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TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 12th March, 2024

For Immediate release **Website:- www.trai.gov.in**

"Yearly Telecom Services Performance Indicator Report" for the Year, 2022-23

TRAI today has released the **"Yearly Performance Indicators – Indian Telecom Sector"** for the financial year 2022-23. This Report provides a broad perspective of the Telecom Services in India and presents the key parameters and growth trends of the Telecom Services as well as Cable TV, DTH & Radio Broadcasting services in India for the period covering 1st April, 2022 to 31st March, 2023. This report is compiled mainly on the basis of the information furnished by the Service Providers.

Key indicators/data of the Report is enclosed herewith. The complete Report is available under the link http://www. trai.gov.in/release-publication/reports/performance-indicators-reports.

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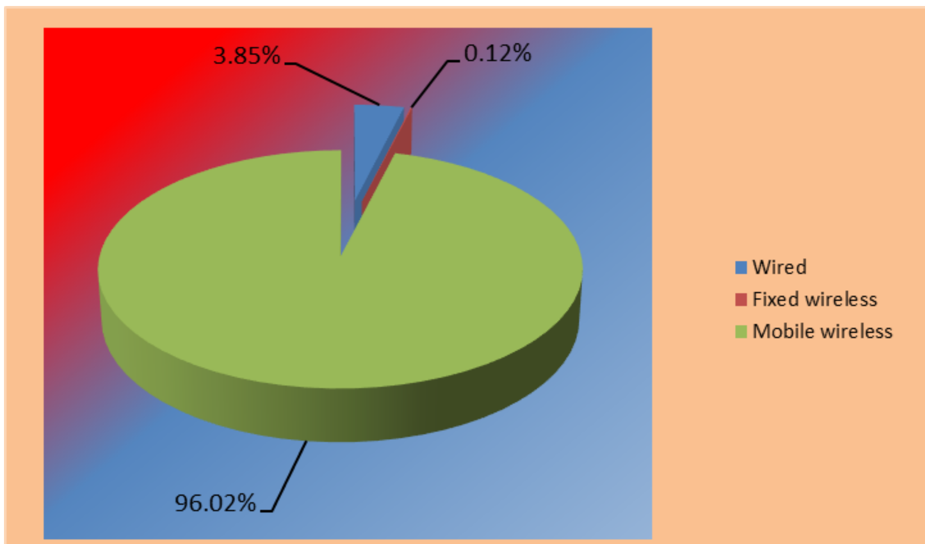
Secretary, TRAI

Executive Summary

1. Total number of internet subscribers increased from 824.29 million at the end of Mar-22 to 881.25 million at the end of Mar-23 with yearly rate of growth of 6.83%. Out of total 881.25 million internet subscribers, number of broadband subscribers is 846.57 million and number of narrowband subscribers is 34.69 million at the end of Mar-23.

Composition of Internet subscription as on 31st March, 2023



2. Number of Broadband subscribers increased from 788.30 million at the end of Mar-22 to 846.57 million at the end of Mar-23 with yearly rate of growth of 7.39%. The number of Narrowband subscribers decreased from 36.59 million at the end of Mar-22 to 34.69 million at the end of Mar-23 with yearly rate of decline of 5.21%.

3. Average Revenue Per User (ARPU) per month for wireless service increased from Rs.115.71 during 2021-22 to Rs.138.75 in 2022-23, thereby showing a yearly rate of growth of 19.91%.

4. Average Revenue Per User (ARPU) per month for prepaid service increased from Rs.110.73 during the year 2021-22 to Rs.135.47 in 2022-23. However, ARPU per month for postpaid service declined from Rs.185.15 to Rs.176.73 during the same period.

5. Average Minutes of Usage (MOUs) per subscriber per month increased from 879 during the year 2021-22 to 919 in 2022-23 with yearly rate of growth of 4.56%.

6. Minutes of Usage (MOUs) per subscriber per month for postpaid services declined from 588 during the year 2021-22 to 532 in 2022-23. However, MoUs for prepaid services increased from 900 to 953 during the same period.

7. Number of wireless data subscribers has increased from 796.44 million at the end of Mar-22 to 846.21 million at the end of Mar-23 with yearly rate of growth of 6.25%. Further, total volume of wireless data usage increased from 1,37,459 PB during the year 2021-22 to 1,60,054 PB during the year 2022-23 with yearly growth of 16.44%.

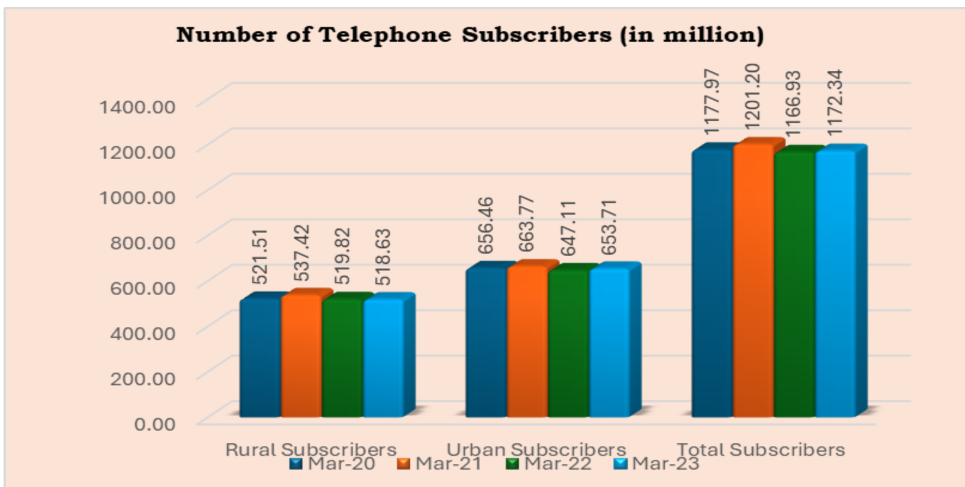
8. Total revenue from wireless data usage increased from Rs.1,43,169 crore in the year 2021-22 to Rs. 1,74,144 crore in the year 2022-23 with yearly rate of growth of 21.63%.

9. The number of telephone subscribers in India increased from 1,166.93 million at the end of Mar-22 to 1,172.34 million at the end of Mar-23, registering a yearly rate of growth 0.46%. However, the overall Tele-density in India declined from 84.88% at the end of Mar-22 to 84.51% at the end of Mar-23 at yearly rate of decline by 0.44%.

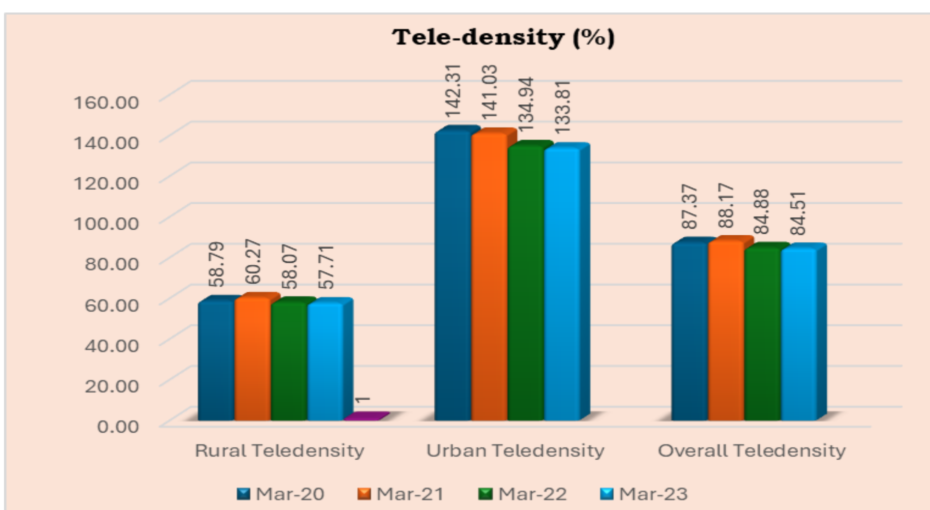
10. Telephone subscription in Urban Areas increased from 647.11 million at the end of Mar-22 to 653.71 million at the end of Mar-23 at the yearly

rate of growth 1.02%. However, Urban Tele-density declined from 134.94% at the end of Mar-22 to 133.81% at the end of Mar-23 with yearly rate of decline by 0.84%.

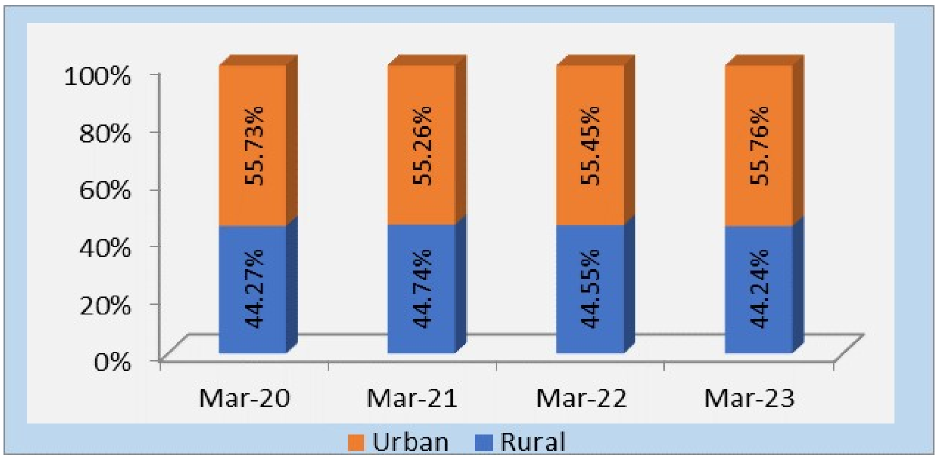
11. Rural telephone subscription decreased from 519.82 million at the end of Mar-22 to 518.63 million at the end of Mar-23 at the yearly rate of decline of 0.23%. Rural Tele-density also decreased from 58.07% at the end of Mar-22 to 57.71% at the end of Mar-23 with yearly rate of decline of 0.61%.



Trend of Tele-density

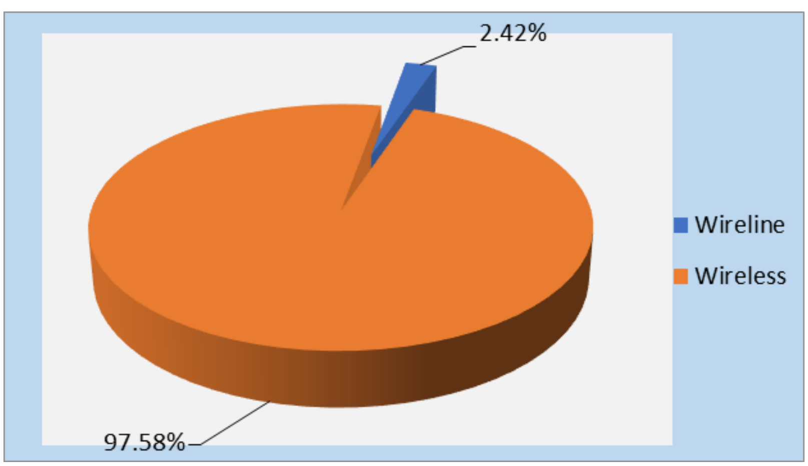


12. Out of the total telephone subscription, the shares of Rural telephone subscription decreased from 44.55% at the end of Mar-22 to 44.24% at the end of Mar-23. However, share of Urban telephone subscription in total telephone subscription, increased from 55.45% at the end of Mar-22 to 55.76% at the end of Mar-23. The following chart depicts the rural-urban market share of telephone subscribers at the end of Mar-23.



13. Out of 1,172.34 million of total telephone subscriber, the number of Wireless Telephone subscribers is 1,143.93 million and the number of Wireline Telephone subscribers is 28.41 million at the end of Mar-23. The following chart depicts the market share of Wireless and Wireline subscribers in India.

Composition of Market Share
Wireless & Wireline Subscribers



14. Total Wireless subscribers increased from 1,142.09 million at the end of Mar-22 to 1,143.93 million at the end of Mar-23, thereby showing a yearly rate of growth of 0.16%. During the year 2022-23, net addition of 1.83 million wireless subscribers was recorded.

15. Overall Wireless Teledensity decreased from 83.07% at the end of Mar-22 to 82.46% at the end of Mar-23. Rural wireless Teledensity decreased from 57.85% to 57.46% and Urban wireless Teledensity also decreased from 130.17% to 128.45% at the end of Mar-23.

16. Total Wireline subscriber base increased from 24.84 million at the end of Mar-22 to 28.41 million at the end of Mar-23 with yearly rate of growth of 14.37%.

17. Overall Wireline Tele-density increased from 1.81% at the end of Mar-22 to 2.05% at the end of Mar-23. During the same period Rural wireline tele-density increased from 0.22% to 0.25% and Urban wireline tele-density also increased from 4.77% to 5.36%.

18. Gross Revenue (GR) increased from Rs.2,78,216 crore in the year 2021-22 to Rs.3,33,697 crore in the year 2022-23 with yearly rate of growth of 19.94%. Adjusted Gross Revenue (AGR) also increased from Rs.2,18,882 crore in the year 2021-22 to Rs. 2,49,908 crore in the year 2022-23 with yearly rate of growth of 14.17%.

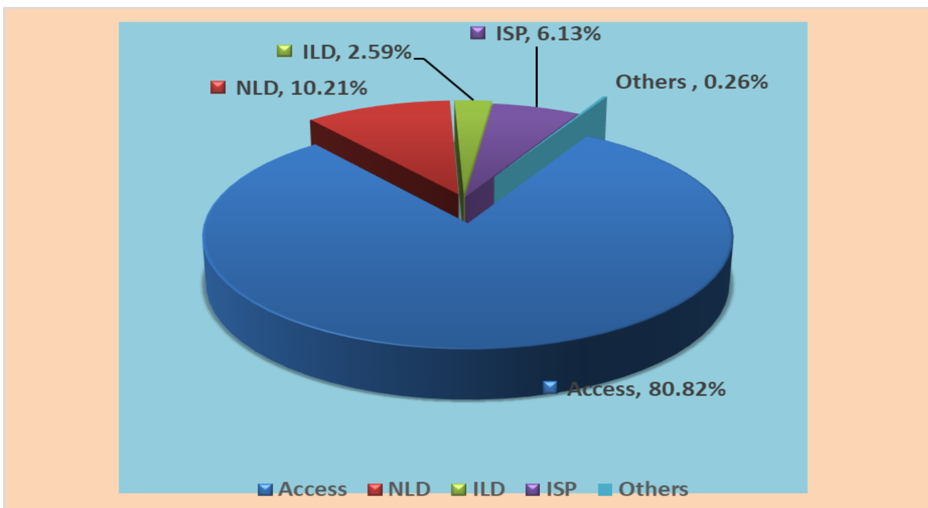
19. Pass through charges increased by 1.08% from Rs.55,367 crore in the year 2021-22 to Rs.55,965 crore in the year 2022-23. Pass-through charges as a percentage of Gross Revenue are 16.77% in 2022-23 as against 19.90% in the previous financial year.

20. Yearly Spectrum Usage Charges (SUC) decreased by 29.75% from Rs.7,072 crore in the year 2021-22 to Rs.4,968 crore in the year 2022-23.

However, License Fee yearly increased by 13.20% from Rs.17,627 crore to Rs.19,954 crore during the same period.

21. Access services contributed 80.82% of the total Adjusted Gross Revenue of telecom services. In Access services, Gross Revenue (GR), Adjusted Gross Revenue (AGR) and License Fee increased by 24.17%, 17.01% and 17% respectively in the year 2022-23 over the year 2021-22. However, Pass Through Charges and Spectrum Usage Charges (SUC) declined by 2.75% and 29.74% respectively during the same period.

Service wise composition of Adjusted Gross Revenue for the year 2022-23



22. A total of 903 private satellite TV channels have been permitted by the Ministry of Information and Broadcasting (MIB), as on 31.03.2023, for uplinking only/downlinking only/both uplinking & downlinking. Out of 903 permitted satellite TV channels, 892 channels are available for downlinking in India.

23. As per the reporting done by broadcasters in pursuance of the Tariff Order dated 3rd March 2017 as amended, out of 892 permitted satellite TV channels which are available for downlinking in India, there are 358

satellite pay TV channels as on 31st March 2023. Out of 358 pay channels, 254 are SD satellite pay TV channels and 104 are HD satellite pay TV channels.

24. Since introduction of DTH sector in the year 2003, Indian DTH service has displayed a phenomenal growth. During the period ending 31st March, 2023, there were 4 pay DTH service providers in India.

25. Pay DTH has attained net pay active subscriber base of around 65.25 million, as on 31st March, 2023 as compared to 66.92 million subscribers, as on 31st March, 2022. This is in addition to the subscribers of the free DTH services of Doordarshan.

26. Apart from the radio Stations operated by All India Radio, the public broadcaster, as on 31st March 2023, there are 388 operational private FM Radio stations in 113 cities with operational 36 Private FM Radio broadcaster as compared to 386 operational private FM Radio stations in 113 cities with operational 36 FM Radio broadcaster, as on 31st March 2022.

27. As on 31st March 2023, 427 Community Radio stations are operational as compared to 349 Community Radio station, as on 31st March, 2022.

Snapshot

(Data as on 31st March, 2023)	
Telecom Subscribers (Wireless+Wireline)	
Total Subscribers	1,172.34 Million
% change over the previous year	0.46%
Urban Subscribers	653.71 Million
Rural Subscribers	518.63 Million
Market share of Private Operators	90.15%
Market share of PSU Operators	9.85%
Tele-density	84.51%
Urban Tele-density	133.81%
Rural Tele-density	57.71%
Wireless Subscribers	
Total Wireless Subscribers	1,143.93 Million
% change over the previous year	0.16%
Urban Subscribers	627.54 Million
Rural Subscribers	516.38 Million
Market share of Private Sector Operators	90.73%
Market share of Public Sector Operators	9.27%
Tele-density	82.46%
Urban Tele-density	128.45%
Rural Tele-density	57.46%
No. of total Public Mobile Radio Trunk Services (PMRTS)	67,820
No. of Very Small Aperture Terminals (VSAT)	2,56,170
Wireline Subscribers	
Total Wireline Subscribers	28.41 Million
% change over the previous year	14.37%
Urban Subscribers	26.16 Million
Rural Subscribers	2.25 Million
Market share of Private Operators	66.85%
Market share of PSU Operators	33.15%
Tele-density	2.05%
Urban Tele-density	5.36%
Rural Tele-density	0.25%
No. of Village Public Telephones (VPT)	68,606
No. of Public Call Office (PCO)	42,135

Internet/Broadband Subscribers	
Total Internet Subscribers	881.25 Million
% change over previous year	6.83%
Narrowband subscribers	34.69 Million
Broadband subscribers	846.57 Million
Wired Internet Subscribers	33.94 Million
Wireless Internet Subscribers	847.31 Million
Urban Internet Subscribers	523.26 Million
Rural Internet Subscribers	357.99 Million
Total Internet Subscribers per 100 population	63.53
Urban Internet Subscribers per 100 population	107.11
Rural Internet Subscribers per 100 population	39.84
Telecom Financial Data for the Financial Year-2022-23	
Gross Revenue (GR)	Rs.3,33,697 Crore
% change in GR over the previous year	19.94%
Adjusted Gross Revenue (AGR)	Rs. 2,49,908 Crore
% change in AGR over the previous year	14.17%
Share of Public Sector Operators in Access AGR	4.44%
Broadcasting & Cable Services	
Number of private satellite TV channels permitted by the Ministry of I&B for uplinking only/downlinking only/both uplinking and downlinking	903
Number of Pay TV Channels	358
Number of private FM Radio Stations (excluding All India Radio)	388
Number of Pay Subscribers Active with Private DTH Operators	65.25 Million
Number of Operational Community Radio Stations	427
Number of pay DTH Operators	4
Revenue & Usage Parameters (for the Year 2022-23)	
Monthly ARPU for Wireless (Full Mobility) Service	Rs.138.75
Minutes of Usage (MOU) per subscriber per month - Wireless (Full Mobility) Service	919 Minutes
Average Revenue for wireless data per data subscribers per month for wireless services	Rs.176.59
Average revenue realization per subscriber per GB wireless data	Rs.10.38
Average wireless data usage per data subscriber per month	17.01 GB