

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 7<sup>th</sup> May 2025

(www.trai.gov.in)

**Highlights of Telecom Subscription Data as on 31<sup>st</sup> March, 2025**

Particulars	Wireless	Wireline	Total (Wireless+ Wireline)
<b>Broadband Subscribers</b> (Million)	<b>902.74*</b>	<b>41.39</b>	<b>944.12</b>
<b>Urban Telephone Subscribers</b> (Million)	<b>632.57*</b>	<b>33.54</b>	<b>666.11</b>
Net Addition in March, 2025 (Million)	-1.64	-0.39	-2.03
Monthly Growth Rate	-0.26%	-1.15%	-0.30%
<b>Rural Telephone Subscribers</b> (Million)	<b>531.18*</b>	<b>3.50</b>	<b>534.69</b>
Net Addition in March, 2025 (Million)	4.86	0.52	5.38
Monthly Growth Rate	0.92%	17.59%	1.02%
<b>Total Telephone Subscribers</b> (Million)	<b>1163.76*</b>	<b>37.04</b>	<b>1200.80</b>
Net Addition in March, 2025 (Million)	3.21	0.13	3.35
Monthly Growth Rate	0.28%	0.37%	0.28%
<b>Overall Tele-density@(% )</b>	<b>82.42%</b>	<b>2.62%</b>	<b>85.04%</b>
Urban Tele-density@(% )	124.83%	6.62%	131.45%
Rural Tele-density@(% )	58.67%	0.39%	59.06%
Share of Urban Subscribers	54.36%	90.55%	55.47%
Share of Rural Subscribers	45.64%	9.45%	44.53%

❖ In the month of March 2025, 13.54 million subscribers submitted their requests for Mobile Number Portability (MNP). With this, the cumulative MNP requests increased from 1105.39 million at the end of February-25 to 1118.94 million at the end of March-25, since implementation of MNP.

❖ Number of active wireless (Mobile) subscribers (on the date of peak VLR#) in March 2025 was 1074.21 million.

**Note:**

- \* Wireless includes 5G FWA subscription also.
- @ Based on the projection of population from the 'Report of the Technical Group on Population Projections for India and States 2011 – 2036'.
- # VLR is acronym of Visitor Location Register. The dates of peak VLR for various TSPs are different in different service areas.
- The information in this Press Release is based on the data provided by the Service Providers.

## I. Broadband Subscribers

- As per the information received from 1206 operators in March 2025, in comparison to 1189 operators in February 2025, the total Broadband Subscribers increased from 944.04 million at the end of February-25 to 944.12 million at the end of March-25 with a monthly growth rate of 0.009%. Segment-wise broadband subscribers and their monthly growth rates are as below: -

### Segment-wise Broadband Subscribers and Monthly Growth Rate in the month of March, 2025

Segment	Subscription	Subscribers (in million)		% Change
		Feb-25	Mar-25	
<b>Wired subscribers</b>	<b>Fixed (wired) Broadband</b> (DSL, FTTx, Ethernet/LAN, Cable Modem, ILL)	41.20	41.39	0.44%
<b>Wireless Subscribers</b>	<b>Fixed Wireless Broadband</b> (FWA-5G, Wi-Fi, Wi-Max, Radio, Satellite)	4.89	4.89	0.16%
	<b>Mobile Broadband</b> (Handset/Dongle based)	897.95	897.84	-0.01%
<b>Total Broadband Subscribers</b>		<b>944.04</b>	<b>944.12*</b>	<b>0.009%</b>

\* This report is prepared considering the last reported (Nov 2024) internet subscription data submitted by M/s Reliance Jio Infocom Ltd. and M/s Bharti Airtel Ltd., as they did not submit the requisite data in the prescribed format for Dec-2024 and Jan, Feb & Mar-2025.

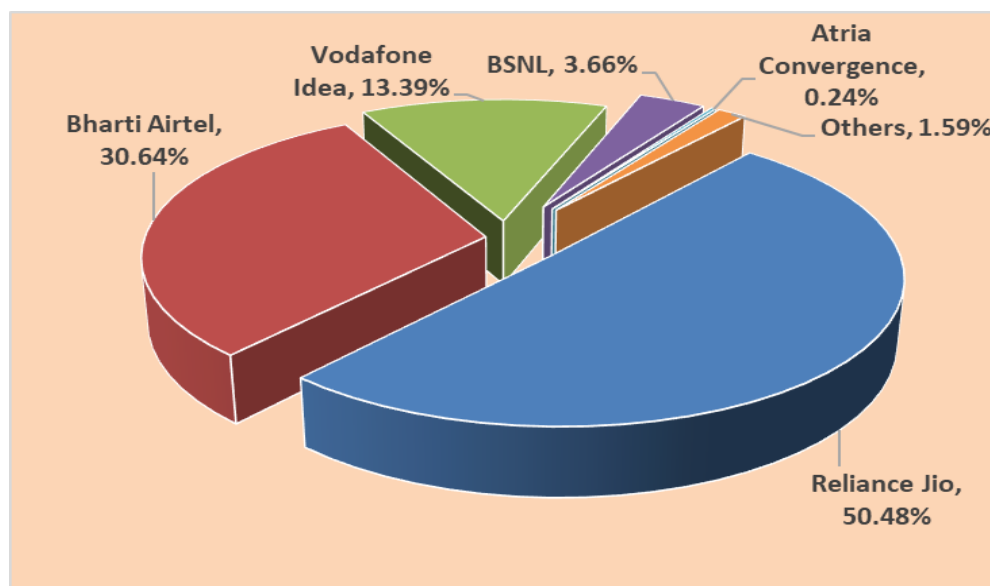
### As on 31<sup>st</sup> March 2025, top five Broadband (Wired + Wireless) Service providers

S.N.	Name of the Service Provider	Subscriber base (In million)
1.	Reliance Jio Infocomm Ltd	476.58*
2.	Bharti Airtel Ltd.	289.31*
3.	Vodafone Idea Ltd.	126.41
4.	Bharat Sanchar Nigam Ltd.	34.57
5.	Atria Convergence Technologies Limited	2.29
<b>Market Share of Top Five Broadband (Wired+Wireless)</b>		<b>98.41%</b>

\*As per reported data of Nov-24

- The graphical representation of the service provider-wise market share of broadband services is given below: -

**Service Provider-wise Market Share of Broadband  
(wired + wireless) Services as on 31<sup>st</sup> March, 2025**



**As on 31<sup>st</sup> March, 2025, Top Five Fixed (Wired) Broadband Service providers**

S.N.	Name of the Service Provider	Subscriber base (In million)
1.	Reliance Jio Infocomm Ltd	11.48*
2.	Bharti Airtel Ltd	8.55*
3.	Bharat Sanchar Nigam Ltd	4.34
4.	Atria Convergence Technologies Limited	2.29
5.	Kerala Vision Broadband Ltd	1.31
<b>Market Share of Top Five Fixed (Wired) Broadband Service Providers</b>		<b>67.57%</b>

*\*As per reported data of Nov-24*

**As on 31<sup>st</sup> March, 2025, top five Wireless (Fixed wireless & mobile)  
Broadband Service providers**

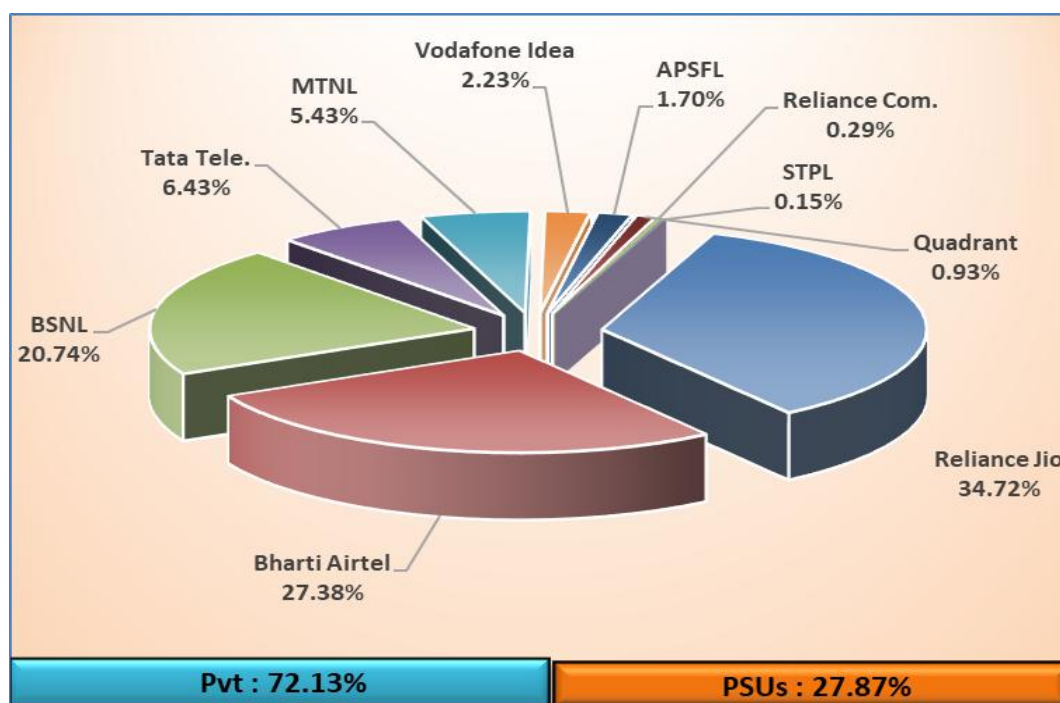
S.N.	Name of the Service Provider	Subscriber base (In million)
1.	Reliance Jio Infocomm Ltd	465.10*
2.	Bharti Airtel Ltd	280.76*
3.	Vodafone Idea Ltd	126.40
4.	Bharat Sanchar Nigam Ltd	30.23
5.	IBus Virtual Network Services Private Limited	0.09
<b>Market Share of Top Five Wireless Broadband Service Providers</b>		<b>99.98%</b>

*\*As per reported data of Nov-24*

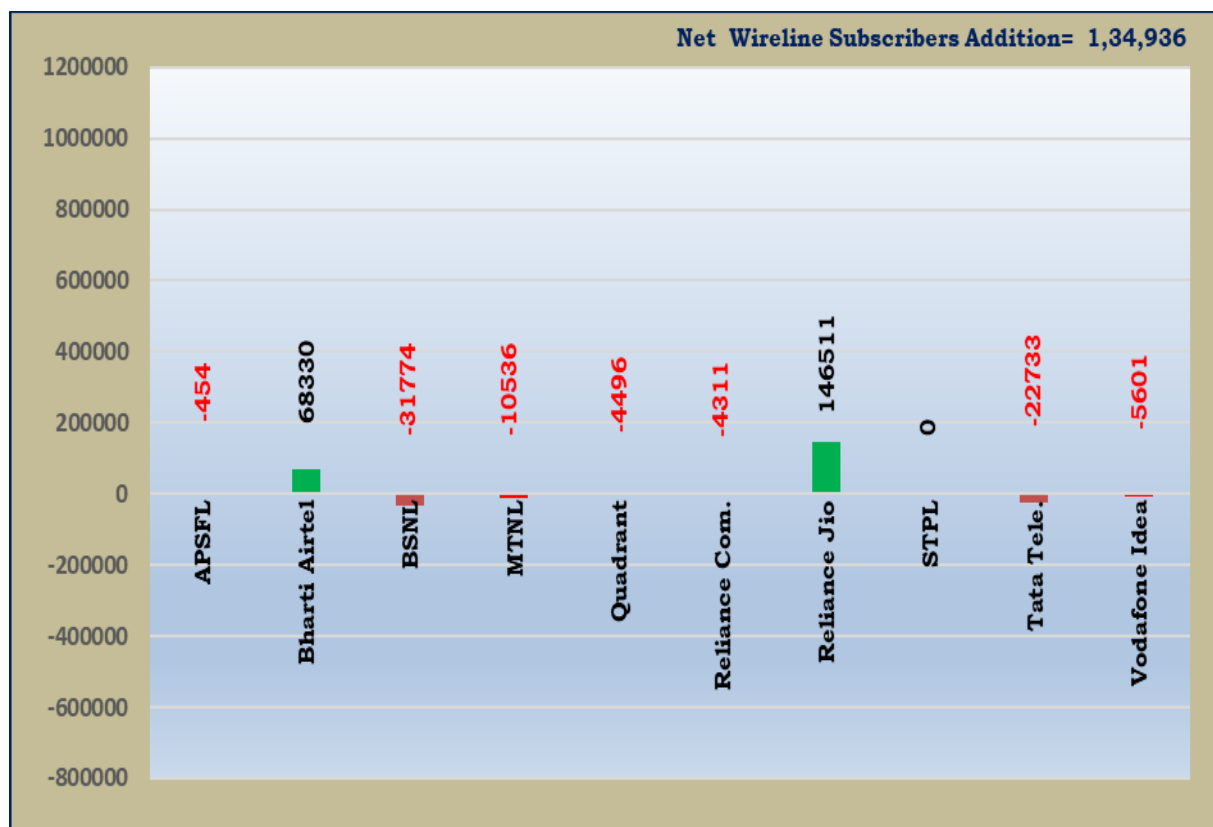
## II. Wireline Subscribers

- Wireline subscribers increased from 36.91 million at the end of February-25 to 37.04 million at the end of March-25. Net increase in the wireline subscriber base was 0.13 million with a monthly rate of growth 0.37%.
- The Overall wireline Tele-density in India remained same i.e. 2.62% at the end of March-25 which was at the of February-25. Urban and Rural Wireline Tele-density were 6.62% and 0.39%, respectively, during the same period. The share of urban and rural subscribers in total wireline subscribers were 90.55% and 9.45% respectively at the end of March, 2025.
- BSNL, MTNL, and APSFL, the three PSUs access service providers, held 27.87% of the wireline market share as on 31<sup>st</sup> March 2025. Detailed statistics of the Wireline subscriber base are available at **Annexure-I**.

### Access Service Provider-wise Market Share of wireline Subscribers as on 31<sup>st</sup> March, 2025

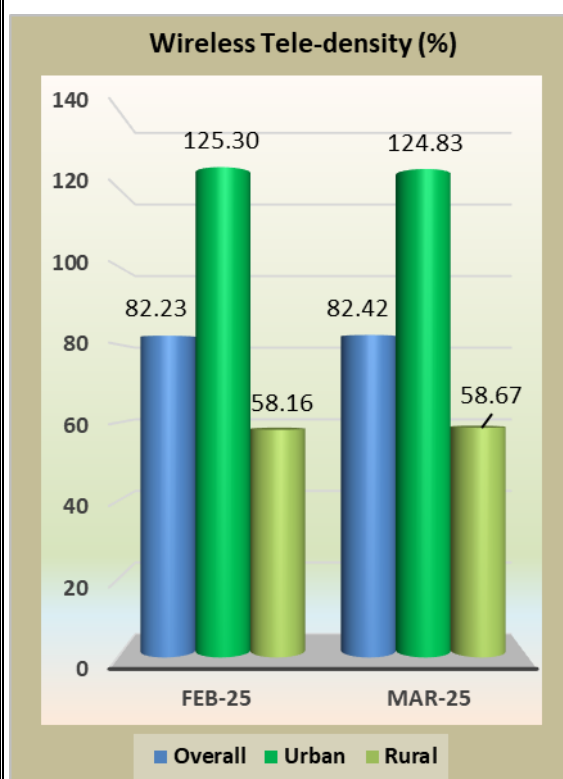
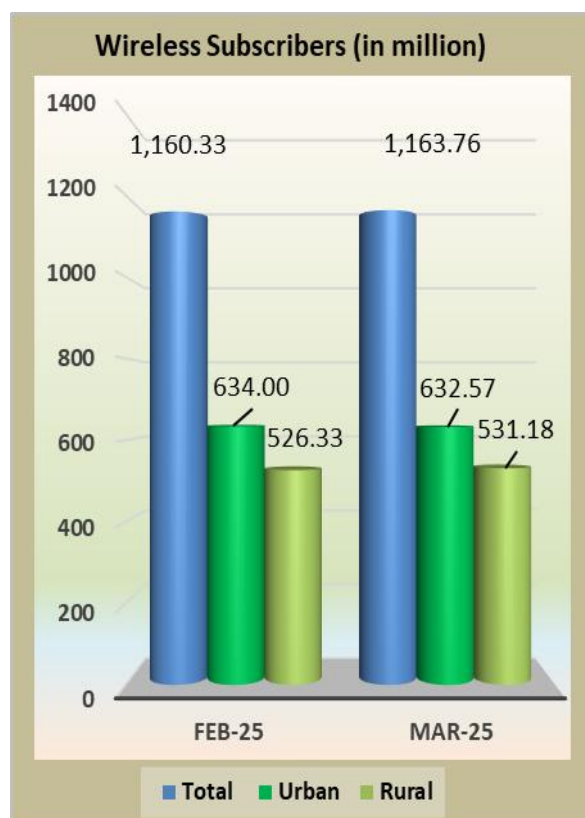


## Access Service Provider-wise Net Addition/Decline in wireline Subscribers during the month of March, 2025



### III. Wireless (Mobile+5G FWA) Subscribers

- Total wireless (mobile+5G-FWA) subscribers increased from 1,160.33 million at the end of February-25 to 1,163.76 million at the end of March-25, thereby registering a monthly growth rate of 0.28%. Total Wireless subscription in urban areas decreased from 634 million on February-25 to 632.57 million on March-25 and the subscription in rural areas also increased from 526.33 million to 531.18 million during the same period. The monthly growth rate of urban and rural wireless subscriptions was -0.26% and 0.92%, respectively.



- The Wireless Tele-density in India increased from 82.23% at the end of Feb-25 to 82.42% at the end of Mar-25. The Urban Wireless Tele-density decreased from 125.30% at the end of Feb-25 to 124.83% at the end of Mar-25 however, the Rural Tele-density increased from 58.16% to 58.67% during the same period. The share of urban and rural wireless subscribers in the total number of wireless subscribers was 54.36% and 45.64%, respectively, at the end of March-25.

- The details of Wireless (mobile) and Wireless (5G FWA) subscribers are detailed below: -

#### (A) Wireless (Mobile) subscriber

- Total wireless (Mobile) subscribers increased from 1,154.05 million at the end of Feb-25 to 1,156.99 million at the end of Mar-25, thereby registering a monthly growth rate of 0.25%. Wireless (Mobile) subscription in urban areas increased from 627.94 million at the end of Feb-25 to 628.31 million at the end of Mar-25 and wireless (Mobile) subscription in rural areas also increased from 526.11 million to 528.68 million during the same period. Monthly growth rate of urban and rural wireless (Mobile) subscription was 0.06% and 0.49% respectively.

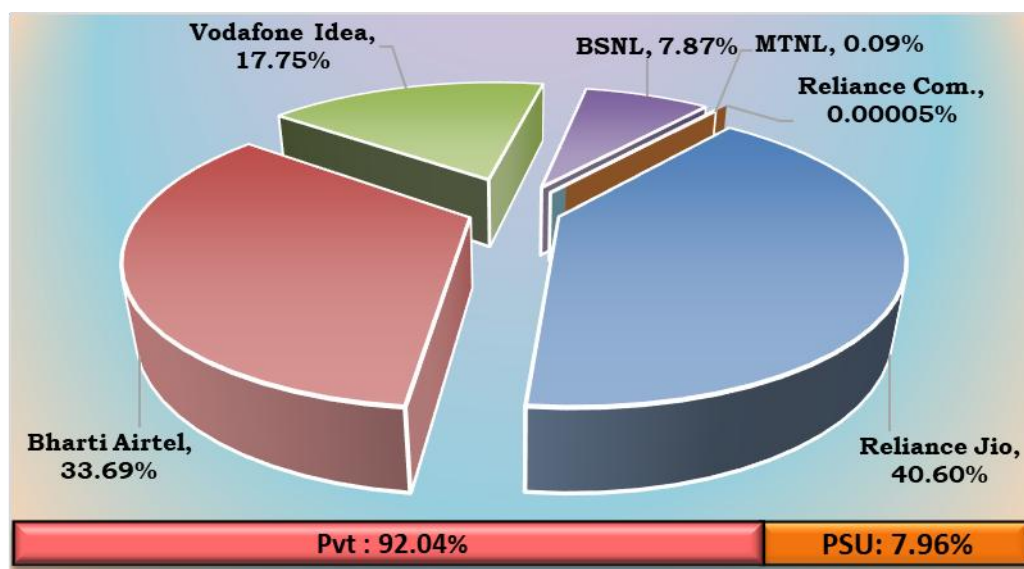


- The Wireless (Mobile) Tele-density in India increased from 81.79% at the end of Feb-25 to 81.94% at the end of Mar-25. The Urban Wireless Tele-density decreased from 124.10% at the end of Feb-25 to 123.99% at the end of Mar-25 however Rural Tele-density increased from 58.13% to 58.40% during the same period. The share of urban and rural wireless (Mobile) subscribers in total number of wireless (Mobile) subscribers was 54.31% and 45.69% respectively at the end of March 2025. Detailed statistics of wireless (Mobile) subscriber base is available at **Annexure-II**.

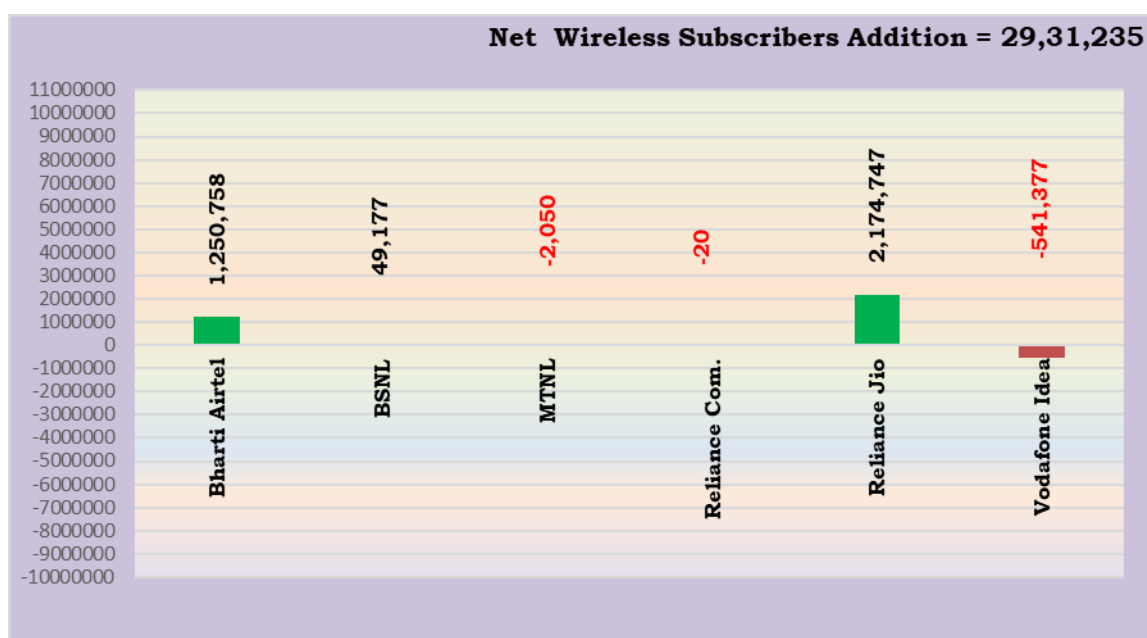


- As on 31<sup>st</sup> March 2025, the private access service providers held 92.04% market share of the wireless (Mobile) subscribers, whereas BSNL and MTNL, the two PSU access service providers, had a market share of only 7.96%.
- The graphical representation of access service provider-wise market share and net additions in wireless (Mobile) subscriber base are given below: -

### Access Service Provider-wise Market Shares in term of Wireless (Mobile) Subscribers as on 31<sup>st</sup> March, 2025



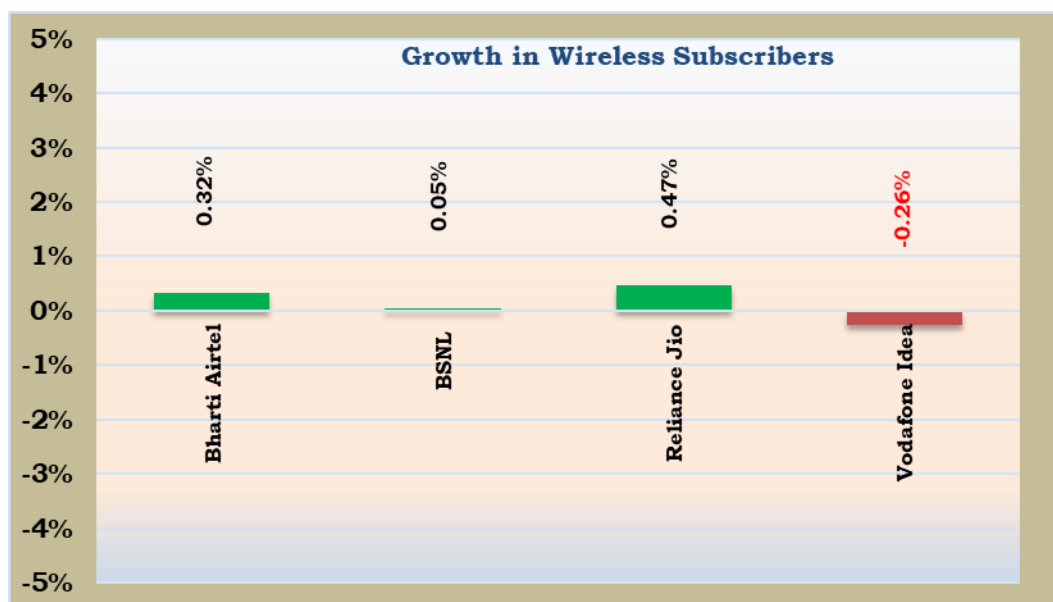
### Net Addition/ Decline in Wireless (Mobile) Subscribers of Access Service Providers in the month of March, 2025



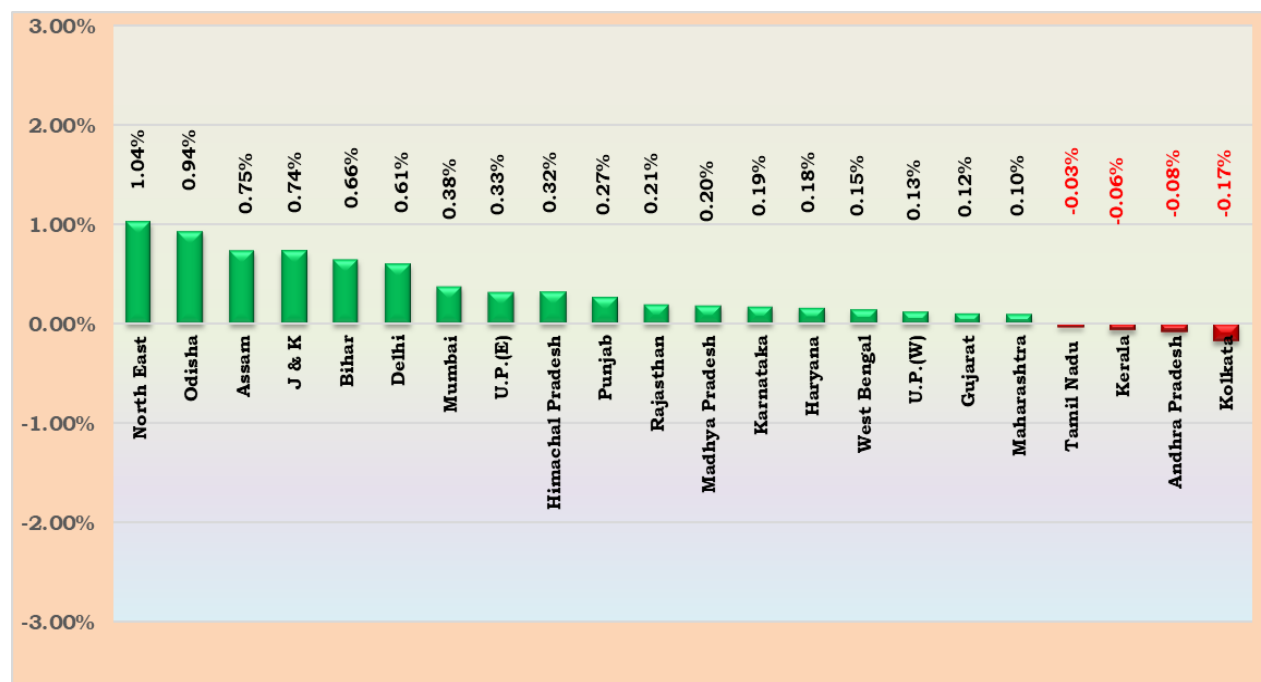


## Growth in Wireless (Mobile) Subscribers

### Major Access Service Provider-wise Monthly Growth/ Decline Rate of Wireless Subscribers in the month of March, 2025



### Service Area-wise Monthly Growth/ Decline Rate of Wireless (Mobile) Subscribers in the month of March, 2025



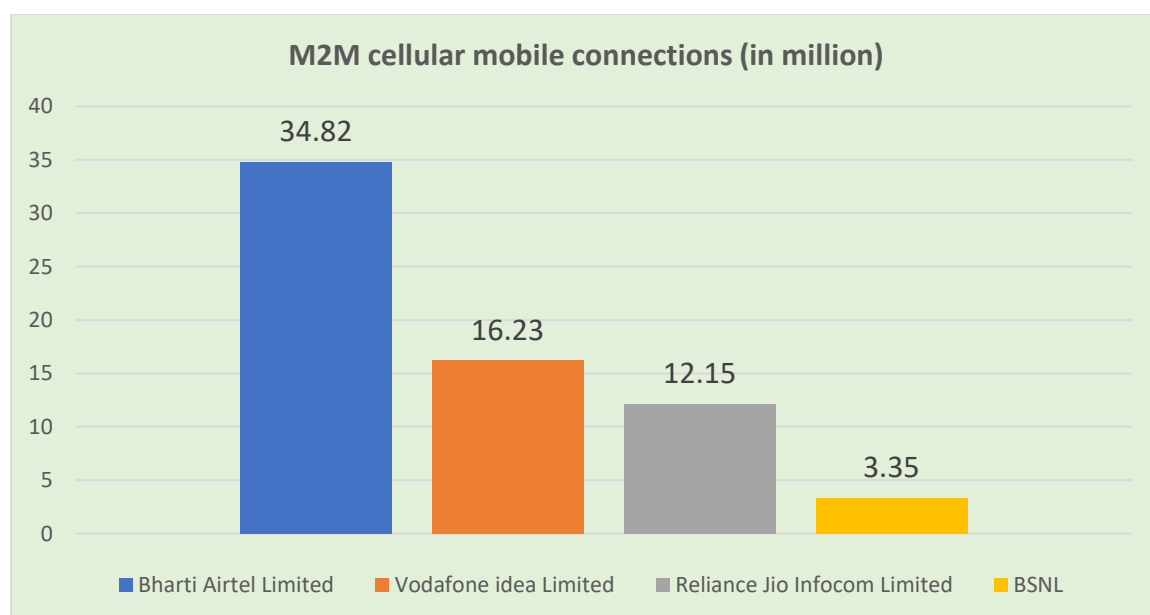
- Except Tamil Nadu, Kerala, Andhra Pradesh and Kolkata all other service areas have showed growth in their wireless (Mobile) subscribers during the month of March-25.

## (B) Wireless (5G FWA) subscribers

- Total wireless (5G FWA) subscribers increased from 6.27 million at the end of February-25 to 6.77 million at the end of March-25 with subscriptions in urban and rural areas of 4.26 million and 2.51 million, respectively
- The share of urban and rural wireless (5G FWA) subscribers in the total number of wireless (5G FWA) subscribers was 62.97% and 37.03%, respectively at the end of March, 2025. Detailed statistics of the wireless (5G FWA) subscriber base is available at **Annexure-V**

## IV. M2M cellular mobile connections

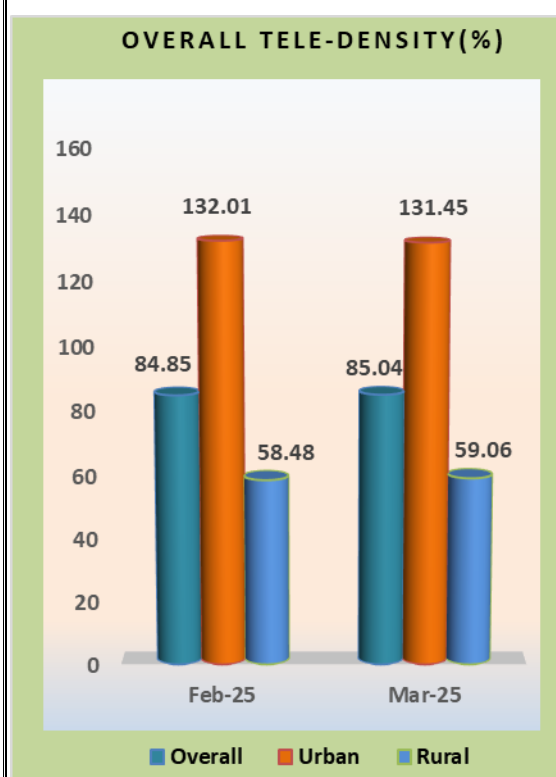
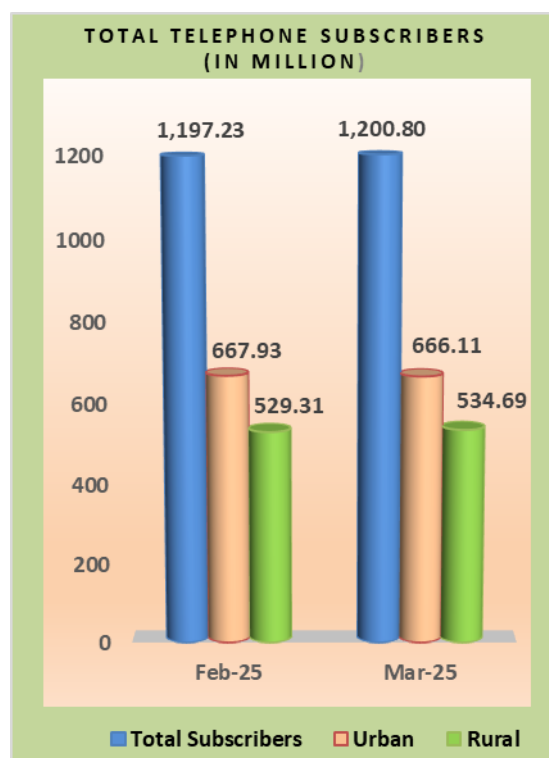
Number of M2M cellular mobile connections increased from 64.71 million at the end of February-25 to 66.54 million at the end of March-25.



Bharti Airtel Limited has the highest number of M2M cellular mobile connections 34.82 million with a market share of 52.32% followed by Vodafone idea Limited, Reliance Jio Infocom Limited and BSNL with market share of 24.39%, 18.25% and 5.04% respectively.

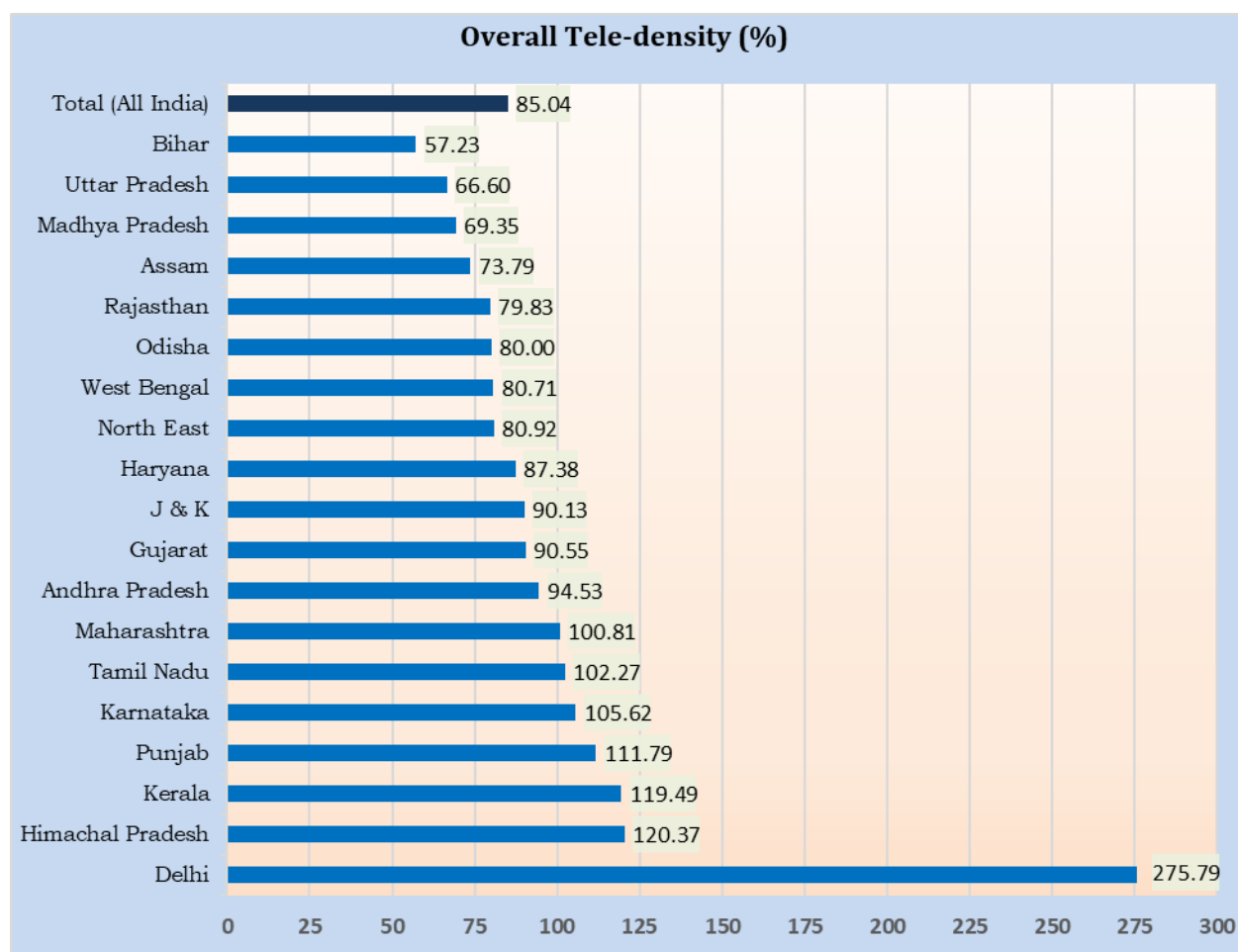
## V. Total Telephone Subscribers

- The number of total telephone subscribers in India increased from 1,197.23 million at the end of Feb-25 to 1,200.80 million at the end of Mar-25, thereby showing a monthly growth rate of 0.28%. Urban telephone subscription decreased from 667.93 million at the end of Feb-25 to 666.11 million at the end of Mar-25 however the rural subscription increased from 529.31 million to 534.69 million during the same period. The monthly growth rates of urban and rural telephone subscription were -0.30% and 1.02% respectively during the month of March, 2025.



- The overall Tele-density in India increased from 84.85% at the end of Feb-25 to 85.04% at the end of Mar-25. The Urban Tele-density decreased from 132.01% at the end of Feb-25 to 131.45% at the end of Mar-25 however Rural Tele-density increased from 58.48% to 59.06% during the same period. The share of urban and rural subscribers in total number of telephone subscribers at the end of March-25 were 55.47% and 44.53% respectively.

## Overall Tele-density (LSA Wise) – As on 31<sup>st</sup> March, 2025



- As may be seen in the above chart, eight LSA have less tele-density than the all-India average tele-density at the end of March-25. Delhi service area has maximum tele-density of 275.79% and the Bihar service area has minimum tele-density of 57.23% at the end of March-25.

### Notes: -

- Population data/projections are available state wise only.
- Tele-density figures are derived from the telephone subscriber data provided by the access service providers and the projection of population from the "Report of the Technical Group on Population Projections for India and States 2011 – 2036.
- Telephone subscriber data for Delhi, includes, apart from the data for the State of Delhi, wireless subscriber data for the areas served by the local exchanges of Ghaziabad & Noida (in Uttar Pradesh) and Gurgaon & Faridabad (in Haryana).
- Data/information for West Bengal includes Kolkata, Maharashtra includes Mumbai and Uttar Pradesh includes UPE & UPW service area(s).
- Data/information for Andhra Pradesh includes Telengana, Madhya Pradesh includes Chhatisgarh, Bihar includes Jharkhand, Maharashtra includes Goa, Uttar Pradesh includes Uttarakhand, West Bengal includes Sikkim and North-East includes Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland & Tripura States.

## VI. Category-wise Growth in subscriber base

### Circle Category-wise Net Additions in Telephone Subscribers in the month March, 2025

Circle Category	Net additions in the month of March, 2025		Telephone Subscriber base as on 31 <sup>st</sup> March, 2025	
	Wireline segment	Wireless* segment	Wireline segment	Wireless* segment
Circle A	61442	161244	14568246	386538167
Circle B	63707	1110993	10199907	471472982
Circle C	17156	1470149	2946671	192267604
Metro	-7369	469123	9325910	113476417
<b>All India</b>	<b>134936</b>	<b>3211509</b>	<b>37040734</b>	<b>1163755170</b>

\*Wireless includes 5G FWA subscription also

### Circle Category-wise monthly and yearly Growth Rates in Telephone Subscribers in the month of March, 2025

Circle Category	Monthly growth rate (%) (February-25 to March-25)		Yearly growth rate (%) (March-24 to March-25)	
	Wireline Segment	Wireless* Segment	Wireline Segment	Wireless* Segment
Circle A	0.42%	0.04%	10.69%	-0.48%
Circle B	0.63%	0.24%	13.09%	-0.41%
Circle C	0.59%	0.77%	11.88%	1.74%
Metro	-0.08%	0.42%	3.88%	-1.09%
<b>All India</b>	<b>0.37%</b>	<b>0.28%</b>	<b>9.62%</b>	<b>-0.15%</b>

\*Wireless includes 5G FWA subscription also

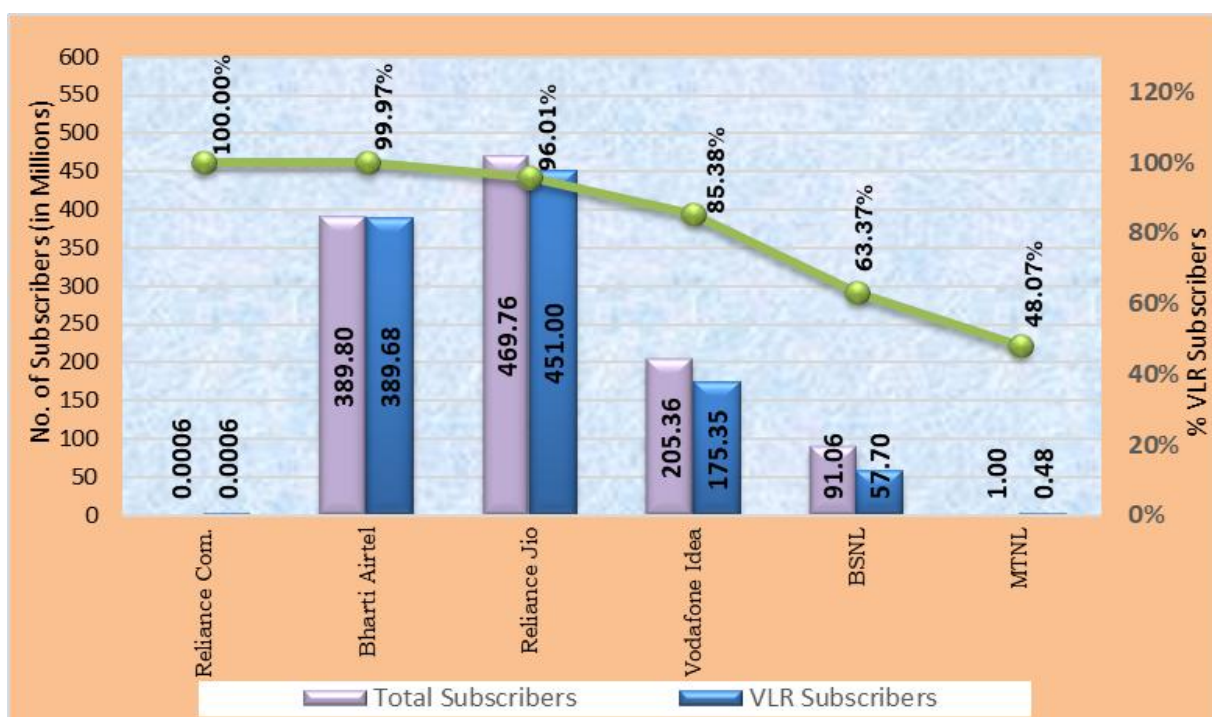
Note: Circle Category-Metro includes Delhi, Mumbai and Kolkata. Data for Chennai has been included in Circle Category-A, as part of TamilNadu.

- As can be seen in the above tables, in the wireless segment, during the month of March 2025, on monthly basis, all circles have registered growth rate in their subscriber base. On a yearly basis, except Circle 'C', all other circles have registered a decline in their subscriber base.
- In the Wireline segment, during the month of March 2025, on monthly basis, except Circle 'Metro', all other circles have registered growth in their subscriber base. On yearly basis, all circles have registered growth in their subscriber.

## VII. Active Wireless (Mobile) Subscribers (VLR Data)

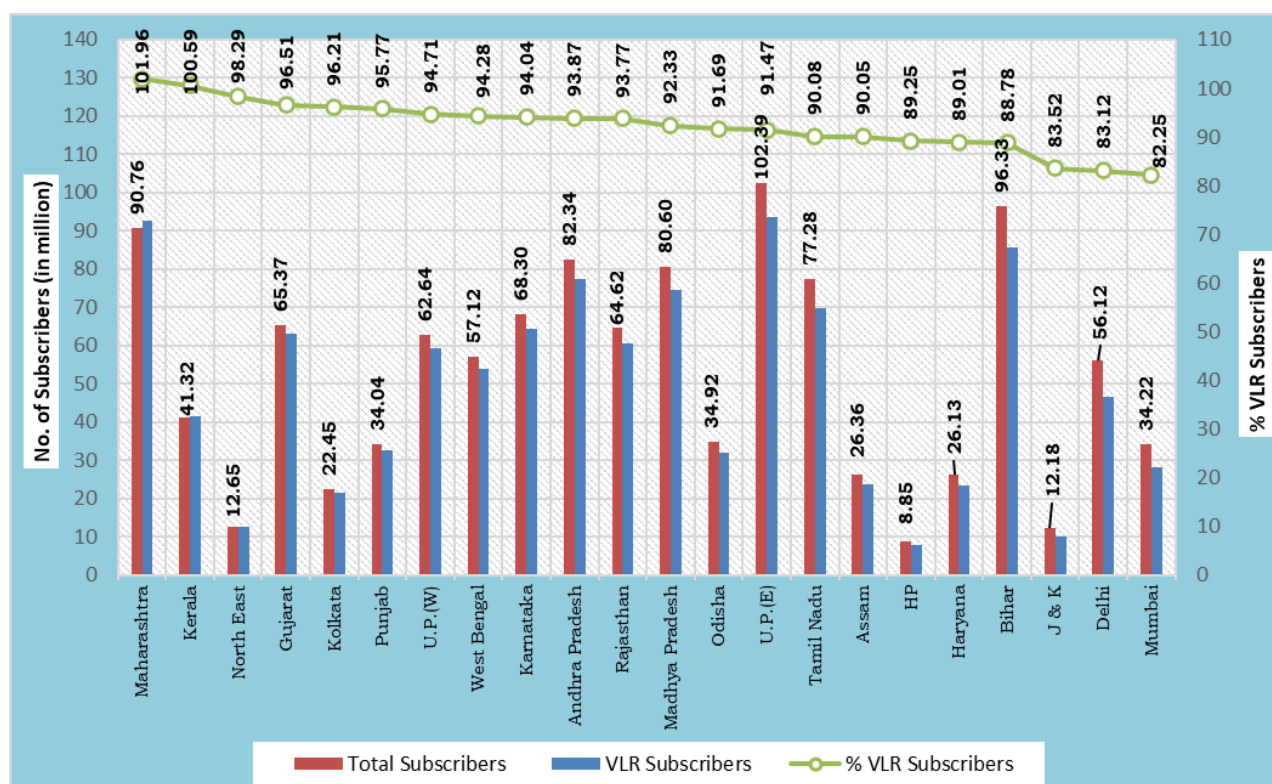
- Out of the total 1156.99 million wireless subscribers, 1074.21 million wireless subscribers were active on the date of peak VLR in the month of March-25. The proportion of active wireless subscribers was approximately 92.85% of the total wireless subscriber base.
- The detailed statistics on proportion of active wireless subscribers (also referred to as VLR subscribers) on the date of peak VLR in the month of March-25 is available at **Annexure-III** and the methodology used for reporting VLR subscribers is available at **Annexure-IV**.

### Access Service Provider-wise Percentage of VLR Subscribers in the month of March, 2025



- Reliance Communication has the maximum proportion 100% of its active wireless subscribers (VLR) as against its total wireless subscribers (HLR) on the date of peak VLR in the month of March-25 and MTNL has the minimum proportion of VLR 48.07% of its HLR during the same period.

### Service Area wise percentage of VLR Subscribers in the month of March, 2025



### VIII. Mobile Number Portability (MNP)

- Intra-service area Mobile number portability (MNP) was implemented first in Haryana service area w.e.f. 25.11.2010 and in the rest of the country w.e.f. 20.01.2011. Inter-Service Area MNP has been implemented in the country w.e.f. 03.07.2015. Now, the wireless telephone subscribers can retain their mobile numbers when they relocate from one service area to another.
- During the month of March-25, a total of 13.54 million requests were received for MNP. Out of total 13.54 million, new requests received from Zone-I & Zone-II were 7.51 million and 6.03 million respectively. The cumulative MNP requests increased from 1105.39 million at the end of February-25 to 1118.94 million at the end of March-25, since the implementation of MNP.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Uttar Pradesh-East (about 111.89 million) followed by Maharashtra (about 90.87 million) service area.



- In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Madhya Pradesh (about 88.41 million) followed by Karnataka (about 73.53 million).

Service Area Wise MNP Status					
Zone-I			Zone-II		
Service Area	Number of Porting Requests (in Million)		Service Area	Number of Porting Requests (in Million)	
	Feb-25	Mar-25		Feb-25	Mar-25
Delhi	52.65	53.25	Andhra Pradesh	72.06	72.69
Gujarat	75.20	76.11	Assam	8.09	8.20
Haryana	34.79	35.19	Bihar	63.84	64.93
Himachal Pradesh	4.64	4.68	Karnataka	72.96	73.53
Jammu & Kashmir	3.17	3.23	Kerala	26.11	26.34
Maharashtra	89.94	90.87	Kolkata	20.00	20.17
Mumbai	35.98	36.23	Madhya Pradesh	87.16	88.41
Punjab	36.01	36.37	North East	2.52	2.55
Rajasthan	73.85	74.56	Odisha	19.26	19.48
U.P.(East)	110.02	111.89	Tamil Nadu	68.67	69.33
U.P.(West)	82.68	84.03	West Bengal	65.79	66.88
<b>Total</b>	<b>598.92</b>	<b>606.43</b>	<b>Total</b>	<b>506.48</b>	<b>512.51</b>
<b>Total (Zone-I + Zone-II)</b>				<b>1,105.39</b>	<b>1,118.94</b>
<b>Net Addition (March, 2025)</b>		<b>13.54 million</b>			

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**Pr. Advisor (F&EA)**

Wireline Subscriber Base																							Annexure-I
Service Area	BSNL		MTNL		Bharti Airtel		Reliance Com.		Tata Tele.		Quadrant		Vodafone Idea		Reliance Jio		STPL		APSFL		Total		Net Addition
	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	
Andhra Pradesh	670169	668464			803492	818838	16308	15739	226826	225405			84700	82230	1575641	1602029			629972	629518	4007108	4042223	35115
Assam	105727	105929			54789	57484	0	0					2580	2550	207915	209193					371011	375156	4145
Bihar	167544	168961			370059	375859	9	9	13055	13215			5557	5337	591023	598865					1147247	1162246	14999
Delhi	0	0	968648	965361	2330608	2339228	14021	13947	238951	232871			77501	76961	1089259	1090047					4718988	4718415	-573
Gujarat	474873	473623			312678	312900	2478	2474	197239	200265			106179	104351	774930	796515					1868377	1890128	21751
Haryana	334407	336160			194165	198273	0	0	39394	39148			450	450	156034	157469					724450	731500	7050
Himachal Pradesh	96451	96674			14302	15269	0	0	1320	1319			90	90	65082	65577					177245	178929	1684
J & K	56428	55249			130607	132443	0	0					30	30	223701	226081					410766	413803	3037
Karnataka	692504	688040			1294946	1289853	15555	14366	498881	494611			168369	173357	1010480	1020310					3680735	3680537	-198
Kerala	1238376	1235087			120729	120845	2595	2401	16632	16605			6660	6600	358584	361762					1743576	1743300	-276
Kolkata	241934	239254			212960	213273	3122	3118	64779	63409			14954	14664	539845	546574					1077594	1080292	2698
Madhya Pradesh	310075	311067			596774	602830	5	5	43948	42571			92245	84192	917345	927302					1960392	1967967	7575
Maharashtra	677814	671163			591364	595716	7186	7089	216605	214767			20613	20463	326782	325461					1840364	1834659	-5705
Mumbai	3800	3800	1051469	1044220	651140	648119	33350	32357	635460	627077			180300	183141	981178	988489					3536697	3527203	-9494
North East	61203	61773			0	0	0	0					510	510	207682	209073					269395	271356	1961
Odisha	171428	157382			74255	75498	4	4	17178	16821			3450	3450	287536	292026					553851	545181	-8670
Punjab	556545	559074			372762	378144	1781	1780	15159	15130	350594	346098	1560	1600	401951	406580	54010	54010			1754362	1762416	8054
Rajasthan	304901	303253			322342	325545	2995	2988	24159	24325			13075	13045	464725	471841					1132197	1140997	8800
Tamil Nadu	999092	996350			998195	1005678	12579	11400	133495	132543			31905	31906	934954	942822					3110220	3120699	10479
U.P.(E)	137995	139467			321834	325394	28	28	12593	12649			17500	17470	618558	624029					1108508	1119037	10529
U.P.(W)	217013	215475			220256	223098	7	7	6859	6972			4166	4396	695619	706723					1143920	1156671	12751
West Bengal	197276	197536			84515	86815	21	21	2593	2690			150	150	284240	290807					568795	578019	9224
<b>Total</b>	<b>7715555</b>	<b>7683781</b>	<b>2020117</b>	<b>2009581</b>	<b>#####</b>	<b>10141102</b>	<b>112044</b>	<b>107733</b>	<b>2405126</b>	<b>2382393</b>	<b>350594</b>	<b>346098</b>	<b>832544</b>	<b>826943</b>	<b>12713064</b>	<b>12859575</b>	<b>54010</b>	<b>54010</b>	<b>629972</b>	<b>629518</b>	<b>36905798</b>	<b>37040734</b>	<b>134936</b>
<b>Net Addition</b>		<b>-31774</b>		<b>-10536</b>		<b>68330</b>		<b>-4311</b>		<b>-22733</b>		<b>-4496</b>		<b>-5601</b>		<b>146511</b>		<b>0</b>		<b>-454</b>		<b>134936</b>	
<b>Rural Subscribers</b>	2,163,208	2,178,675	29	29	2,443	2,744	300	300	5,829	5,512	64,091	63,995	0	0	274,894	783,502		0	466179	465843	<b>2976973</b>	<b>3500600</b>	<b>523627</b>

Wireless (Mobile) Subscriber Base														Annexure-II	
Circle	Bharti Airtel		Reliance Com.		Vodafone Idea		BSNL		MTNL		Reliance Jio		Total		Net Addition
	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	
Andhra Pradesh	33,860,754	33,923,195	0	0	9,845,623	9,699,287	6,903,380	6,937,453			31,790,196	31,776,074	82399953	82336009	-63944
Assam	12,055,507	12,241,287	0	0	1,417,678	1,420,096	2,967,914	2,970,848			9,722,615	9,726,580	26163714	26358811	195097
Bihar	40,895,126	41,096,191	0	0	7,656,740	7,727,548	5,782,332	5,771,775			41,361,261	41,730,845	95695459	96326359	630900
Delhi	18,682,396	18,771,602	1	1	16,609,337	16,756,217			789,439	789,314	19,700,790	19,802,703	55781963	56119837	337874
Gujarat	12,352,213	12,359,251	13	1	19,675,139	19,629,831	3,302,506	3,266,954			29,967,554	30,117,232	65297425	65373269	75844
Haryana	7,191,413	7,245,664	0	0	6,369,641	6,365,079	4,204,949	4,212,938			8,314,955	8,303,012	26080958	26126693	45735
Himachal Pradesh	3,569,833	3,575,615	0	0	370,541	379,892	1,672,546	1,682,282			3,212,893	3,216,541	8825813	8854330	28517
J & K	6,132,818	6,179,009	0	0	248,300	262,607	862,014	866,466			4,848,972	4,873,069	12092104	12181151	89047
Karnataka	32,280,135	32,306,447	411	412	6,678,934	6,628,032	4,568,771	4,573,403			24,638,183	24,786,795	68166434	68295089	128655
Kerala	8,892,846	8,915,860	0	0	12,982,134	12,920,924	8,749,409	8,780,341			10,718,043	10,699,305	41342432	41316430	-26002
Kolkata	5,461,847	5,435,465	0	0	4,889,056	4,851,202	1,453,411	1,454,781			10,685,633	10,710,207	22489947	22451655	-38292
Madhya Pradesh	16,591,031	16,642,059	0	0	13,723,887	13,599,147	5,150,121	5,164,051			44,977,398	45,194,727	80442437	80599984	157547
Maharashtra	22,587,314	22,583,417	0	0	20,415,258	20,309,525	5,299,872	5,301,279			42,370,458	42,565,948	90672902	90760169	87267
Mumbai	10,129,508	10,124,250	66	56	10,700,586	10,711,200			210,840	208,915	13,045,333	13,172,111	34086333	34216532	130199
North East	6,297,679	6,419,608	0	0	643,723	637,041	1,287,306	1,290,499			4,293,124	4,305,145	12521832	12652293	130461
Odisha	11,810,695	11,996,212	0	0	1,394,725	1,397,972	5,573,420	5,573,279			15,821,044	15,956,645	34599884	34924108	324224
Punjab	12,500,330	12,564,173	6	6	6,058,132	6,037,566	4,060,849	4,092,007			11,328,559	11,347,016	33947876	34040768	92892
Rajasthan	23,346,647	23,434,836	80	81	9,218,487	9,173,311	5,622,038	5,634,425			26,301,466	26,378,934	64488718	64621587	132869
Tamil Nadu	30,067,680	30,155,175	0	0	14,807,824	14,731,787	7,803,561	7,783,902			24,623,436	24,608,262	77302501	77279126	-23375
U.P.(E)	36,539,391	36,484,630	0	0	16,061,155	16,128,148	8,081,460	8,081,876			41,378,733	41,697,984	102060739	102392638	331899
U.P.(W)	18,893,870	18,885,824	0	0	14,411,142	14,371,653	4,995,971	4,984,322			24,260,684	24,399,462	62561667	62641261	79594
West Bengal	18,414,246	18,464,267	9	9	11,722,068	11,620,668	2,669,657	2,637,783			24,227,775	24,395,255	57033755	57117982	84227
Total	388553279	389804037	586	566	205900110	205358733	91011487	91060664	1000279	998229	467589105	469763852	1154054846	1156986081	2931235
Net Addition		1250758		-20		-541377		49177		-2050		2174747	0	2931235	
Rural Subscribers	190,502,277	192,417,015	0	0	97,992,420	97,566,288	29,764,692	29,802,138	16,499	16,497	207,839,050	208,876,274	526114938	528678212	2563274

Proportion of VLR on the date of Peak VLR in the month of Mar-25 (%)							Annexure-III
Circle	Bharti	BSNL	Vodafone Idea	MTNL	Reliance Com.	Reliance Jio	Total
Andhra Pradesh	99.85	69.43	92.04		-	93.37	<b>93.87</b>
Assam	99.05	26.65	92.68		-	97.71	<b>90.05</b>
Bihar	90.81	37.68	84.60		-	94.63	<b>88.78</b>
Delhi	95.01		54.68	41.49	100.00	97.58	<b>83.12</b>
Gujarat	107.20	54.39	91.92		0.00	99.68	<b>96.51</b>
Haryana	101.73	40.32	92.79		-	99.72	<b>89.01</b>
Himachal Pradesh	95.23	52.67	103.75		-	100.01	<b>89.25</b>
J & K	88.55	63.00	84.82		-	80.73	<b>83.52</b>
Karnataka	99.65	75.87	75.41		100.00	95.06	<b>94.04</b>
Kerala	100.39	119.31	94.16		-	93.14	<b>100.59</b>
Kolkata	99.10	97.30	88.17		-	98.23	<b>96.21</b>
Madhya Pradesh	99.33	41.58	86.08		-	97.43	<b>92.33</b>
Maharashtra	107.43	101.66	93.22		-	103.27	<b>101.96</b>
Mumbai	88.55		71.50	72.93	100.00	86.28	<b>82.25</b>
North East	103.14	55.35	96.83		-	104.14	<b>98.29</b>
Odisha	104.27	48.02	91.81		-	97.47	<b>91.69</b>
Punjab	108.18	54.24	90.98		100.00	99.57	<b>95.77</b>
Rajasthan	102.78	45.13	91.20		100.00	97.05	<b>93.77</b>
Tamil Nadu	101.35	77.84	80.89		-	85.65	<b>90.08</b>
U.P. (E)	100.40	39.67	88.75		-	94.76	<b>91.47</b>
U.P. (W)	108.71	49.87	88.28		-	96.82	<b>94.71</b>
West Bengal	98.64	83.82	89.67		100.00	94.31	<b>94.28</b>
<b>Total</b>	<b>99.97</b>	<b>63.37</b>	<b>85.38</b>	<b>48.07</b>	<b>100.00</b>	<b>96.01</b>	<b>92.85</b>

**Note:** Peak VLR figures in some circles of some of the service providers are more than their HLR figures due to a large number of inroamers.

## VLR Subscribers in the Wireless Segment

**Home Location Register (HLR)** is a central database that contains details of each mobile phone subscriber that is authorized to use the GSM core network. The HLRs store details of every SIM card issued by the service provider. Each SIM has a unique identifier called an International Mobile Subscriber Identity (IMSI), which is the primary key to each HLR record. The HLR data is stored for as long as a subscriber remains with the service provider. HLR also manages the mobility of subscribers by means of updating their position in administrative areas. It sends the subscriber data to a Visitor Location Register (VLR).

**Subscriber numbers** reported by the service providers is the difference between the numbers of IMSI registered in service provider's HLR and sum of other figures as given below: -

<b>1</b>	<b>Total IMSI's in HLR (A)</b>
<b>2</b>	<b>Less: (B = a + b + c + d + e)</b>
a.	Test/Service Cards
b.	Employees
c.	Stock in hand/in Distribution Channels (Active Card)
d.	Subscriber Retention period expired
e.	Service suspended pending disconnection
<b>3</b>	<b>Subscribers Base (A-B)</b>

**Visitor Location Register (VLR)** is a temporary database of the subscribers who have roamed into the particular area, which it serves. Each base station in the network is served by exactly one VLR; hence a subscriber cannot be present in more than one VLR at a time.

If subscriber is in active stage i.e. he is able to send/receive calls/SMSs he is available both in HLR and VLR. However, it may be possible that the subscriber is registered in HLR but not in VLR due to the reason that he is either switched-off or moved out of coverage area, not reachable etc. In such circumstances he will be available in HLR but not in VLR. This causes difference between subscriber number reported by the service providers based on HLR and numbers available in VLR.

The VLR subscriber data calculated here is based on active subscribers in VLR on the date of Peak subscriber number in VLR of the particular month for which the data is being collected. This data is to be taken from the switches having the purge time of not more than 72 hours.

5G FWA Subscriber Base							Annexure-V
Service Area	Bharti Airtel		Reliance Jio		Total		
	Feb-25	Mar-25	Feb-25	Mar-25	Feb-25	Mar-25	
Andhra Pradesh	95,164	109,332	458,372	483,555	553,536	592,887	
Assam	14,862	18,926	106,093	112,772	120,955	131,698	
Bihar	23,348	31,033	373,007	393,755	396,355	424,788	
Delhi	73,883	80,217	236,463	248,601	310,346	328,818	
Gujarat	61,249	70,246	333,579	354,742	394,828	424,988	
Haryana	27,457	32,967	154,348	165,679	181,805	198,646	
Himachal Pradesh	4,025	4,963	40,243	43,423	44,268	48,386	
J & K	15,468	18,720	95,930	104,171	111,398	122,891	
Karnataka	97,490	110,459	322,500	338,177	419,990	448,636	
Kerala	17,093	20,238	101,275	107,195	118,368	127,433	
Kolkata	39,093	44,033	160,972	168,284	200,065	212,317	
Madhya Pradesh	40,913	48,253	321,624	341,863	362,537	390,116	
Maharashtra	91,759	104,860	441,225	467,583	532,984	572,443	
Mumbai	45,898	49,795	92,742	97,463	138,640	147,258	
North East	6,765	8,956	53,261	56,347	60,026	65,303	
Odisha	22,807	26,630	142,840	150,856	165,647	177,486	
Punjab	49,919	57,984	323,160	352,775	373,079	410,759	
Rajasthan	63,561	73,743	279,986	300,786	343,547	374,529	
Tamil Nadu	135,299	156,080	283,587	299,471	418,886	455,551	
U.P.(E)	50,363	59,990	396,470	426,558	446,833	486,548	
U.P.(W)	36,294	44,301	328,990	354,251	365,284	398,552	
West Bengal	21,726	26,031	190,228	203,025	211,954	229,056	
<b>Total</b>	<b>1034436</b>	<b>1,197,757</b>	<b>5,236,895</b>	<b>5,571,332</b>	<b>6,271,331</b>	<b>6,769,089</b>	
<b>Net Addition</b>		<b>163321</b>		<b>334437</b>		<b>497758</b>	
<b>Monthly Growth%</b>		<b>15.79%</b>		<b>6.39%</b>		<b>7.94%</b>	
<b>Rural Subscribers</b>			<b>213,625</b>	<b>2,506,272</b>	<b>213625</b>	<b>2,506,272</b>	