

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 29<sup>th</sup> August 2025

(www.trai.gov.in)

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

Particulars	Wireless*	Wireline	Total (Wireless+ Wireline)
<b>Broadband Subscribers</b> (Million)	<b>939.20</b>	<b>45.49</b>	<b>984.69</b>
<b>Urban Telephone Subscribers</b> (Million)	<b>641.03</b>	<b>42.48</b>	<b>683.52</b>
Net Addition in July 2025 (Million)	3.16	0.49	3.65
Monthly Growth Rate	0.50%	1.18%	0.54%
<b>Rural Telephone Subscribers</b> (Million)	<b>530.88</b>	<b>5.63</b>	<b>536.51</b>
Net Addition in July 2025 (Million)	-2.13	0.13	-1.99
Monthly Growth Rate	-0.40%	2.42%	-0.37%
<b>Total Telephone Subscribers</b> (Million)	<b>1171.91</b>	<b>48.11</b>	<b>1220.02</b>
Net Addition in July 2025 (Million)	1.03	0.63	1.66
Monthly Growth Rate	0.09%	1.32%	0.14%
<b>Overall Tele-density@(% )</b>	<b>82.75%</b>	<b>3.40%</b>	<b>86.15%</b>
Urban Tele-density@(% )	125.74%	8.33%	134.07%
Rural Tele-density@(% )	58.57%	0.62%	59.19%
Share of Urban Subscribers	54.70%	88.29%	56.02%
Share of Rural Subscribers	45.30%	11.71%	43.98%

❖ In the month of July 2025, 15.41 million subscribers submitted their requests for Mobile Number Portability (MNP).

❖ The Number of active wireless (Mobile) subscribers (on the date of peak VLR#) in July 2025 was 1083.14 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 telecom service providers (TSPs) are different in different service areas.

Information in this Press Release is based on the data provided by the TSPs to TRAI.

## I. Broadband Subscribers

- As per the information received from 1484 operators in July 2025, the total number of broadband subscribers increased from 979.71 million at the end of June 2025 to 984.69 million at the end of July 2025 with a monthly growth rate of 0.51%. Segment-wise number of broadband subscribers and their monthly growth rates are as below: -

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

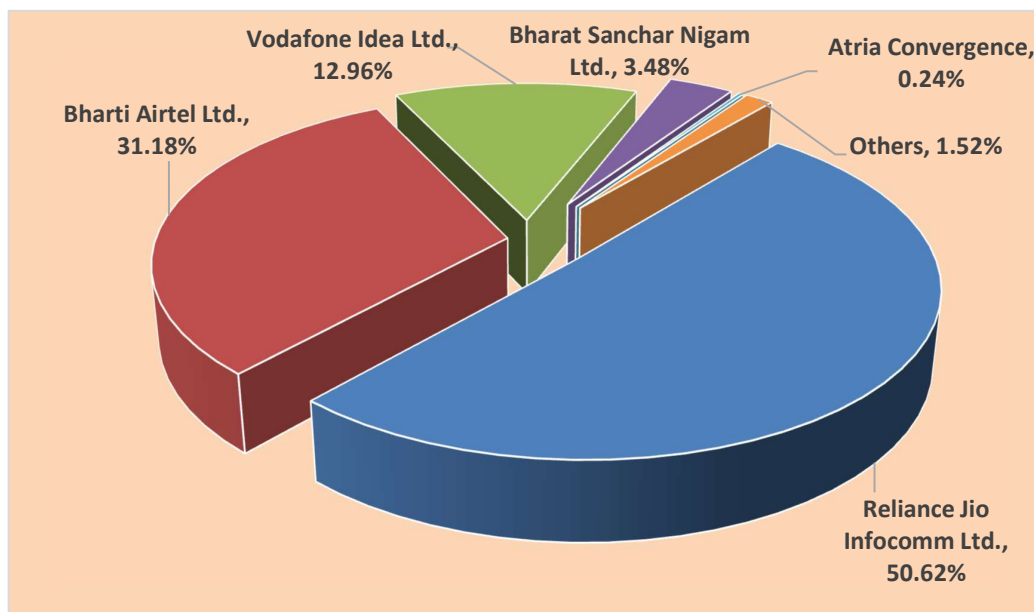
Segment	Subscription	Subscribers (in million)		Percent Change*
		June- 2025	July- 2025	
<b>Wired subscribers</b>	<b>Fixed (wired) Broadband</b> (DSL, FTTx, Ethernet/LAN, Cable Modem, ILL)	44.69	45.49	1.80%
<b>Wireless Subscribers</b>	<b>Fixed Wireless Broadband</b> (5G FWA, Wi-Fi, Wi-Max, Radio, Satellite)	8.21	8.79	7.09%
	<b>Mobile Broadband</b> (Handset/Dongle based)	926.81	930.41	0.39%
<b>Total Broadband Subscribers</b>		<b>979.71</b>	<b>984.69</b>	<b>0.51%</b>

### Top five Broadband (Wired + Wireless) Service providers as on 31<sup>st</sup> July 2025

S.N.	Name of the Service Provider	Subscriber base (In million)
1.	Reliance Jio Infocomm Ltd.	498.47
2.	Bharti Airtel Ltd.	307.07
3.	Vodafone Idea Ltd.	127.58
4.	Bharat Sanchar Nigam Ltd.	34.27
5.	Atria Convergence Technologies Ltd.	2.34
<b>Market Share of Top Five Broadband (Wired+Wireless)</b>		<b>98.48%</b>

- 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> July 2025**



**Top Five Fixed (Wired) Broadband Service providers as on 31<sup>st</sup> July 2025**

S.N.	Name of the Service Provider	Subscriber base (In million)
1.	Reliance Jio Infocomm Ltd.	14.52
2.	Bharti Airtel Ltd.	9.55
3.	Bharat Sanchar Nigam Ltd	4.36
4.	Atria Convergence Technologies Ltd.	2.34
5.	Kerala Vision Broadband Ltd.	1.39
<b>Market Share of Top Five Fixed (Wired) Broadband Service Providers</b>		<b>70.68%</b>

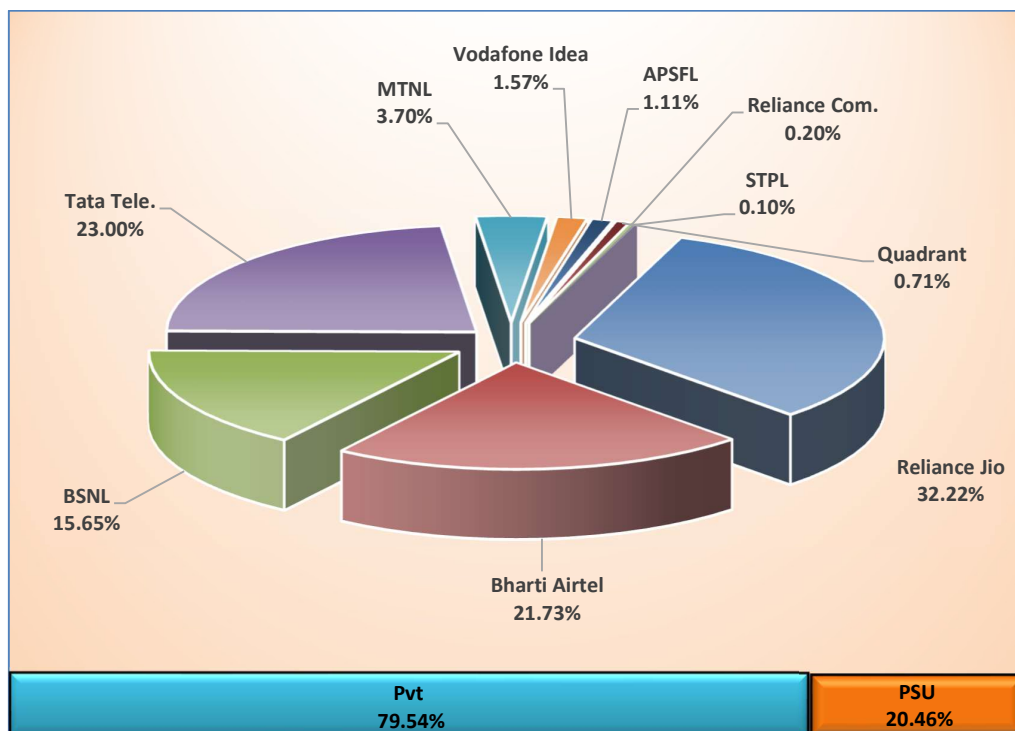
**Top five Wireless (Fixed wireless & mobile)  
Broadband Service providers as on 31<sup>st</sup> July 2025**

S.N.	Name of the Service Provider	Subscriber base (In million)
1.	Reliance Jio Infocomm Ltd.	483.95
2.	Bharti Airtel Ltd.	297.52
3.	Vodafone Idea Ltd.	127.57
4.	Bharat Sanchar Nigam Ltd..	29.91
5.	IBus Virtual Network Services Private Limited	0.12
<b>Market Share of Top Five Wireless Broadband Service Providers</b>		<b>99.99%</b>

## II. Wireline Subscribers

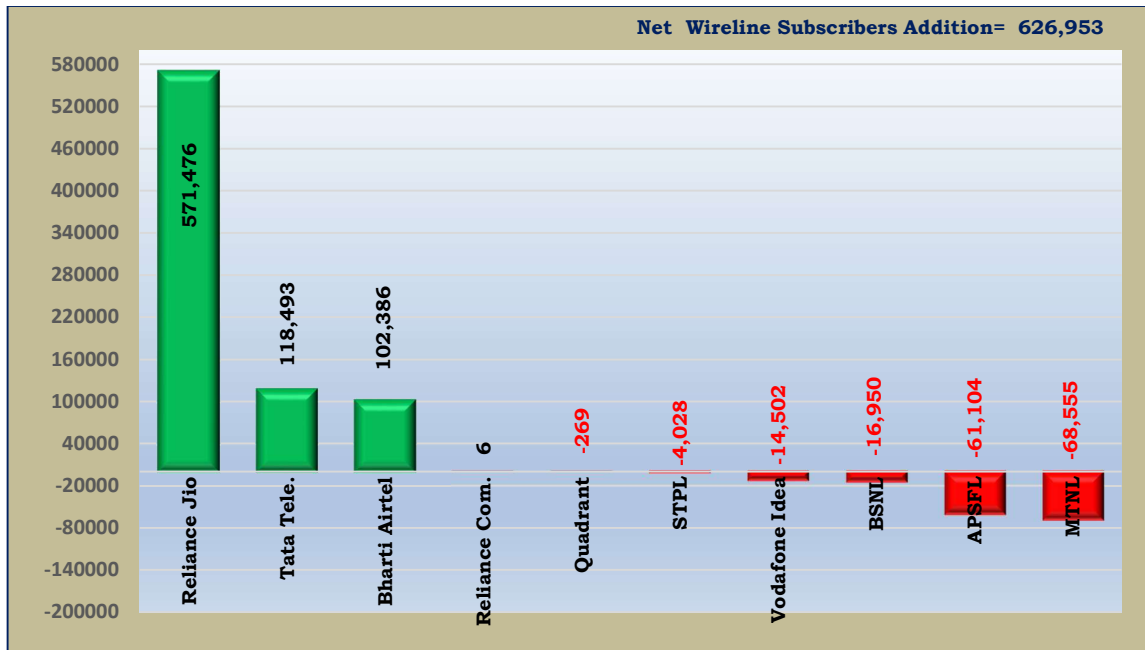
- Wireline subscribers increased from 47.49 million at the end of July 2025, to 48.11 million at the end of June 2025. The net increase in the wireline subscriber base was 0.63 million with a monthly growth rate of 1.32%.
- The overall wireline tele-density in India increased from 3.36% at the end of June 2025 to 3.40% at the of July 2025. Urban and rural wireline tele-density were 8.33% and 0.62% respectively, on 31<sup>st</sup> July 2025. The respective share of urban subscribers, and rural subscribers in total wireline subscribers were 88.29% and 11.71% respectively at the end of July 2025.
- BSNL, MTNL, and APSFL, the three PSU access service providers, held 20.46% of the wireline market share as on 31<sup>st</sup> July 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> July 2025



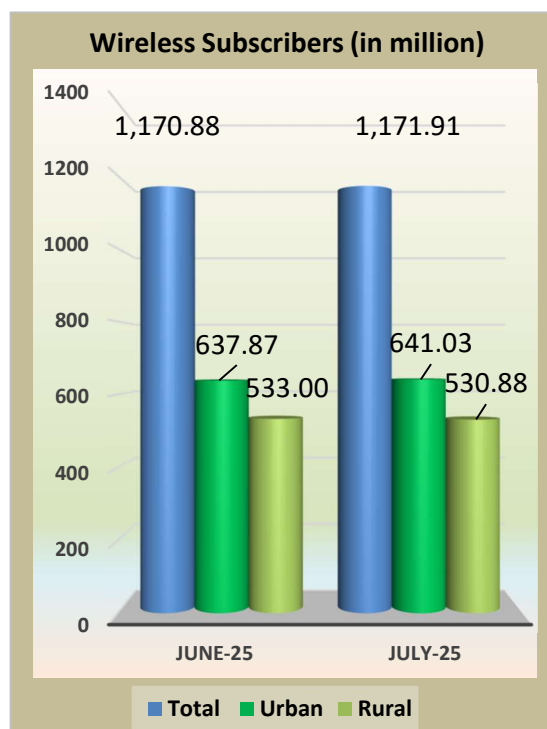
- The net addition/ decline in the wireline subscriber base of various access service providers in the month of July 2025 is given below:

**Access Service Provider-wise Net Addition/Decline in Wireline Subscribers during the month of July 2025**



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

- Total wireless (mobile + 5G FWA) subscribers increased from 1170.88 million at the end of June, 2025 to 1171.91 million at the end of July 2025, thereby registering a monthly growth rate of 0.09%. Total wireless subscription in urban areas increased from 637.87 million on 30<sup>th</sup> June 2025 to 641.03 million on 31<sup>st</sup> July 2025. The subscription in rural areas decreased from 533.00 million to 530.88 million during the same period. The monthly growth rate of urban and rural wireless subscriptions was 0.50% and -0.40%, respectively.

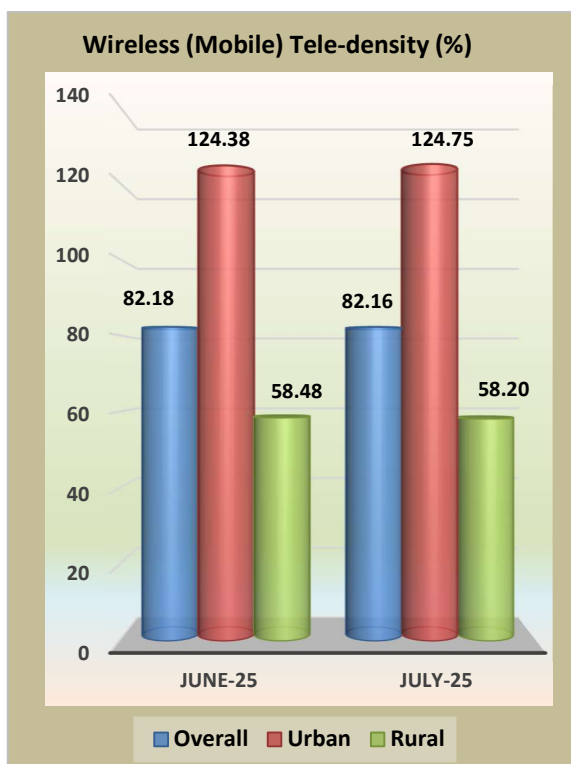


- The wireless tele-density in India increased from 82.74% at the end of June 2025 to 82.75% at the end of July 2025. The urban wireless tele-density increased from 125.31% at the end of June 2025 to 125.74% at the end of July 2025. The rural wireless tele-density decreased from 58.82% to 58.57% during the same period. The share of urban and rural wireless subscribers in the total number of wireless subscribers was 54.70% and 45.30%, respectively, at the end of July 2025.

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

### **(A) Wireless (mobile) subscriber**

• Total wireless (mobile) subscribers increased from 1163.03 million at the end of June 2025 to 1163.51 million at the end of July 2025 thereby registering a monthly growth rate of 0.04%. Wireless (mobile) subscription in urban areas increased from 633.14 million at the end of June 2025 to 636.02 million at the end of July 2025 and wireless (mobile) subscription in rural areas decreased from 529.88 million to 527.49 million during the same period. The monthly growth rates of urban and rural wireless (mobile) subscription were 0.45% and -0.45% respectively.

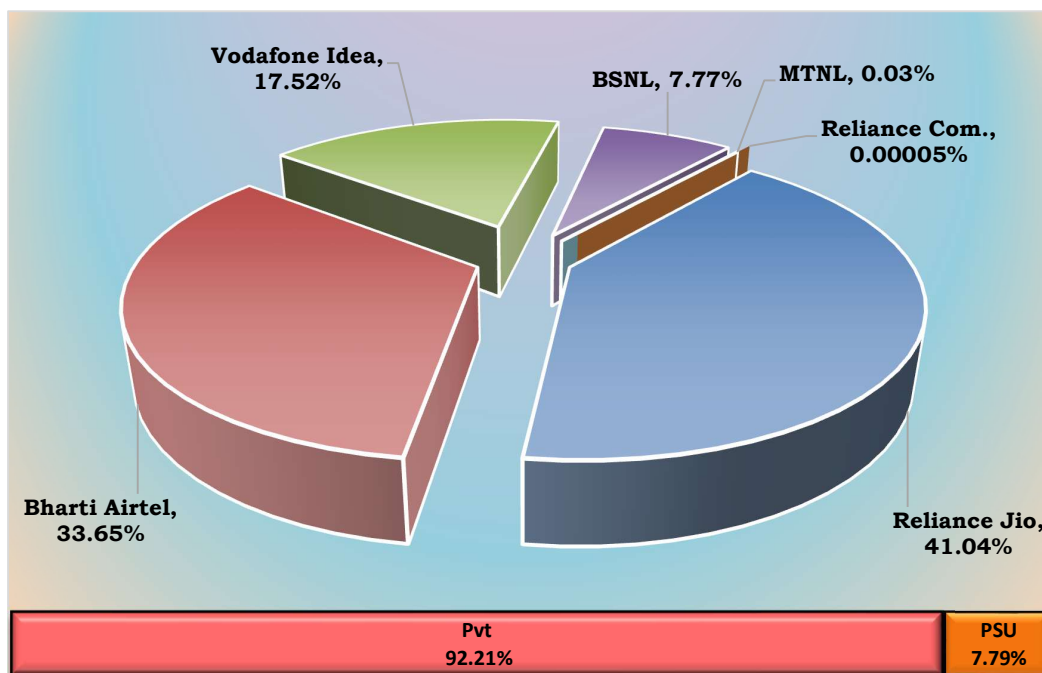


• The wireless (mobile) tele-density in India decreased from 82.18% at the end of June 2025 to 82.16% at the end of July 2025. The urban wireless (mobile) tele-density increased from 124.38% at the end of June 2025 to 124.75% at the end of July 2025 and rural wireless (mobile) tele-density decreased from 58.48% to 58.20% during the same period. The shares of urban and rural wireless (mobile) subscribers in total number of wireless (mobile) subscribers were 54.66% and 45.34% respectively at the end of July 2025.

The detailed statistics of wireless (mobile) subscriber base is available at **Annexure-II.**

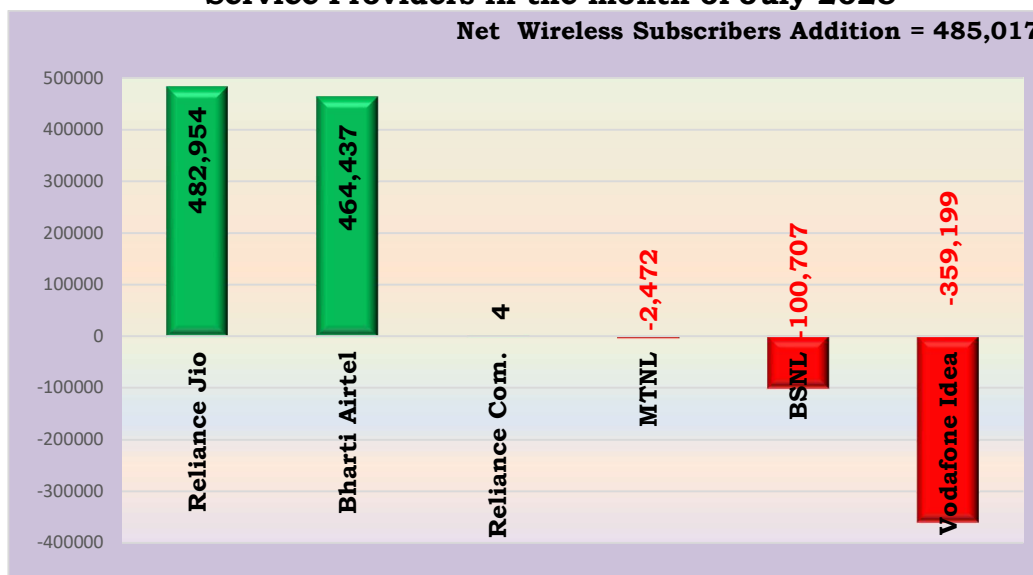
- As on 31<sup>st</sup> July 2025 the private access service providers held 92.21% market share of the wireless (mobile) subscribers, whereas BSNL and MTNL, the two PSU access service providers, had a market share of only 7.79%.
- The graphical representation of access service provider-wise market share 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> July 2025**



**Net Addition/ Decline in Wireless (Mobile) Subscribers of Access Service Providers in the month of July 2025**

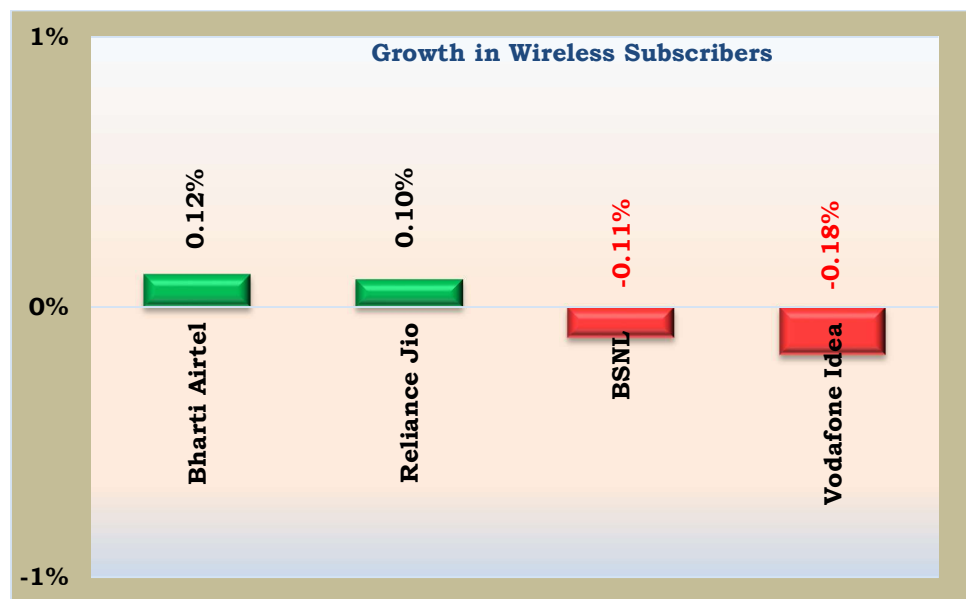
Net Wireless Subscribers Addition = 485,017



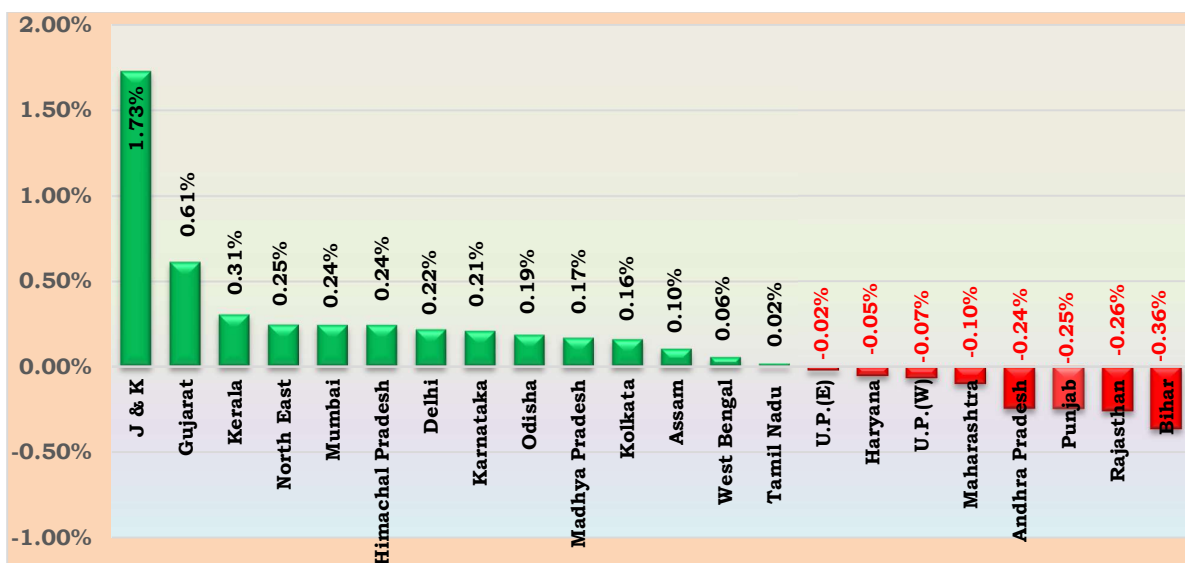


## Growth in Wireless (Mobile) Subscribers

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



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



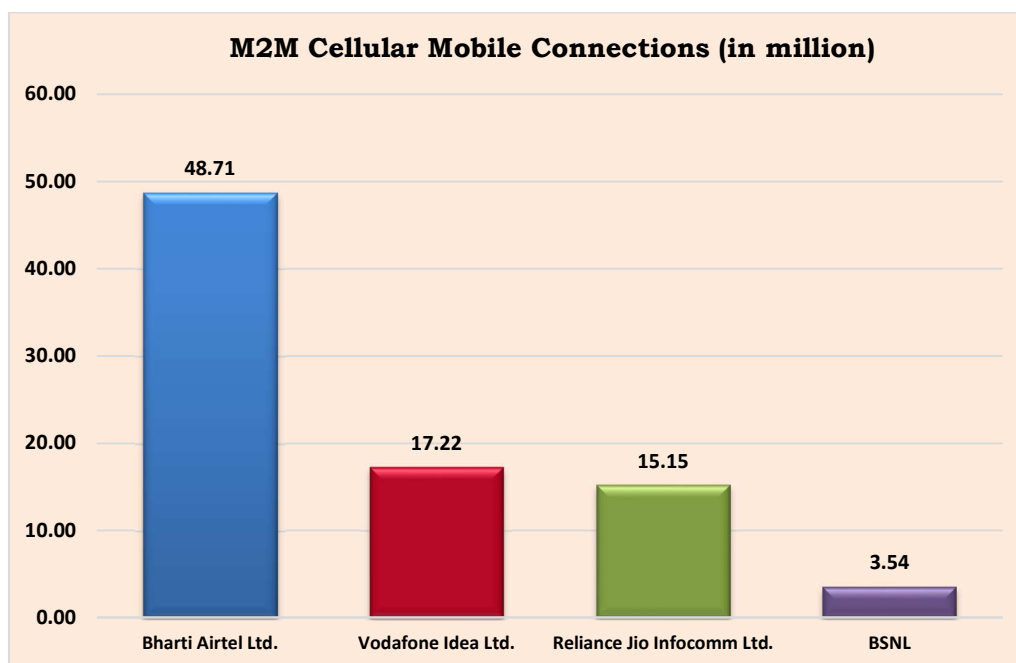
- Except U.P.(E), Haryana, U.P.(W), Maharashtra, Andhra Pradesh, Punjab, Rajasthan and Bihar, all other service areas have showed growth in their wireless (Mobile) subscribers during the month of July 2025.

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

- Total wireless (5G FWA) subscribers increased from 7.85 million at the end of June 2025 to 8.40 million at the end of July 2025 with subscriptions in urban and rural areas of 5.02 million and 3.38 million, respectively.
- The share of urban and rural wireless (5G FWA) subscribers in the total number of wireless (5G FWA) subscribers was 59.71% and 40.29%, respectively at the end of July 2025. Detailed statistics of the wireless (5G FWA) subscriber base is available at **Annexure-V**.

### IV. M2M cellular mobile connections

The number of M2M cellular mobile connections increased from 79.44 million at the end of June 2025 to 84.62 million at the end of July 2025.



Bharti Airtel Limited has the highest number of M2M cellular mobile connections of 48.71 million with a market share of 57.56%, followed by Vodafone Idea Limited, Reliance Jio Infocomm Limited and BSNL with market share of 20.35%, 17.91% and 4.18% respectively.

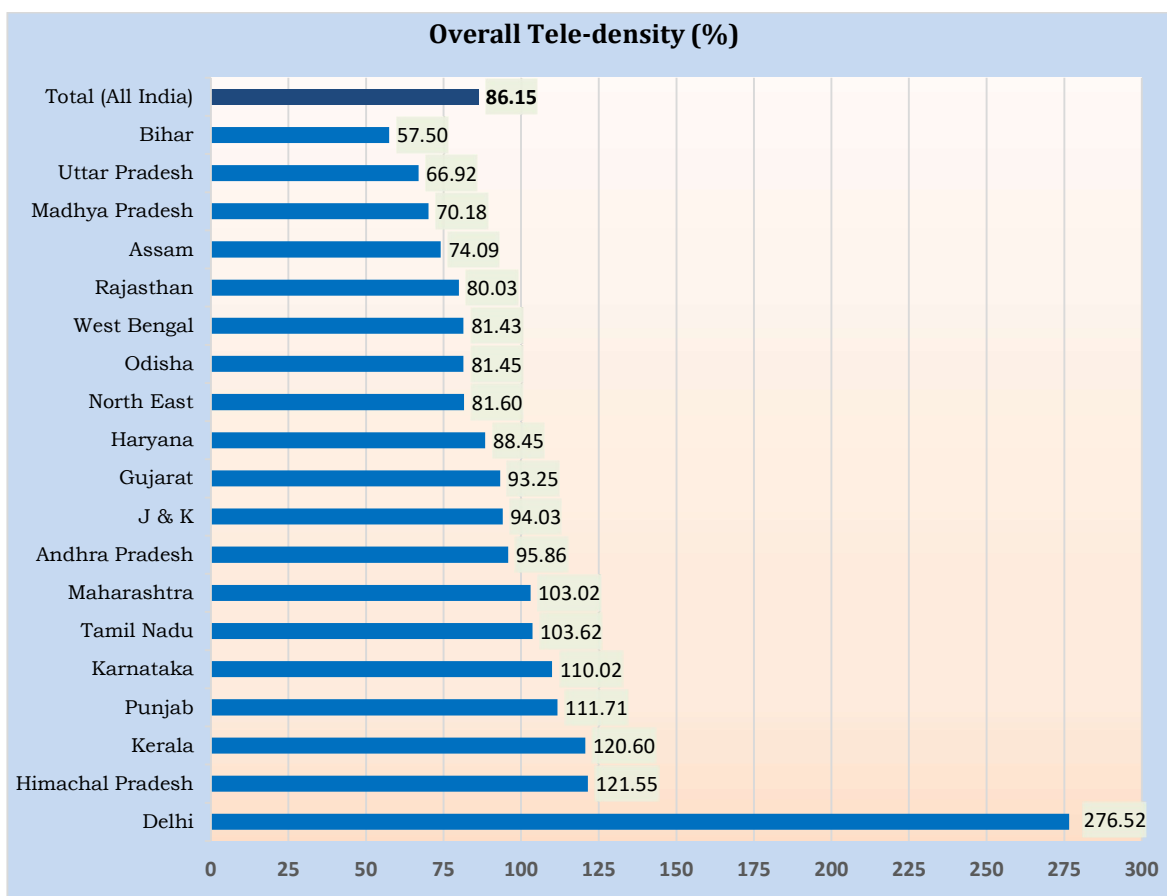
## V. Total Telephone Subscribers

- The total telephone subscribers in India increased from 1218.36 million at the end of June 2025 to 1220.02 million at the end of July 2025, thereby showing a monthly growth rate of 0.14%. Urban telephone subscription increased from 679.86 million at the end of June 2025 to 683.52 million at the end of July 2025 and the rural telephone subscription decreased from 538.50 million to 536.51 million during the same period. The monthly growth rates of urban and rural telephone subscription were 0.54% and -0.37% respectively during the month of July 2025.



- The overall tele-density in India increased from 86.09% at the end of June 2025 to 86.15% at the end of July 2025. The urban tele-density increased from 133.56% at the end of June 2025 to 134.07% at the end of July 2025 and rural tele-density decreased from 59.43% to 59.19% during the same period. The share of urban and rural subscribers in total number of telephone subscribers at the end of July 2025 were 56.02% and 43.98% respectively.

## Overall Tele-density (LSA Wise) – As on 31<sup>st</sup> July 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 July 2025. Delhi service area has the maximum tele-density of 276.52% and the Bihar service area has the minimum tele-density of 57.50% at the end of July 2025.

### 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 Chhatishgarh, 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 of July 2025

Circle Category	Net additions in the month of July 2025		Telephone Subscriber base as on 31 <sup>st</sup> July 2025	
	Wireline segment	Wireless*	Wireline segment	Wireless*
Circle A	276,427	456,146	20,411,659	390,132,447
Circle B	244,326	199,117	11,792,684	474,463,596
Circle C	93,314	116,640	3,447,131	194,381,863
Metro	12,886	261,975	12,462,250	112,932,716
<b>All India</b>	<b>626,953</b>	<b>1,033,878</b>	<b>48,113,724</b>	<b>1,171,910,622</b>

\*Wireless includes 5G FWA subscription also

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

Circle Category	Monthly growth rate (%) (June-25 to July-25)		Yearly growth rate (%) (July-24 to July-25)	
	Wireline Segment	Wireless* Segment	Wireline Segment	Wireless* Segment
Circle A	1.37%	0.12%	47.84%	0.37%
Circle B	2.12%	0.04%	21.85%	-0.20%
Circle C	2.78%	0.06%	19.31%	2.16%
Metro	0.10%	0.23%	35.66%	-1.42%
<b>All India</b>	<b>1.32%</b>	<b>0.09%</b>	<b>35.30%</b>	<b>0.25%</b>

\*Wireless includes 5G FWA subscription also

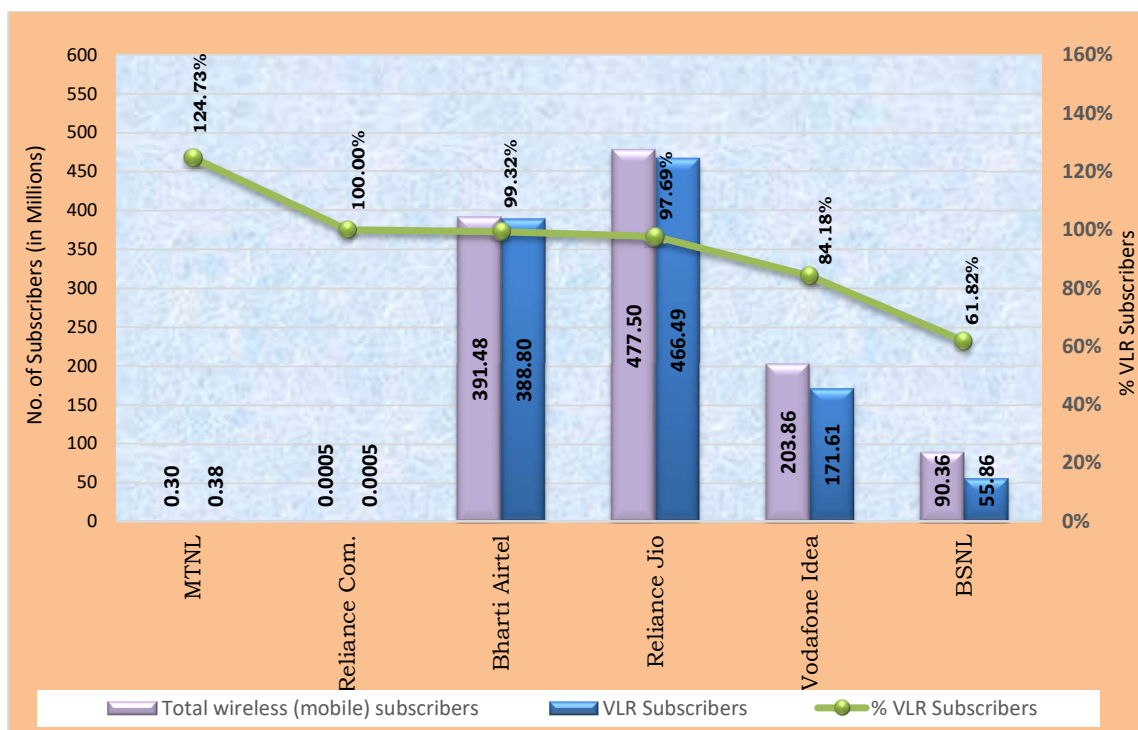
Note: Circle Category-Metro includes Delhi, Mumbai and Kolkata.

- As can be seen in the above tables, in the wireless segment, during the month of July 2025, on a monthly basis, all circles have registered a growth in their subscriber bases. On a yearly basis, except Circle 'A' & Circle 'C', all other circles have registered a decline in their subscriber bases.
- In the wireline segment, during the month of July 2025 on a monthly and yearly basis, all circles have registered a growth in their subscriber bases.

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

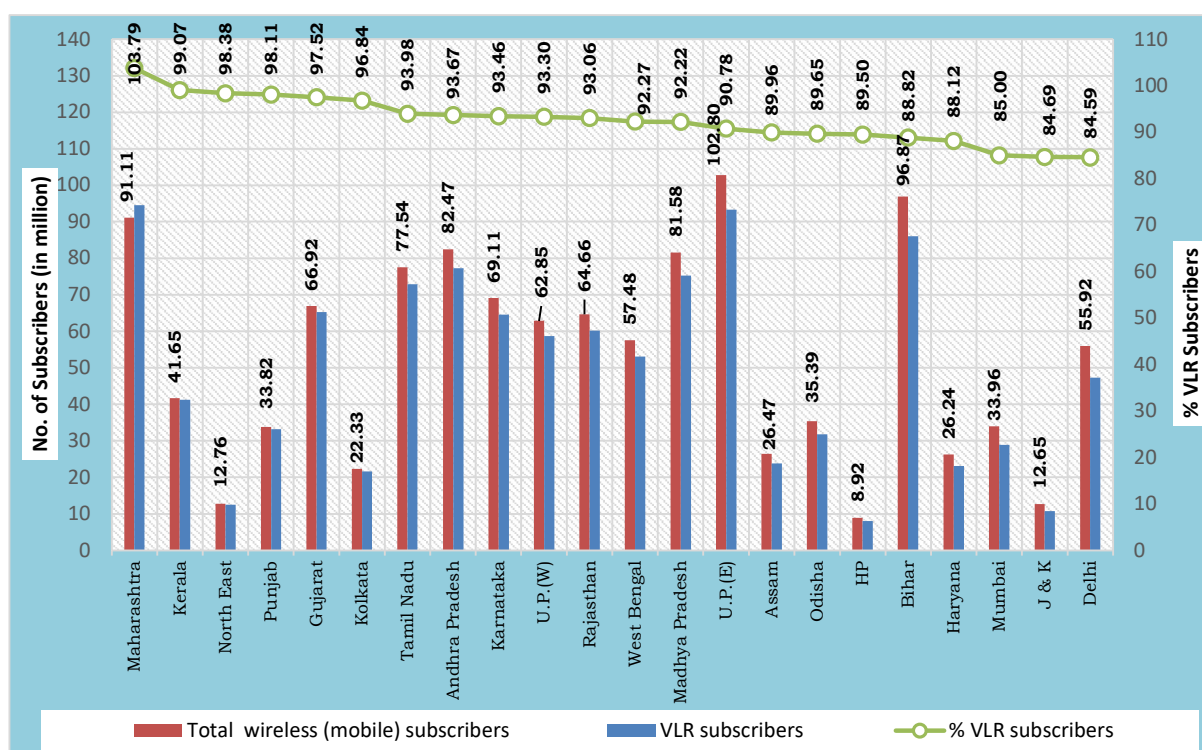
- Out of the total 1163.51 million wireless (mobile) subscribers, 1083.14 million wireless (mobile) subscribers were active on the date of peak VLR in the month of July 2025. The proportion of active wireless (mobile) subscribers was approximately 93.09% of the total wireless (mobile) subscriber base.
- 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 July 2025 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 July 2025



- MTNL has the maximum proportion (124.73%) of its active wireless (mobile) subscribers (VLR) as against its total wireless (mobile) subscribers (HLR) on the date of peak VLR in the month of July 2025. BSNL has the minimum proportion of VLR as 61.82% of its HLR during the same period.

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



### VIII. Mobile Number Portability (MNP)

- In India, the mobile number portability (MNP) was implemented in Haryana service area w.e.f. 25.11.2010 and in the rest of the country w.e.f. 20.01.2011. Initially it was available only within the same Licensed Service Area (LSA). Inter-Service Area MNP was implemented in the country w.e.f. 03.07.2015 allowing the wireless mobile subscribers to retain their mobile numbers when they relocate from one service area to another.
- During the month of July 2025, a total of 15.41 million requests were received for MNP. Out of total 15.41 million, new requests received from Zone-I & Zone-II were 8.77 million and 6.63 million respectively.
- In MNP Zone-I (Northern and Western India), the highest number of requests till date have been received in Uttar Pradesh-East (119.76 million) followed by Maharashtra (94.78 million) service area.

- In MNP Zone-II (Southern and Eastern India), the highest number of requests till date have been received in Madhya Pradesh (93.58 million) followed by Karnataka (75.91 million).

Service Area Wise MNP Status					
Zone-I			Zone-II		
Service Area	Cumulative Number of Porting Requests Till the end of the month (in Million)		Service Area	Cumulative Number of Porting Requests Till the end of the month (in Million)	
	Jun-25	Jul-25		Jun-25	Jul-25
Delhi	55.14	55.85	Andhra Pradesh	74.62	75.31
Gujarat	78.80	79.96	Assam	8.54	8.66
Haryana	36.41	36.86	Bihar	68.21	69.36
Himachal Pradesh	4.83	4.89	Karnataka	75.28	75.91
Jammu & Kashmir	3.45	3.53	Kerala	27.11	27.41
Maharashtra	93.66	94.78	Kolkata	20.73	20.93
Mumbai	36.97	37.26	Madhya Pradesh	92.11	93.58
Punjab	37.42	37.81	North East	2.64	2.68
Rajasthan	76.72	77.58	Odisha	20.15	20.39
U.P.(East)	117.63	119.76	Tamil Nadu	71.19	71.83
U.P.(West)	88.25	89.78	West Bengal	70.16	71.32
<b>Total</b>	<b>629.28</b>	<b>638.06</b>	<b>Total</b>	<b>530.75</b>	<b>537.38</b>
<b>Total (Zone-I + Zone-II)</b>				<b>1,160.03</b>	<b>1,175.43</b>
<b>Net Addition (July 2025)</b>				<b>15.41 million</b>	

**Contact details in case of any clarification: -**

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**Pr. Advisor (NSL), TRAI**



## 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
	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	
Andhra Pradesh	656358	653585			859657	892986	14779	14872	1048507	1057269			81870	81320	1823782	1880855			596084	534980	5081037	5115867	34830
Assam	102139	102048			62853	64626	0	0					2190	2130	232741	239869					399923	408673	8750
Bihar	165700	165566			385956	391649	9	9	63315	55327			5159	2409	731224	775056					1351363	1390016	38653
Delhi	0	0	834517	765031	2352954	2360932	12341	12231	979042	979121			72627	83742	1216543	1232692					5468024	5433749	-34275
Gujarat	467336	466027			326083	326785	2279	2318	752038	760166			97015	90830	911253	955350					2556004	2601476	45472
Haryana	356912	362232			209488	213333	0	0	192552	193241			360	360	227865	245219					987177	1014385	27208
Himachal Pradesh	97414	97156			16995	24549	0	0	4038	4038			60	60	74231	76571					192738	202374	9636
J & K	52573	51700			139095	140764	0	0					30	30	266398	279924					458096	472418	14322
Karnataka	674357	673654			1283002	1280539	11669	11631	2561298	2646636			175449	161799	1147539	1185952					5853314	5960211	106897
Kerala	1204076	1202567			129511	131565	2269	2296	97375	98730			6687	6477	383029	387446					1822947	1829081	6134
Kolkata	231980	229062			215592	213451	2561	2571	360316	365841			12993	13231	637058	661100					1460500	1485256	24756
Madhya Pradesh	305423	306221			613760	614485	5	5	144004	128185			46492	43732	1042127	1086139					2151811	2178767	26956
Maharashtra	652001	648683			607932	615448	6400	6474	1019200	1028039			20090	20020	459280	495061					2764903	2813725	48822
Mumbai	2162	2162	1012416	1013347	632930	631229	30768	30734	2625763	2641180			181481	183916	1035320	1040677					5520840	5543245	22405
North East	59925	60000			0	0	0	0					480	450	223304	227903					283709	288353	4644
Odisha	155693	155408			89520	92234	4	4	86140	88094			2564	2592	334067	346965					667988	685297	17309
Punjab	547174	549362			393181	401526	1508	1506	62136	61169	342177	341908	1360	1180	518129	547263	54364	50336			1920029	1954250	34221
Rajasthan	298436	297104			332881	336964	2863	2760	87907	87753			10065	9475	613924	652275					1346076	1386331	40255
Tamil Nadu	980922	979911			1033209	1042209	9311	9361	776974	788311			30620	30045	1048938	1070543					3879974	3920380	40406
U.P.(E)	139051	138566			341290	345860	29	29	55613	51667			16382	16112	771737	812194					1324102	1364428	40326
U.P.(W)	214172	213233			235465	240391	7	7	25120	24720			4020	3582	876465	927568					1355249	1409501	54252
West Bengal	185344	177951			92883	95098	21	21	6973	7317			150	150	355596	375404					640967	655941	14974
<b>Total</b>	<b>7549148</b>	<b>7532198</b>	<b>1846933</b>	<b>1778378</b>	<b>10354237</b>	<b>10456623</b>	<b>96823</b>	<b>96829</b>	<b>10948311</b>	<b>11066804</b>	<b>342177</b>	<b>341908</b>	<b>768144</b>	<b>753642</b>	<b>14930550</b>	<b>15502026</b>	<b>54364</b>	<b>50336</b>	<b>596084</b>	<b>534980</b>	<b>47486771</b>	<b>48113724</b>	<b>626953</b>
<b>Net Addition</b>		<b>-16950</b>		<b>-68555</b>		<b>102386</b>		<b>6</b>		<b>118493</b>		<b>-269</b>		<b>-14502</b>		<b>571476</b>		<b>-4028</b>		<b>-61104</b>		<b>626953</b>	
<b>Rural Subscribers</b>	2,153,721	2,159,799	29	29	2,646	2,692	300	300	1,505,943	1,517,914	165,167	165,679	0	0	1,231,021	1,383,645	0	0	439845	401741	5498672	5631799	133127

# Wireless (Mobile) Subscriber Base

Annexure-II

Circle	Bharti Airtel		Reliance Com.		Vodafone Idea		BSNL		MTNL		Reliance Jio		Total		Net Addition
	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	June-25	July-25	
Andhra Pradesh	34,242,244	34,321,932	0	0	9,596,019	9,503,297	6,914,850	6,916,286			31,919,256	31,730,391	82,672,369	82,471,906	-200463
Assam	12,307,089	12,351,382			1,429,694	1,442,516	2,949,537	2,925,869			9,755,628	9,749,921	26,441,948	26,469,688	27740
Bihar	40,991,403	40,807,978	0	0	7,858,060	7,949,346	5,685,861	5,648,429			42,682,509	42,460,057	97,217,833	96,865,810	-352023
Delhi	19,006,627	19,071,921	1	2	16,728,046	16,650,505			174,758	174,277	19,893,256	20,027,060	55,802,688	55,923,765	121077
Gujarat	12,420,850	12,555,074	1	1	19,750,613	19,702,070	3,240,893	3,231,672			31,098,753	31,429,998	66,511,110	66,918,815	407705
Haryana	7,337,692	7,346,147	0	0	6,310,748	6,300,847	4,254,279	4,281,565			8,352,577	8,312,701	26,255,296	26,241,260	-14036
Himachal Pradesh	3,599,301	3,608,108	0	0	381,258	383,681	1,679,271	1,684,645			3,234,729	3,239,834	8,894,559	8,916,268	21709
J & K	6,315,109	6,373,463	0	0	259,065	254,920	861,736	863,591			4,999,647	5,158,575	12,435,557	12,650,549	214992
Karnataka	32,449,731	32,466,518	402	402	6,851,977	6,936,855	4,505,756	4,502,365			25,162,401	25,208,588	68,970,267	69,114,728	144461
Kerala	9,103,787	9,177,773	0	4	12,845,818	12,828,062	8,774,237	8,789,243			10,803,334	10,858,996	41,527,176	41,654,078	126902
Kolkata	5,374,126	5,319,701	0	0	4,754,217	4,774,683	1,373,028	1,365,363			10,795,156	10,872,556	22,296,527	22,332,303	35776
Madhya Pradesh	16,695,435	16,736,923	0	0	13,277,301	13,253,296	5,056,025	5,034,420			46,412,887	46,554,116	81,441,648	81,578,755	137107
Maharashtra	22,744,325	22,837,997	0	0	20,282,509	20,296,273	5,251,965	5,221,931			42,921,671	42,754,621	91,200,470	91,110,822	-89648
Mumbai	10,080,637	10,087,725	58	58	10,725,076	10,707,338			132,334	130,343	12,938,940	13,034,340	33,877,045	33,959,804	82759
North East	6,457,193	6,459,452	0	0	627,363	625,765	1,282,201	1,276,976			4,361,273	4,397,036	12,728,030	12,759,229	31199
Odisha	11,991,403	11,982,404	0	0	1,428,049	1,454,416	5,540,622	5,529,977			16,361,162	16,420,531	35,321,236	35,387,328	66092
Punjab	12,553,073	12,530,737	7	7	5,888,323	5,860,493	4,072,133	4,052,811			11,386,214	11,371,007	33,899,750	33,815,055	-84695
Rajasthan	23,414,504	23,418,747	51	50	8,984,641	8,886,044	5,617,556	5,624,794			26,815,995	26,733,882	64,832,747	64,663,517	-169230
Tamil Nadu	30,506,366	30,671,841	0	0	14,524,173	14,502,108	7,763,268	7,786,672			24,728,678	24,574,594	77,522,485	77,535,215	12730
U.P.(E)	36,142,330	36,081,574	0	0	16,002,747	15,968,617	8,063,891	8,069,909			42,620,661	42,684,115	102,829,629	102,804,215	-25414
U.P.(W)	18,790,030	18,821,303	0	0	14,239,513	14,162,137	4,975,788	4,973,433			24,890,351	24,897,176	62,895,682	62,854,049	-41633
West Bengal	18,490,543	18,449,535	9	9	11,473,984	11,416,726	2,601,347	2,583,586			24,886,458	25,034,395	57,452,341	57,484,251	31910
Total	391,013,798	391,478,235	529	533	204,219,194	203,859,995	90,464,244	90,363,537	307,092	304,620	477,021,536	477,504,490	1,163,026,393	1,163,511,410	485,017
Net Addition		464,437		4		-359199		-100707		-2472		482,954	0	485,017	
Rural Subscribers	191,682,273	190,175,702	-	-	97,129,207	96,909,558	29,822,407	29,804,657	3,652	3,642	211,246,667	210,598,659	529,884,206	527,492,218	-2391988

**Proportion of VLR on the date of Peak VLR in the month of July-25 (%)      Annexure-III**

Circle	Bharti	BSNL	Vodafone Idea	M TNL	Reliance Com.	Reliance Jio	Total
Andhra Pradesh	98.01	66.09	92.54		-	95.33	<b>93.67</b>
Assam	99.12	24.99	89.62		-	97.88	<b>89.96</b>
Bihar	90.18	36.63	82.40		-	95.65	<b>88.82</b>
Delhi	95.50		52.71	163.23	100.00	100.01	<b>84.59</b>
Gujarat	113.85	50.72	89.23		0.00	101.00	<b>97.52</b>
Haryana	101.96	33.86	91.60		-	101.20	<b>88.12</b>
Himachal Pradesh	95.41	52.61	98.80		-	101.00	<b>89.50</b>
J & K	91.58	61.78	81.43		-	80.18	<b>84.69</b>
Karnataka	98.48	70.37	73.31		100.00	96.65	<b>93.46</b>
Kerala	99.95	114.22	93.45		-	92.70	<b>99.07</b>
Kolkata	100.84	98.04	87.02		-	99.06	<b>96.84</b>
Madhya Pradesh	98.13	45.53	85.66		-	97.01	<b>92.22</b>
Maharashtra	108.88	98.81	92.76		-	106.92	<b>103.79</b>
Mumbai	94.03		70.99	73.25	100.00	89.65	<b>85.00</b>
North East	102.04	53.59	95.72		-	106.40	<b>98.38</b>
Odisha	101.71	45.15	88.05		-	95.97	<b>89.65</b>
Punjab	111.98	51.23	90.83		100.00	103.30	<b>98.11</b>
Rajasthan	99.12	42.57	88.60		100.00	99.87	<b>93.06</b>
Tamil Nadu	97.59	91.81	79.99		-	98.42	<b>93.98</b>
U.P. (E)	98.83	35.07	88.09		-	95.50	<b>90.78</b>
U.P. (W)	107.71	45.49	88.31		-	94.80	<b>93.30</b>
West Bengal	95.75	80.85	87.57		100.00	93.04	<b>92.27</b>
<b>Total</b>	<b>99.32</b>	<b>61.82</b>	<b>84.18</b>	<b>124.73</b>	<b>100.00</b>	<b>97.69</b>	<b>93.09</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	
	June-25	July-25	June-25	July-25	June-25	July-25
Andhra Pradesh	160,196	177,752	519,748	547,960	<b>679,944</b>	<b>725,712</b>
Assam	32,479	36,911	133,279	143,848	<b>165,758</b>	<b>180,759</b>
Bihar	62,788	74,641	457,742	490,871	<b>520,530</b>	<b>565,512</b>
Delhi	98,206	106,193	229,160	229,078	<b>327,366</b>	<b>335,271</b>
Gujarat	98,812	111,916	361,087	375,537	<b>459,899</b>	<b>487,453</b>
Haryana	48,785	54,399	178,600	186,951	<b>227,385</b>	<b>241,350</b>
Himachal Pradesh	7,973	8,825	54,009	58,402	<b>61,982</b>	<b>67,227</b>
J & K	28,965	32,137	134,302	144,039	<b>163,267</b>	<b>176,176</b>
Karnataka	156,473	174,477	339,981	351,817	<b>496,454</b>	<b>526,294</b>
Kerala	31,369	35,550	122,507	131,059	<b>153,876</b>	<b>166,609</b>
Kolkata	58,817	63,435	154,020	154,978	<b>212,837</b>	<b>218,413</b>
Madhya Pradesh	74,761	84,597	399,472	426,614	<b>474,233</b>	<b>511,211</b>
Maharashtra	151,178	170,668	488,961	512,281	<b>640,139</b>	<b>682,949</b>
Mumbai	63,699	70,080	90,579	93,080	<b>154,278</b>	<b>163,160</b>
North East	16,360	19,321	65,196	69,391	<b>81,556</b>	<b>88,712</b>
Odisha	38,310	43,173	194,657	211,432	<b>232,967</b>	<b>254,605</b>
Punjab	82,105	91,332	388,217	404,730	<b>470,322</b>	<b>496,062</b>
Rajasthan	104,255	116,617	341,989	363,258	<b>446,244</b>	<b>479,875</b>
Tamil Nadu	217,160	242,085	306,004	316,468	<b>523,164</b>	<b>558,553</b>
U.P.(E)	93,481	105,951	489,328	520,021	<b>582,809</b>	<b>625,972</b>
U.P.(W)	73,572	84,647	387,945	411,662	<b>461,517</b>	<b>496,309</b>
West Bengal	42,467	48,576	271,357	302,452	<b>313,824</b>	<b>351,028</b>
<b>Total</b>	<b>1742211</b>	<b>1,953,283</b>	<b>6,108,140</b>	<b>6,445,929</b>	<b>7,850,351</b>	<b>8,399,212</b>
<b>Net Addition</b>		<b>211072</b>		<b>337789</b>		<b>548861</b>
<b>Monthly Growth%</b>		<b>12.12%</b>		<b>5.53%</b>		<b>6.99%</b>
<b>Rural Subscribers</b>			<b>3,118,616</b>	<b>3,383,641</b>	<b>3118616</b>	<b>3,383,641</b>