

## **2002 Target rates for different teledensity groups**

In 1998, the Focus Group adopted a methodology for calculating the Target rates. Target rates were based on the average of the 20 per cent of published settlement rates in each category.

The same methodology is used for calculating the target rates with data collected in year 2002. The following summary of settlement rates and indicative target rates, for the different teledensity groups, is given for historical reference purpose.

The tables show the new target rates if the Focus Group calculated these values using the data collected in 2002 (please note that only FCC published accounting rates for year 2002).

**Annex Table 1: Summary of settlement rates, and indicative target rates, for different teledensity groups**

Expressed in SDRs per minute. Teledensity (T) is telephone lines per 100 inhabitants

	Group A	Group B	Group C	Group D	Group E	Group F	Group G
Definition	Teledensity $T \leq 1$	Teledensity $1 < T \leq 5$	Teledensity $5 < T \leq 10$	Teledensity $10 < T \leq 20$	Teledensity $20 < T \leq 35$	Teledensity $35 < T \leq 50$	Teledensity $T > 50$
No. of countries/ territories	33	36	22	32	33	30	38
Average settlement rate	0.290	0.267	0.241	0.188	0.158	0.112	0.108
Median settlement rate	0.207	0.231	0.155	0.140	0.140	0.107	0.083
Lowest settlement rate Country / Territory	0.074 Malawi	0.069 Albania	0.085 Uzbekistan	0.061 Armenia	0.083 Lithuania	0.045 Ireland	0.027 Sweden
Average, lowest 20 % Settlement rate (Target rates)	<b>0.113</b>	<b>0.114</b>	<b>0.104</b>	<b>0.085</b>	<b>0.101</b>	<b>0.058</b>	<b>0.039</b>
Countries / Territories	Malawi Bangladesh Guinea Uganda Mauritania Congo Liberia	Albania Zimbabwe Bhutan Gabon Gambia Swaziland Papua New Guinea	Uzbekistan Algeria Botswana Mayotte	Armenia Georgia Lybia Mexico Saudi Arabia Jamaica	Lithuania Slovak Republic Puerto Rico Poland Brunei Darussalam French Polinesia Kuwait	Ireland Estonia Aruba Guam Belgium Italy	Sweden Switzerland France Netherlands United Kingdom United States Canada
Highest settlement rate Country / Territory	0.755 Guinea-Bissau	0.565 Sao Tome & Principe	0.555 West Bank & Gaza	0.6 Wallis & Futuna	0.65 Saint Helena	0.4 Ascencion	0.450 Falklands/Niue
Standard deviation	0.195	0.130	0.116	0.121	0.102	0.061	0.130

- Note:
1. Target rates are based on the average of the lowest 20 per cent of published settlement rates in each category.
  2. The data used to define teledensity groups is valid for 1<sup>st</sup> January 2002. The cut-off date for settlement rate data used for establishing target rates was 1<sup>st</sup> May 2002 (data provided by the FCC) and January 2000 (data provided by OFTEL). Other data submitted in 1998 were also used when they were lower than FCC and OFTEL new data.
  3. Each country/ territory is treated as single data item. Where there are multiple operators, the average is taken.
  4. For small island states and Least Developed Countries, separate categories are proposed in Annex Table 2.

## Annex Table 2: Summary of settlement rates, and indicative target rates, for small island states and Least Developed Countries

Expressed in SDRs per minute. Teledensity (T) is telephone lines per 100 inhabitants

	Small island states	Least Developed Countries
Definition	Population of less than 300'000 inhabitants, distant from a continental mainland, off the main cable routes and therefore reliant on satellite communications	The Least Developed Countries recognised by the United Nations General Assembly, together with those countries treated by the international community "as if" they were Least Developed Countries
No. of countries/ territories	36	51
Average settlement rate	0.263	0.300
Median settlement rate	0.140	0.25
Lowest settlement rate	0.092	0.074
Country / Territory	Bahamas	Malawi
Average, lowest 20 % settlement rate ( <b>Target rates</b> )	<b>0.112</b>	<b>0.117</b>
Countries / Territories	Bahamas Iceland Cayman Islands French Polynesia Netherlands Antilles Mayotte Anguilla	Malawi Bangladesh Bhutan Guinea Uganda Mauritania Cape Verde Gambia Namibia Liberia
Highest settlement rate	0.650	0.755
Country / Territory	St. Helena	Guinea Bissau
Standard deviation	0.165	0.175

- Note:
1. Target rates are based on the average of the lowest 20 per cent of published settlement rates in each category.
  2. The data used to define teledensity groups is valid for 1<sup>st</sup> January 2002. The cut-off date for settlement rate data used for establishing target rates was 1<sup>st</sup> May 2002 (data provided by the FCC) and January 2000 (data provided by OFTEL). Other data submitted in 1998 were also used when they were lower than FCC and OFTEL new data.
  3. Each country/ territory is treated as single data item. Where there are multiple operators, the average is taken.

Source: ITU-T Study Group 3 Focus Group. Teledensity data is from ITU World Telecommunication Indicators Database. Published settlement rate data is from TCNZ, OFTEL and FCC. In addition, when the data were the lowest ones, the settlement rate data submitted by the Administrations/ROAs to the Focus Group in 1998 were used.

## Groups of Countries/Territories (2002)

T ≤ 1 (Group A)	1 < T ≤ 5 (B)	5 < T ≤ 10 (C)	10 < T ≤ 20 (D)	20 < T ≤ 35 (E)	35 < T ≤ 50 (F)	T > 50 (G)
Afghanistan *	Albania	Algeria	Armenia	Argentina	Andorra	Anguilla +
Angola *	Bhutan*	Bolivia	Azerbaijan	Bahrain	Antigua & Barbuda +	Australia
Bangladesh*	Comoros*	Botswana	Belize	Belarus	Aruba	Bermuda
Benin*	Côte d'Ivoire	Cuba	Bosnia	Brazil	Ascension +	British Virgin Island +
Burkina Faso*	D.P.R. Korea	El Salvador	Cape Verde*	Brunei Darussalam	Austria	Canada
Burundi*	Djibouti*	Guatemala	China	Chile	Bahamas +	Cayman Islands +
Cambodia*	Equatorial Guinea*	Guyana	Colombia	Cook Islands +	Barbados +	Cyprus
Cameroon	Gabon	Kyrgyzstan	Dominican Rep	Costa Rica	Belgium	Denmark
Central African Rep*	Gambia*	Marshall Islands +	Ecuador	Dominica +	Bulgaria	Falkland Is (Malvinas) +
Chad*	Ghana	Mayotte +	Egypt	French Guyana	Croatia	Faroe Islands
Congo	Honduras	Micronesia +	Fiji	French Polynesia +	Czech Republic	Finland
DPR Congo*	India	Namibia*	Georgia	Grenada +	Estonia	France
Eritrea*	Indonesia	Oman	Iran (I.R.)	Kuwait	Greenland	Germany
Ethiopia*	Iraq	Paraguay	Jamaica	Latvia	Guadeloupe	Gibraltar
Guinea*	Kenya	Peru	Jordan	Lithuania	Guam	Greece
Guinea-Bissau*	Kiribati*+	Samoa*+	Kazakhstan	Mauritius	Hungary	Guernsey
Haiti*	Lesotho*	Thailand	Lebanon	New Caledonia +	Ireland	Hong Kong China
Lao P.D.R.*	Mongolia	Tonga +	Libya	Poland	Israel	Iceland +
Liberia*	Morocco	Turkmenistan	Malaysia	Puerto Rico	Italy	Japan
Madagascar*	Nepal*	Tuvalu*+	Maldives*+	Qatar	Korea (Rep.)	Jersey
Malawi*	Nicaragua*	Uzbekistán	Mexico	Russia	Macao China	Liechtenstein
Mali*	Pakistan	West Bank and Gaza	Moldova	Seychelles +	Martinique	Luxembourg
Mauritania*	Papua New Guinea		Nauru +	Slovak Republic	Neth. Antilles +	Malta
Mozambique*	Philippines		Panama	St. Helena +	New Zealand	Monaco
Myanmar *	S.Tomé & Príncipe*+		Romania	St. Lucia +	Portugal	Montserrat +
Niger*	Senegal*		Saudi Arabia	St. Vincent +	Reunion	Niue +
Nigeria	Solomon Islands*		South Africa	TFYR Macedonia	Singapore	Netherlands
Rwanda*	Sri Lanka		Suriname	Trinidad & Tobago	Slovenia	Northern Marianas +
Sierra Leone*	Sudan*		Syria	Turkey	Spain	Norway
Somalia*	Swaziland		Tunisia	Turks & Caicos +	United Arab Emirates	San Marino
Tanzania*	Tajikistan		Venezuela	Ukraine		St. Kitts and Nevis+
Uganda*	Togo*		Wallis and Futuna +	Uruguay		St. Pierre & Miquelon
Zambia*	Vanuatu*+			Yugoslavia FR		Sweden
	Viet Nam					Switzerland
	Yemen*					Taiwan-China
	Zimbabwe					United Kingdom
						United States
						Virgin Islands (US)

**Note:**

LDC: Least Developed Country and "AS IF LDC" is indicated by \*

Small island state: is indicated by +

Teledensity: as of 1<sup>st</sup> January 2002.