

Urban - rural connectivity and service penetration

Penetration Description	Indicators (Total)	Indicators (Rural)	Remarks
Communication (Bounded)			
Post Offices	1,54,551 with VSATs in Urban 16402 (as on 31.3.2000)	1,38,149 155 post office (as on 31.3.2000) (No VSAT)	VSATs are used for money transfer only. As on 31.3.2002 4,65,024 villages are without a post office.
Tele density (100 persons)	5.7 (July 2003)	1.4	Urban shows 13.7
Basic Direct Exchanges Lines (DEL)	44.80 million	11.46 million	31.12.2002
Exchanges	35,297	27,949	31.12.2002
VPTs	5,10,000	5,10,000	Roughly one in 3.3Sq.KM
Private Basic Operators	7,123	7,123	
PCO/ISD/STD Booths	1.2Million		
Cables (Fibre Optic)	36850 RKMs- BSNL	Nil	31.12.2002 excluding PGCIL, GAIL, MINL, VSNL, other agencies
Cables (Coaxial)- BSNL		60000 RKMs-Reliance 43500 RKMs-Railways	As on 31.3.2002
Analog	5220 RKMs	Not Available	
Digital	6024 KMs		
Broadband TV	45,020	Not Available (projection for 2004)	
Telephone Services (FOIS)			As on 30.9.2002
Public Sector	48.364 million.	9.939 million	
Private Operators	81 million	2,677	
Communication (Unbounded)			
Terrestrial TV transmitters			Mostly low power transmitter (LPT) and very low power transmitters (VLPT) are in semi-urban and rural areas. But these are analogue.
H P T	103		
LPT	749		
VLPT	316		
Other Transmitters	146		
TVs	55 million	22 million	80% time on Terrestrial, 20% on Satellite mode
Microwave			31.12.2002
BSNL	6133 RKMs		
Railways	20,000	-	
G S M	16298598		As in July 2003
Private Service Providers	12514863	-	
WLL- Basic Telephone Operators	4,15,000		
WLL- BSNL	91932	337172	
VSATs with INSAT service in Ku-Band	6,243	-	TDMS 86%, DAMA-14%
AM/FM Radio Services	48 million	Not available	
Converged Connectivity (Convergence)			
PCs	6.5 million	Not Available	
Internet Service Providers (ISPs)	341		Government owned are MINL, VSNL, BSNL and STPI
Government Owned	4		
Private service Providers	337	-	
Internet	5.5 million users	-	
Bandwidth	1475Mbps	-	1143 Mbps utilised till date

Courtesy: Professor HK Misra, Institute of Rural Management Anand

Source: COAI 2003, Datane1 2003, Doordarshan 2003, DOT 2003a, DOT 2003b, DOT 2003c, DOT 2003d, DOT 2003e, DOT 2003f, DOT 2003g, ITU 2002, Kamandar 2000, MCIT 2003a, MCIT 2003b, NRS 2002a, NRS 2002b, Patnaik 2003, ScreenIndia 2003, Vyaapar India 2003.