

## Universal Service / Universal Access Methodology for determining average and best practice costs

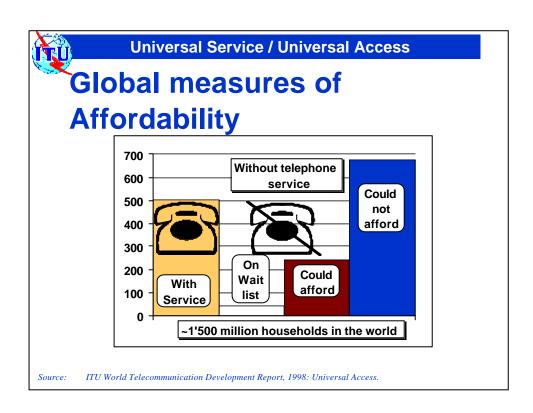
Establish average operating costs for telephone network	US\$ 200 - 400 per subscriber per year		
Derive an average tariff	US\$ 64 - 122 per year		
Determine how many households can afford service	Where 5% of household income > US\$ 1'340 - 3'200		
Choose a policy for families that cannot afford service	Financial assistance, widespread payphones, etc.		

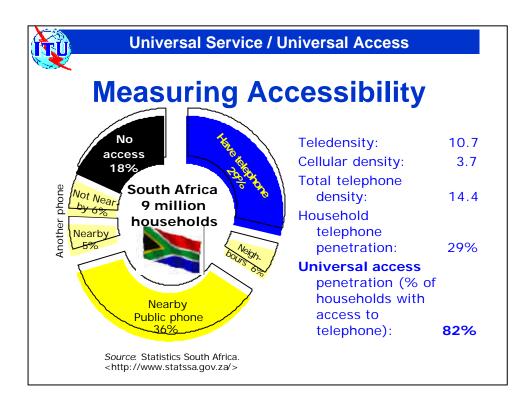
Source: TU World Telecommunication Development Report 1998: Universal Access.

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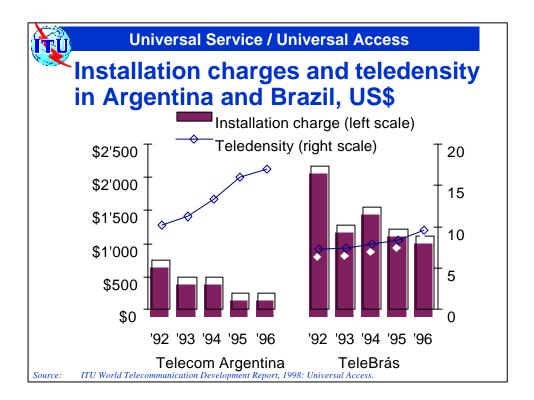
	Average	Median	Best practice
Annual operating cost per line	380	300	200
Annual subscription <sup>1</sup>	122	96	64
Annual connection fee <sup>2</sup>	39	7	3
Total annual charge for telephone service	160	103	67
Annual income required to afford service <sup>3</sup>	5'432	4'320	3'480

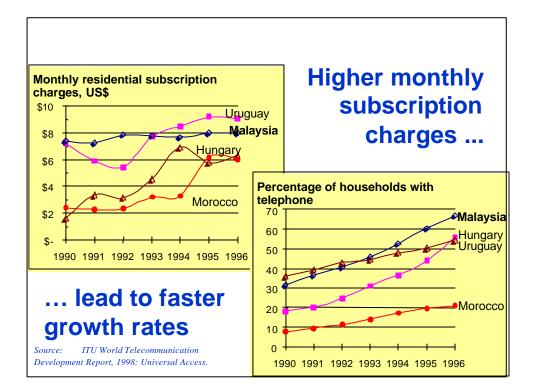
Source: ITU World Telecommunication Development Report, 1998: Universal Access.

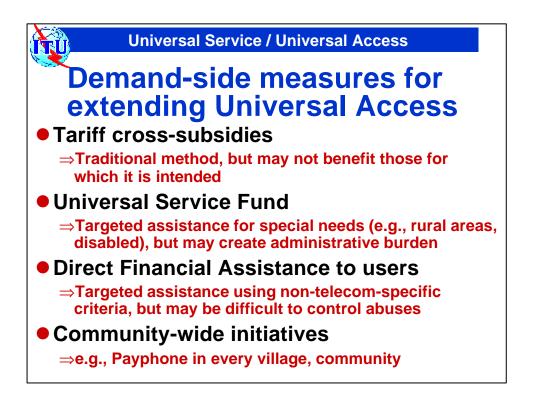






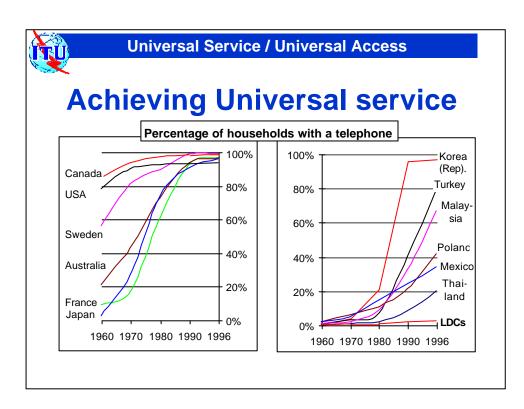












Year 20 Goal: Provide	reason		cess to			cations
	Teledensity		Household telephone penetration		Payphones per 1'000 people	
	1996	2010	1996	2010	1996	2010
WORLD	12.80		34.4		1.55	
Developing Low income excluding China	5.07 2.44 1.22	<del>10</del> 5	16.3 8.5 4.1	>50	0.84 0.57 0.21	2

Source: ITU World Telecommunication Development Report, 1998