

1999 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 in each category.

The same methodology is used for calculating the target rates with data collected in year 1999. 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following summary of settlement rates and indicative target rates, for the different teledensity groups, is given for historical reference purpose.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 year 1999.

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 < 1	Teledensity 1 < T < 5	Teledensity 5 < T < 10	Teledensity 10 < T < 20	Teledensity 20 < T < 35	Teledensity 35 < T < 50	Teledensity T > 50
No. of countries/ territories	40	31	33	25	31	31	33
Average settlement rate	0.417	0.379	0.318	0.267	0.265	0.187	0.119
Median settlement rate	0.4	0.359	0.311	0.240	0.258	0.137	0.085
Lowest settlement rate Country / Territory	0.121 Mauritania	0.076 Albania	0.074 Libya	0.061 Armenia	0.11 Hungary	0.060 Belgium	0.027 Sweden
Average, lowest 20 % Settlement rate (Target rates)	0.245	0.225	0.139	0.137	0.115	0.083	0.039
Countries / Territories	Mauritania Angola Ghana Zambia Madagascar Tanzania Malawi DPR Congo	Albania Gambia Guatemala Zimbabwe Philippines Bhutan	Libya Algeria Azerbaijan Tunisia Bosnia Paraguay Botswana	Armenia Romania TFYR Macedonia South Africa Moldova	Hungary Kuwait Estonia Poland Slovak Republic Latvia	Belgium Italy Ireland Guam Andorra Austria	Sweden Switzerland France Netherlands United Kingdom United States Canada
Highest settlement rate Country / Territory	0.755 Guinea Bissau	0.815 D.P.R Korea	0.6 Wallis & Futuna	0.6 Iran	0.650 St. Helena	0.500 Ascencion	0.450 Falklands
Standard deviation	0.151	0.133	0.134	0.127	0.137	0.113	0.103

- 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 1st January 1999. The cut-off date for settlement rate data used for establishing target rates was 1st October 1999.
 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	0.354	0.407
Median settlement rate	0.348	0.370
Lowest settlement rate	0.1	0.121
Country / Territory	Iceland	Mauritania
Average, lowest 20 % settlement rate (Target rates)	0.197	0.252
Countries / Territories	Iceland Bahamas Cayman Islands Mayotte British Virgin Island St. Kitts and Nevis St. Vincent	Mauritania Angola Gambia Zambia Madagascar Tanzania Bhutan Malawi DPR Congo Burkina Faso
Highest settlement rate	St. Helena	Guinea-Bissau
Country / Territory	0.650	0.755
Standard deviation	0.123	0.142

- 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 1st January 1999. The cut-off date for settlement rate data used for establishing target rates was 1st October 1999.
 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/Territory (1999)

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	Bermuda
Benin*	Cuba	Bosnia	Colombia	Brunei Darussalam	Ascension +	British Virgin Island +
Burkina Faso*	D.P.R. Korea	Botswana	Costa Rica	Bulgaria	Austria	Canada
Burundi*	Djibouti*	Cape Verde*	Georgia	Chile	Bahamas +	Cayman Islands +
Cambodia*	Equatorial Guinea*	China	Iran (I.R.)	Cook Islands +	Barbados +	Cyprus
Cameroon	Gabon	Dominican Rep	Jamaica	Croatia	Belgium	Denmark
Central African Rep*.	Gambia*	Ecuador	Kazakhstan	Dominica +	Czech Republic	Falkland Is (Malvinas) +
Chad*	Guatemala	Egypt	Lebanon	Estonia	Greenland	Faroe Islands
Comoros*	Honduras	El Salvador	Malaysia	French Guyana	Guadeloupe	Finland
Congo	India	Fiji	Mayotte +	French Polynesia +	Guam	France
DPR Congo*	Indonesia	Guyana	Mexico	Grenada +	Ireland	Germany
Eritrea*	Iraq	Jordan	Moldova	Hungary	Israel	Gibraltar
Ethiopia*	Kiribati*+	Kyrgyzstan	Nauru +	Kuwait	Italy	Greece
Ghana	Mongolia	Libya	Panama	Latvia	Japan	Guemsey
Guinea*	Nicaragua*	Maldives*+	Romania	Lithuania	Korea (Rep.)	Hong Kong China
Guinea-Bissau*	Pakistan	Marshall Islands +	Russia	Mauritius	Macao	Iceland +
Haiti*	Papua New Guinea	Micronesia +	Saudi Arabia	New Caledonia +	Malta	Jersey
Kenya	Philippines	Morocco	South Africa	Niue +	Martinique	Liechtenstein
Lao P.D.R*	S.Tomé & Principe*+	Namibia*	St. Vincent +	Poland	Montserrat +	Luxembourg
Lesotho*	Samoa*+	Oman	Suriname	Qatar	Neth. Antilles +	Monaco
Liberia*	Senegal*	Paraguay	TFYR Macedonia	Seychelles +	New Zealand	Netherlands
Madagascar*	Solomon Islands*	Peru	Ukraine	Slovak Republic	Northern Marianas +	Norway
Malawi*	Sri Lanka	Syria	Venezuela	St. Helena +	Portugal	San Marino
Mali*	Swaziland	Thailand		St. Lucia +	Puerto Rico	Singapore
Mauritania*	Tajikistan	Tonga +		Trinidad & Tobago	Réunion	St.Pierre & Miquelon
Mozambique*	Vanuatu*+	Tunisia		Turkey	Slovenia	Sweden
Myanmar *	Viet Nam	Turkmenistan		Turks & Caicos +	Spain	Switzerland
Nepal*	Yemen*	Tuvalu*+		Uruguay	St. Kitts and Nevis+	Taiwan-China
Niger*	Zimbabwe	Uzbekistan		Yugoslavia FR	United Arab Emirates	United Kingdom
Nigeria		Wallis and Futuna +				United States
Rwanda*		West Bank and Gaza				Virgin Islands (US)
Sierra Leone*						
Somalia*						
Sudan*						
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 1st January 1999.