda	8'808	1'346.79	36.0	55.05	34 [02]	52.31
63	Bolivia	7'080	8.42	310.0	3.69	190 [02]	2.28
64	Brazil	3'163'349	179.33	18'000.0	10.20	15'648	8.87
65	Canada	3'210'081	1'010.67	17'600.0	55.41	16'485	51.90
66	Chile	202'429	132.91	4'000.0	26.26	2'000	13.13
67	Colombia	115'158	26.30	2'732.2	6.24	2'528	5.77
68	Costa Rica	10'826	25.96	900.0	21.58	910	21.82
69	Cuba	1'529	1.35	98.0	0.87	270	2.39
70	Dominica	681	95.36	16.0	22.41	10	13.30
71	Dominican Rep.	64'197	73.99	650.0	7.49	...	...
72	Ecuador	3'188	2.43	569.7	4.35	540	4.12
73	El Salvador	4'084	6.15	550.0	8.29	220	3.31
74	French Guiana	1	0.06	31.0	17.12	31	17.12
75	Grenada	18	1.60	19.0	16.90	15	13.35
76	Guadeloupe	434	9.87	63.0	14.33	90	20.47
77	Guatemala	20'360	16.53	550.0	4.47	200	1.62
78	Guyana	613	6.90	140.0	15.76	26	2.93
79	Haiti	-	-	150.0	1.89	...	...
80	Honduras	1'944	2.86	185.5	2.73	100	1.47
81	Jamaica	1'480	5.60	800.0	30.28	153	5.79
82	Martinique	318	8.11	80.0	20.40	80	20.40
83	Mexico	1'333'406	130.57	12'218.8	11.96	10'000	9.79
84	Neth. Antilles	124	5.57	...	...	...	...
85	Nicaragua	7'094	12.84	100.0	1.81	173	3.13
86	Panama	7'129	22.88	260.0	8.34	120	3.85
87	Paraguay	9'243	15.59	120.0	2.02	267	4.50
88	Peru	65'868	24.02	2'850.0	10.39	1'758	6.41
89	Puerto Rico	85	0.22	764.0	19.70	...	...
90	St. Kitts and Nevis	51	10.65	10.0 [02]	21.41	10	20.88
91	St. Lucia	41	2.53	34.0	20.95	25	15.40
92	St. Vincent	4	0.34	7.0	5.88	15	12.61
93	Suriname	18	0.37	23.0	4.78	20 [01]	4.25
94	Trinidad & Tobago	8'003	61.42	153.0	11.74	103	7.90
95	United States	162'208'993	5'577.84	161'632.4	55.58	178'000 [01]	62.44
96	Uruguay	87'630	271.20	530.0	16.40	410	12.69
97	Venezuela	35'301	13.74	1'934.8	7.53	1'815	7.07
98	Virgin Islands (US)	3'783	341.73	30.0 [02]	27.27
	Americas	171'334'123	1'991.37	232'929.5	27.08	235'312	28.25

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99 Afghanistan	4	-	20.0	0.10
100 Armenia	2'080	5.47	140.0	3.68	103	2.71
101 Azerbaijan	571	0.69	350.0	4.23	123	1.49
102 Bahrain	1'334	19.22	150.0	21.61	114	16.42
103 Bangladesh	1	-	243.0	0.18	1'050	0.78
104 Bhutan	985	13.41	15.0	2.04	10	1.36
105 Brunei Darussalam	6'409	176.90	48.0	13.25	29	8.00
106 Cambodia	818	0.58	35.0	0.25	32	0.23
107 China	160'421	1.24	79'500.0	6.15	50'410	3.90
108 D.P.R. Korea	...	...	- [01]	-	...	...
109 Georgia	4'927	10.07	117.0	2.39	172	3.52
110 Hong Kong, China	591'993	869.29	3'212.8	47.18	3'777	55.46
111 India	86'871	0.82	18'481.0	1.75	9'375	0.89
112 Indonesia	62'036	2.88	8'080.0	3.76	2'759	1.28
113 Iran (I.R.)	5'052	0.76	4'800.0	7.24	6'000	9.05
114 Iraq	1	-	30.0	0.12	200 [02]	0.83
115 Israel	435'625	643.87	2'500.0	36.95	1'620	23.94
116 Japan	12'962'065	1'015.68	61'640.0	48.30	52'011	40.75
117 Jordan	3'123	5.70	444.0	8.11	245	4.47
118 Kazakhstan	21'339	13.47	300.0	1.89	...	...
119 Korea (Rep.)	3'822'613	798.89	29'220.0	61.07	24'248	50.68
120 Kuwait	2'709	10.90	567.0	22.82	400	16.10
121 Kyrgyzstan	5'705	11.33	200.0	3.97	75	1.49
122 Lao P.D.R.	937	1.65	19.0	0.33	20	0.35
123 Lebanon	7'552	21.58	500.0	14.29	350	10.00
124 Macao, China	89	1.98	120.0	26.76	117	26.09
125 Malaysia	107'971	43.10	8'643.0	34.50	4'200	16.77
126 Maldives	532	18.55	17.0	5.93	27	9.41
127 Mongolia	40	0.16	142.8	5.81	190	7.73
128 Myanmar	3	-	28.0	0.05	300	0.56
129 Nepal	917	0.39	100.0	0.42	100	0.42
130 Oman	726	3.10	210.0	8.97	106	4.53
131 Pakistan	15'124	1.01	1'600.0	1.07	600 [01]	0.42
132 Palestine	...	...	145.0	4.01	143	3.95
133 Philippines	27'996	3.45	4'000.0	4.93	2'847	3.51
134 Qatar	221	3.13	140.8	19.93	121	17.13
135 Saudi Arabia	15'830	7.02	1'500.0	6.66	5'045	22.38
136 Singapore	484'825	1'155.31	2'135.0	50.88	2'590 [02]	62.20
137 Sri Lanka	1'882	0.98	250.0	1.30	325	1.69
138 Syria	11	0.01	610.0	3.48	500	2.85
139 Taiwan, China	2'777'085	1'228.55	11'740.0	51.94	10'655	47.14
140 Tajikistan	75	0.11	4.1	0.06	...	...
141 Thailand	103'700	16.74	6'971.5	11.26	3'024	4.88
142 Turkmenistan	544	1.12	20.0	0.41	...	...
143 United Arab Emirates	56'169	139.02	1'373.2	33.99	450 [02]	11.99
144 Uzbekistan	1'040	0.41	492.0	1.92	...	...
145 Viet Nam	340	0.04	3'500.0	4.30	914	1.12
146 Yemen	138	0.07	120.0	0.60	200	0.99
Asia	21'780'429	58.86	254'474.3	6.83	185'577	5.12

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		<i>Total</i>	<i>10'000 inhab.</i>	<i>(000s)</i>	<i>100 inhab.</i>	<i>(k)</i>	<i>inhab.</i>
		<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>
147	Albania	250	0.81	30.0	0.98	36 [02]	1.17
148	Andorra	4'138	491.45	10.0	11.93	...	...
149	Austria	575'903	707.49	3'730.0	45.82	4'500	55.28
150	Belarus	4'971	5.03	1'607.0	16.28	...	...
151	Belgium	210'168	202.62	4'000.0	38.56	3'300	31.81
152	Bosnia	7'233	18.87	150.0	3.91	...	...
153	Bulgaria	49'969	64.05	1'545.1	19.81	432	5.54
154	Croatia	29'644	67.77	1'014.0	23.18	800	18.29
155	Cyprus	5'778	80.44	250.0	34.81	219	30.49
156	Czech Republic	276'186	270.73	3'100.3	30.39	2'100	20.59
157	Denmark	1'248'296	2'312.67	3'034.0	56.21	3'314	61.40
158	Estonia	64'048	474.08	600.0	44.41	595	44.04
159	Faroe Islands	2'584	542.05	28.0	58.74	...	...
160	Finland	1'271'634	2'436.55	2'560.0	49.05	2'405	46.08
161	France	2'403'459	401.24	21'900.0	36.56	25'000	41.74
162	Germany	2'603'007	315.39	33'000.0	39.98	40'000	48.47
163	Greece	195'291	170.46	1'718.4	15.00	942	8.22
164	Greenland	2'616	456.54	31.0	54.10	...	...
165	Guernsey	1'734	310.75	33.0	59.14	...	...
166	Hungary	369'720	365.44	2'400.0	23.72	1'274	12.59
167	Iceland	109'521	3'789.65	195.0	67.47	134	46.37
168	Ireland	158'832	399.19	1'260.0	31.67	1'824	45.84
169	Italy	626'536	108.23	22'880.0	39.52	15'480	26.74
170	Jersey	1'672	190.00	20.0	22.73	...	...
171	Latvia	41'263	177.92	936.0	40.36	436	18.80
172	Lithuania	66'373	192.16	695.7	20.14	450	13.03
173	Luxembourg	28'214	624.89	170.0	37.65	280	62.02
174	Malta	7'117	177.93	190.0	47.50	113	28.25
175	Moldova	11'984	33.23	288.0	7.98	85	2.36
176	Netherlands	3'521'932	2'162.66	8'500.0	52.19	8'277	50.83
177	Norway	570'710	1'245.93	1'583.3	34.57	2'515	54.91
178	Poland	786'522	203.82	8'970.0	23.24	5'480	14.20
179	Portugal	227'002	216.71	2'674.0	25.53	1'398	13.35
180	Romania	47'428	21.88	4'000.0	18.45	2'100	9.69
181	Russia	617'730	42.19	10'000.0	6.83	15'364	10.49
182	Serbia and Montenegro	19'831	24.38	847.0	10.41	336	4.13
183	Slovak Republic	114'088	212.06	1'375.8	25.57	1'270	23.61
184	Slovenia	42'888	214.76	800.0	40.06	650	32.55
185	Spain	910'677	213.32	9'789.0	22.93	9'346	21.89
186	Sweden	943'139	1'050.72	5'655.0	63.00	6'174	68.78
187	Switzerland	548'044	748.93	3'400.0	46.46	5'430	74.20
188	TFYR Macedonia	3'596	17.25	126.0	6.05	118	5.66
189	Turkey	359'188	50.80	6'000.0	8.49	3'333	4.71
190	Ukraine	91'342	19.18	2'500.0	5.25	1'123	2.36
191	United Kingdom	3'169'318	532.66	34'400.0	57.82	26'121	43.90
Europe		22'351'576	279.56	207'995.8	26.02	192'754	24.54

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		<i>Total</i>	<i>10'000 inhab.</i>	<i>(000s)</i>	<i>100 inhab.</i>	<i>(k)</i>	<i>inhab.</i>
		<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>
192	Australia	2'847'763	1'432.43	11'300.0	56.84	12'000	60.36
193	Fiji	493	5.97	55.0	6.66	42	5.09
194	French Polynesia	5'123	204.92	35.0	14.00	74	29.60
195	Guam	93	5.74	63.0	38.89	...	...
196	Kiribati	17	1.91	2.0	2.25	1	1.12
197	Marshall Islands	6	1.11	1.4	2.59	4	7.41
198	Micronesia	686	63.58	10.0	9.27	...	...
199	New Caledonia	4'449	194.28	60.0	26.20	...	...
200	New Zealand	474'395	1'183.27	2'110.0	52.63	1'771	44.17
201	Northern Marianas	17	2.21	...	...	...	...
202	Papua New Guinea	389	0.69	113.0	2.00	343	6.08
203	Samoa	8'225	451.41	5.0	2.74	1 [02]	0.67
204	Solomon Islands	398	8.34	2.5	0.52	19	3.98
205	Tonga	18'906	1'900.10	3.0	3.02	3	3.02
206	Vanuatu	512	24.65	7.5	3.61	3	1.44
Oceania		3'361'472	1'041.03	13'767.4	42.74	14'261	44.97

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	<i>Total</i>	<i>10'000 inhab.</i>	<i>(000s)</i>	<i>100 inhab.</i>	<i>(k)</i>	<i>inhab.</i>
	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>
WTI	219'176'337	351.67	724'419.4	11.57	639'612	10.59
Africa	348'699	4.23	14'981.5	1.82	11'443	1.52
Americas	171'316'940	2'003.74	231'901.5	27.12	235'077	28.26
Asia	21'780'424	59.59	254'424.3	6.95	185'377	5.15
Europe	22'338'832	279.52	207'873.7	26.01	192'754	24.54
Oceania	3'360'659	1'055.03	13'692.4	42.99	14'260	45.09

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 (Internet host data: Network Wizards, RIPE).