

## 2001 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 2001. 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following summary of settlement rates and indicative target rates, for the different teledensity groups, is given for historical reference purpose.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 2001 (please note that only FCC published accounting rates for year 2001, and as the teledensity data for 2001 is not available yet, we used the teledensity data of 1<sup>st</sup> January 2000).

**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	40	30	33	23	33	29	36
Average settlement rate	0.348	0.297	0.248	0.182	0.200	0.125	0.089
Median settlement rate	0.3	0.3	0.185	0.140	0.140	0.111	0.0765
Lowest settlement rate Country / Territory	0.121 Mauritania	0.069 Albania	0.074 Libya	0.061 Armenia	0.083 Lithuania	0.045 Ireland	0.027 Sweden
Average, lowest 20 % Settlement rate (Target rates)	<b>0.165</b>	<b>0.142</b>	<b>0.115</b>	<b>0.099</b>	<b>0.102</b>	<b>0.061</b>	<b>0.038</b>
Countries / Territories	Mauritania Uganda Liberia Guinea Zambia Malawi Angola Togo	Albania Gabon Swaziland Zimbabwe Gambia Indonesia	Libya Algeria Botswana Bosnia&Herzogo. Mayotte Azerbaijan Tunisia	Armenia Mexico Saudi Arabia Jamaica Ukraine	Lithuania Slovak Republic Puerto Rico Poland Brunei Darussalam Kuwait French Polynesia	Ireland Estonia Aruba Guam Italy Portugal	Sweden Switzerland France Netherlands United Kingdom United States Canada
Highest settlement rate Country / Territory	0.755 Guinea-Bissau	0.565 Sao Tome & Principe	0.635 Wallis & Futuna	0.5 Syria	0.65 Saint Helena	0.41 Northern Marianas Isl.	0.450 Falklands
Standard deviation	0.172	0.121	0.116	0.109	0.131	0.081	0.070

- 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 2000. The cut-off date for settlement rate data used for establishing target rates was 1<sup>st</sup> May 2001 (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	0.282	0.345
Median settlement rate	0.261	0.3
Lowest settlement rate	0.09	0.121
Country / Territory	Iceland	Mauritania
Average, lowest 20 % settlement rate <b>(Target rates)</b>	<b>0.115</b>	<b>0.163</b>
Countries / Territories	Iceland Bahamas Cayman Islands Netherlands Antilles French Polynesia Mayotte Antigua & Barbuda	Mauritania Namibia Uganda Liberia Guinea Zambia Malawi Gambia Angola Nicaragua
Highest settlement rate	0.650	0.755
Country / Territory	St. Helena	Guinea Bissau
Standard deviation	0.164	0.164

- 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 2000. The cut-off date for settlement rate data used for establishing target rates was 1<sup>st</sup> May 2001 (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 (2000)

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*	Azerbaijan	Belize	Bahrain	Antigua & Barbuda +	Australia
Bangladesh*	Côte d'Ivoire	Bolivia	Brazil	Belarus	Aruba	Belgium
Benin*	Cuba	Bosnia	Cape Verde*	Brunei Darussalam	Ascension +	Bermuda
Burkina Faso*	D.P.R. Korea	Botswana	Colombia	Bulgaria	Austria	British Virgin Island +
Burundi*	Djibouti*	China	Georgia	Chile	Bahamas +	Canada
Cambodia*	Equatorial Guinea*	Dominican Rep	Iran (I.R.)	Cook Islands +	Barbados +	Cayman Islands +
Cameroon	Gabon	Ecuador	Jamaica	Costa Rica	Czech Republic	Cyprus
Central African Rep*.	Gambia*	Egypt	Kazakhstan	Croatia	Estonia	Denmark
Chad*	Honduras	El Salvador	Lebanon	Dominica +	Greenland	Falkland Is (Malvinas) +
Comoros*	India	Fiji	Mexico	French Guyana	Guadeloupe	Faroe Islands
Congo	Indonesia	Guatemala	Moldova	French Polynesia +	Guam	Finland
DPR Congo*	Iraq	Guyana	Nauru +	Grenada +	Hungary	France
Eritrea*	Kiribati*+	Jordan	Panama	Kuwait	Ireland	Germany
Ethiopia*	Mongolia	Kyrgyzstan	Romania	Latvia	Israel	Gibraltar
Ghana	Nicaragua*	Libya	Russia	Lithuania	Italy	Greece
Guinea*	Pakistan	Maldives*+	Saudi Arabia	Malaysia	Japan	Guernsey
Guinea-Bissau*	Papua New Guinea	Marshall Islands +	South Africa	Mauritius	Korea (Rep.)	Hong Kong China
Haiti*	Philippines	Mayotte +	St. Vincent +	New Caledonia +	Macao	Iceland +
Kenya	S.Tomé & Príncipe*+	Micronesia +	Suriname	Niue +	Martinique	Jersey
Lao P.D.R*	Samoa*+	Morocco	Syria	Poland	Montserrat +	Liechtenstein
Liberia*	Senegal*	Namibia*	Ukraine	Puerto Rico	Neth. Antilles +	Luxembourg
Lesotho*	Solomon Islands*	Oman	Venezuela	Qatar	New Zealand	Malta
Madagascar*	Sri Lanka	Paraguay		Seychelles +	Northern Marianas +	Monaco
Malawi*	Swaziland	Peru		Slovak Republic	Portugal	Netherlands
Mali*	Tajikistan	Thailand		St. Helena +	Réunion	Norway
Mauritania*	Vanuatu*+	Tonga +		St. Lucia +	Slovenia	San Marino
Mozambique*	Viet Nam	Tunisia		TFYR Macedonia	Spain	Singapore
Myanmar *	Yemen*	Turkmenistan		Trinidad & Tobago	United Arab Emirates	St. Kitts and Nevis+
Nepal*	Zimbabwe	Tuvalu*+		Turkey		St.Pierre & Miquelon
Niger*		Uzbekistan		Turks & Caicos +		Sweden
Nigeria		Wallis and Futuna +		Uruguay		Switzerland
Rwanda*		West Bank and Gaza		Yugoslavia FR		Taiwan-China
Sierra Leone*						United Kingdom
Somalia*						United States
Sudan*						Virgin Islands (US)
Tanzania*						
Togo*						
Uganda*						
Zambia*						

**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 2000.