

**TELECOM REGULATORY AUTHORITY OF INDIA**New Delhi, 20th December, 2023

(www.trai.gov.in)

**Highlights of Telecom Subscription Data as on 30th September, 2023**

Particulars	Wireless	Wireline	Total (Wireless+ Wireline)
Broadband Subscribers (Million)	848.13	36.87	885
Urban Telephone Subscribers (Million)	630.17	28.30	658.46
Net Addition in September, 2023 (Million)	0.78	0.22	1.00
Monthly Growth Rate	0.12%	0.78%	0.15%
Rural Telephone Subscribers (Million)	519.99	2.68	522.66
Net Addition in September, 2023 (Million)	0.94	-0.02	0.92
Monthly Growth Rate	0.18%	-0.66%	0.18%
Total Telephone Subscribers (Million)	1150.15	30.98	1181.13
Net Addition in September, 2023 (Million)	1.72	0.20	1.92
Monthly Growth Rate	0.15%	0.66%	0.16%
Overall Tele-density*(%)	82.54%	2.22%	84.76%
Urban Tele-density*(%)	127.81%	5.74%	133.54%
Rural Tele-density*(%)	57.75%	0.30%	58.05%
Share of Urban Subscribers	54.79%	91.35%	55.75%
Share of Rural Subscribers	45.21%	8.65%	44.25%

- ❖ In the month of September, 2023, 12.65 million subscribers submitted their requests for Mobile Number Portability (MNP). With this, the cumulative MNP requests increased from 877.43 million at the end of August-23 to 890.08 million at the end of September-23, since implementation of MNP.
- ❖ Number of active wireless subscribers (on the date of peak VLR#) in September, 2023 was 1046.82 million.

Note:

- Information in this Press Release is based on the data provided by the Service Providers

* Based on the projection of population from the 'Report of the Technical Group on Population Projections for India and States 2011 - 2036', which is available under the link https://main.mohfw.gov.in/sites/default/files/Population%20Projection%20Report%202011-2036%20-%20upload_compressed_0.pdf

VLR is acronym of Visitor Location Register. The dates of peak VLR for various TSPs are different in different service areas.

I. Broadband Subscriber

- As per the information received from 1,108 operators in September, 2023 in comparison to 1,087 Operator in August 2023, the total Broadband Subscribers increased from 876.53 million at the end of August-23 to 885 million at the end of September-23 with a monthly growth rate of 0.97%. Segment-wise broadband subscribers and their monthly growth rates are as below: -

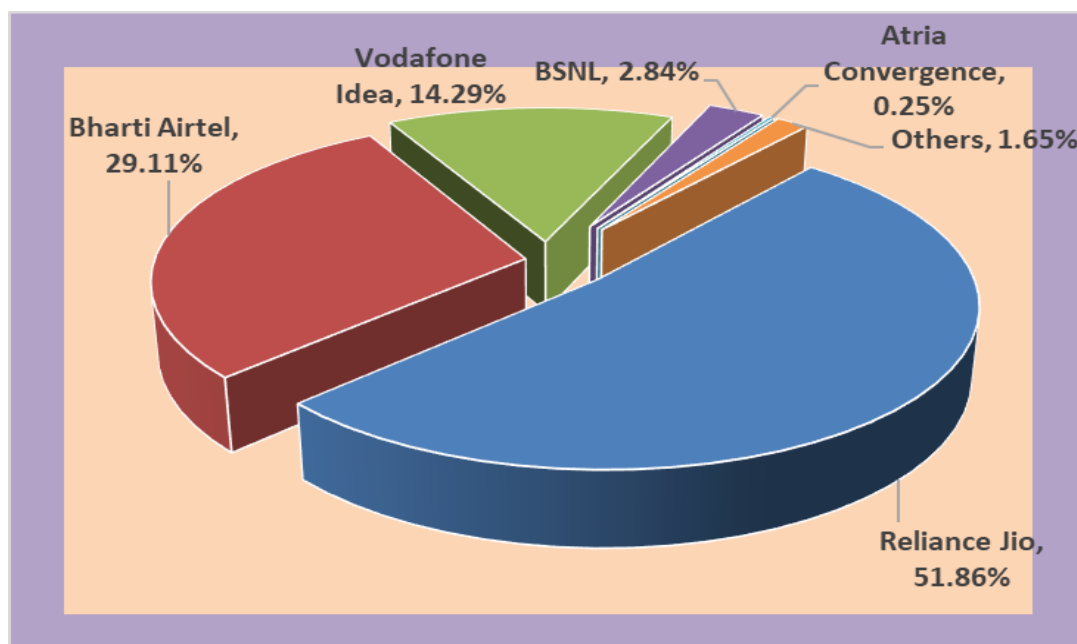
Segment-wise Broadband Subscribers and Monthly Growth Rate in the month of September, 2023

Segment	Broadband subscribers (in million)		Monthly growth rate in the month of September, 2023
	As on 31 st August, 2023	As on 30 th September 2023	
Wired subscribers	36.41	36.87	1.23%
Mobile devices users (Phones and dongles)	839.13	847.17	0.96%
Fixed Wireless subscribers (Wi-Fi, Wi-Max, Point-to-Point Radio & VSAT)	0.99	0.97	-2.51%
Total	876.53	885	0.97%

- Top five service providers constituted 98.35% market share of the total broadband subscribers at the end of September-23. These service providers were Reliance Jio Infocomm Ltd 458.96 million, Bharti Airtel 257.59 million, Vodafone Idea 126.51 million, BSNL 25.12 million and Atria Convergence 2.20 million.

- 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 30th September, 2023**

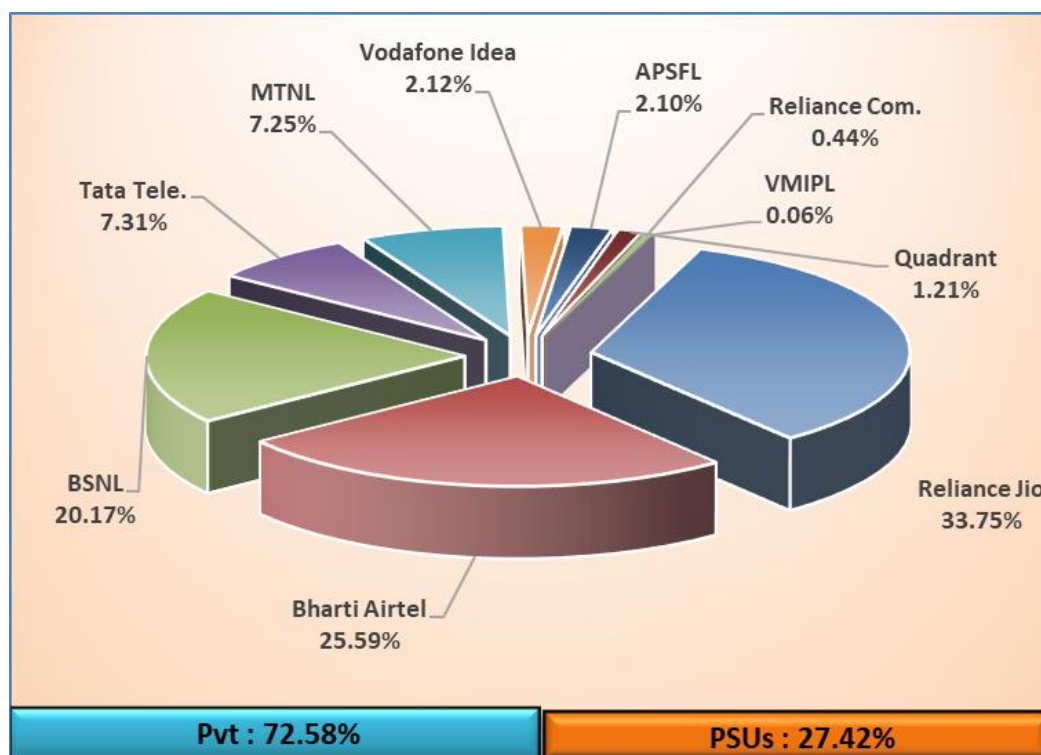


- As on 30th September, 2023, the top five Wired Broadband Service providers were Reliance Jio Infocomm Ltd 9.75 million, Bharti Airtel 7.03 million, BSNL 3.71 million, Atria Convergence Technologies 2.20 million and Hathway Cable & Datacom 1.12 million.
- As on 30th September, 2023, the top five Wireless Broadband Service providers were Reliance Jio Infocom Ltd 449.21 million, Bharti Airtel 250.57 million, Vodafone Idea 126.50 million, BSNL 21.41 million and Intech Online Pvt. Ltd. 0.24 million.

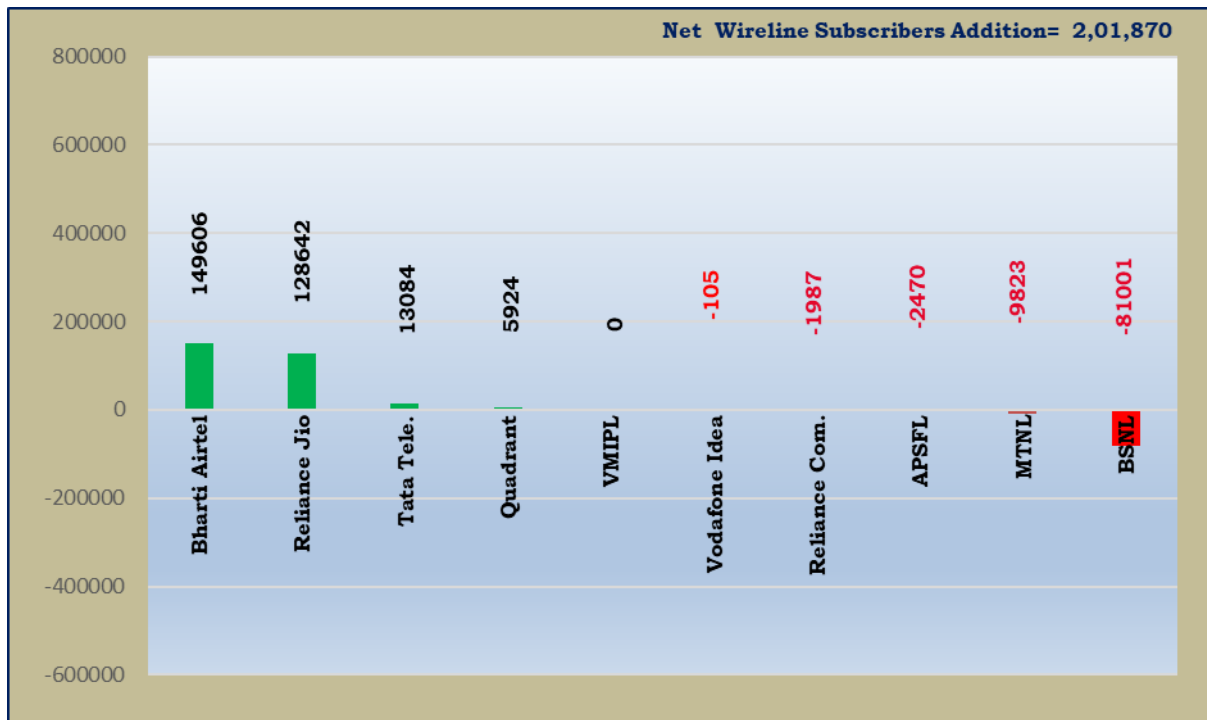
II. Wireline Subscribers

- Wireline subscribers increased from 30.78 million at the end of August-23 to 30.98 million at the end of September-23. Net increase in the wireline subscriber base was 0.20 million with a monthly growth rate of 0.66%. The share of urban and rural subscribers in total wireline subscribers were 91.35% and 8.65% respectively at the end of September, 2023.
- The Overall Wireline Tele-density in India increased from 2.21% at the end of August-23 to 2.22% at the end of September-23. Urban and Rural Wireline Tele-density were 5.74% and 0.30% respectively during the same period.
- BSNL, MTNL and APSFL, the three PSUs access service providers, held 29.52% of the wireline market share as on 30th September, 2023. Detailed statistics of wireline subscriber base are available at **Annexure-I**.

Access Service Provider-wise Market Share of Wireline Subscribers as on 30th September, 2023

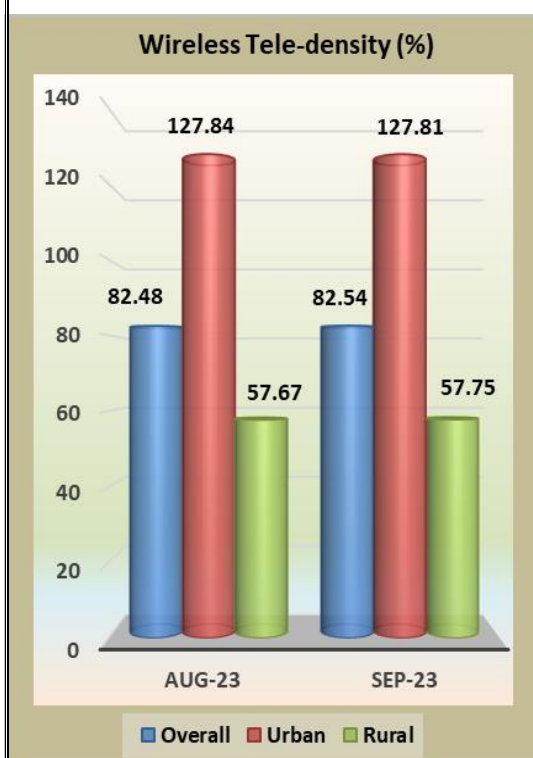


Access Service Provider-wise Net Addition/Dcline in Wireline Subscribers during the month of September, 2023



III. Wireless subscriber

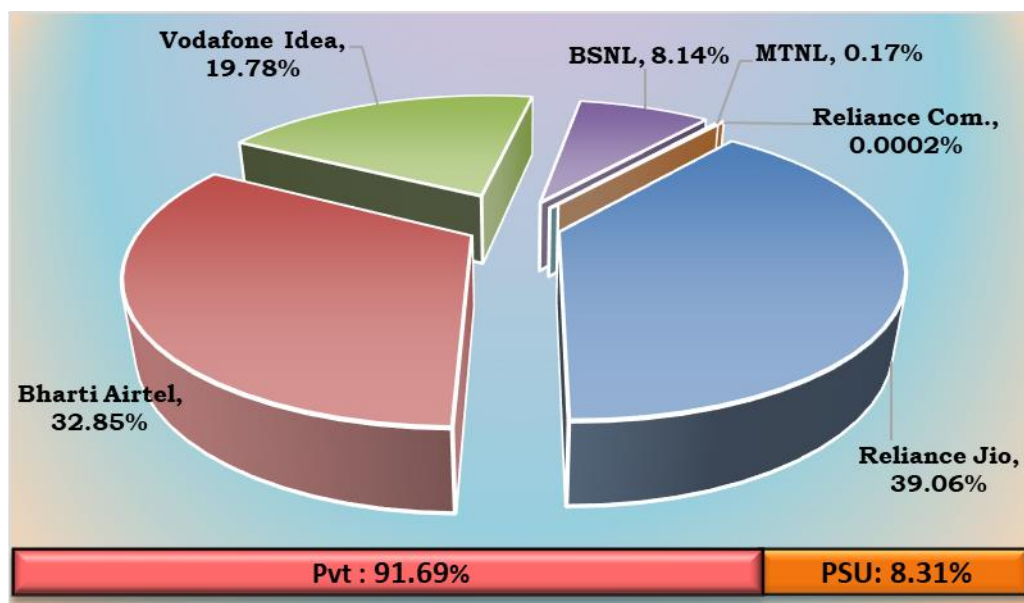
- Total wireless subscribers increased from 1,148.43 million at the end of August-23, to 1,150.15 million at the end of September-23, thereby registering a monthly growth rate of 0.15%. Wireless subscription in urban areas increased from 629.39 million at the end of August-23 to 630.17 million at the end of September-23 and wireless subscription in rural areas also increased from 519.04 million to 519.99 million during the same period. Monthly growth rate of urban and rural wireless subscription was 0.12% and 0.18% respectively.



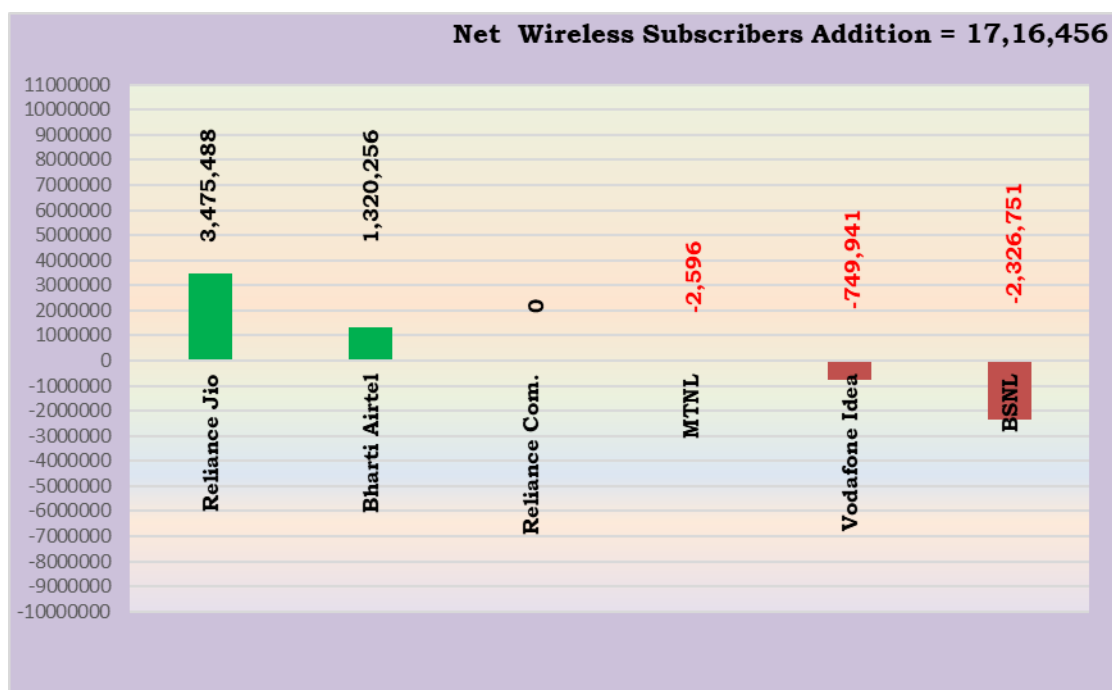
- The Wireless Tele-density in India increased from 82.48% at the end of August-23 to 82.54% at the end of September-23. The Urban Wireless Tele-density decreased from 127.84% at the end of August-23 to 127.81% at the end of September-23 however Rural Tele-density increased from 57.67% to 57.75% during the same period. The share of urban and rural wireless subscribers in total number of wireless subscribers was 54.79% and 45.21% respectively at the end of September-23. Detailed statistics of wireless subscriber base is available at **Annexure-II**.

- As on 30th September, 2023, the private access service providers held 91.69% market share of the wireless subscribers whereas BSNL and MTNL, the two PSU access service providers, had a market share of only 8.31%.
- The graphical representation of access service provider-wise market share and net additions in wireless subscriber base are given below: -

Access Service Provider-wise Market Shares in term of Wireless Subscribers as on 30th September, 2023

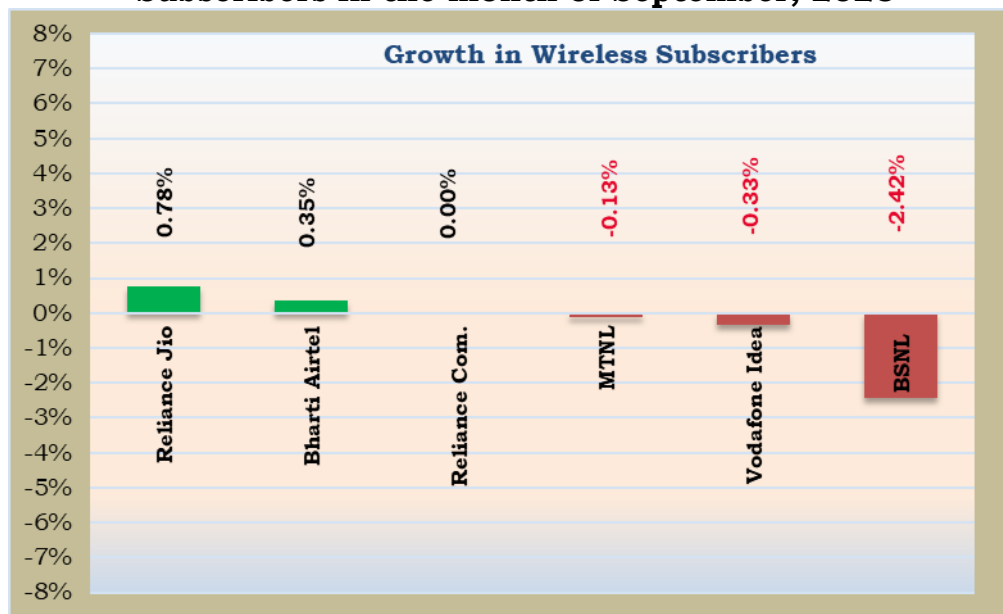


Net Addition in Wireless Subscribers of Access Service Providers in the month of September, 2023



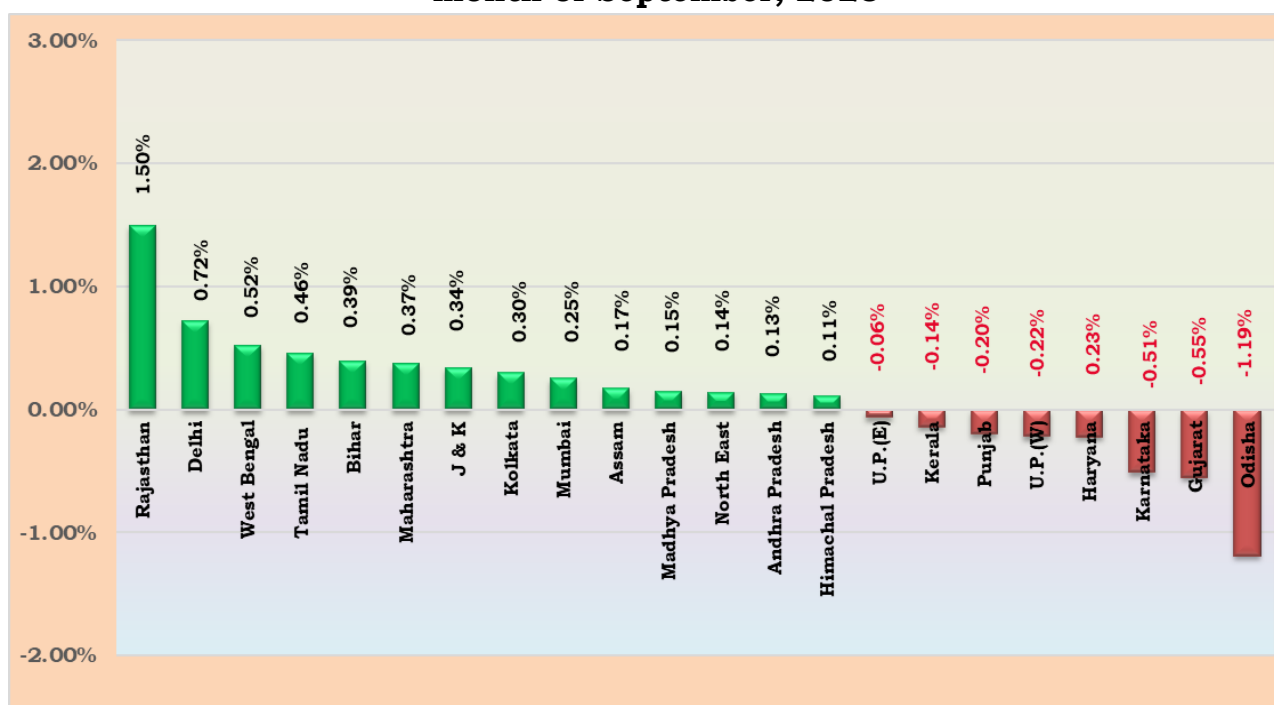
Growth in Wireless Subscribers

Access Service Provider-wise Monthly Growth Rate of Wireless Subscribers in the month of September, 2023



Note: BSNL includes its Virtual Network Operator (VNO).

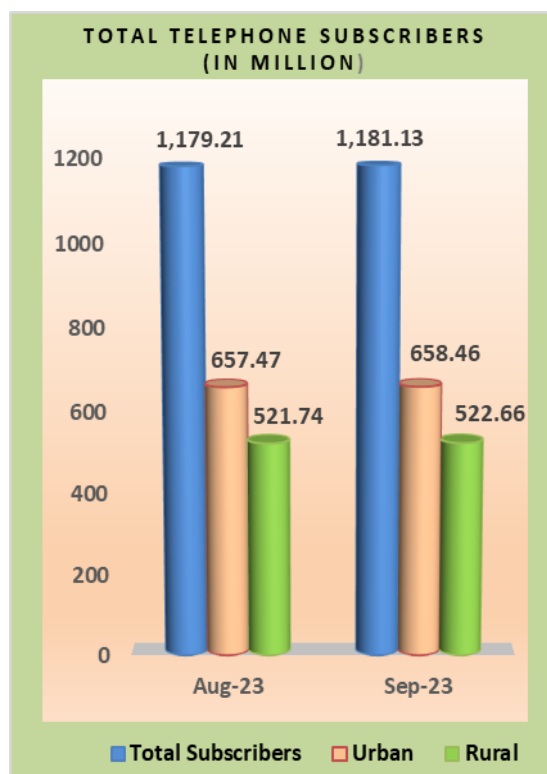
Service Area-wise Monthly Growth Rate of Wireless Subscribers in the month of September, 2023



- Except, U.P.(E), Kerala, Punjab, U.P.(W), Haryana, Karnataka, Gujarat and Odisha, all other service areas have showed growth in their wireless subscribers during the month of September-23.

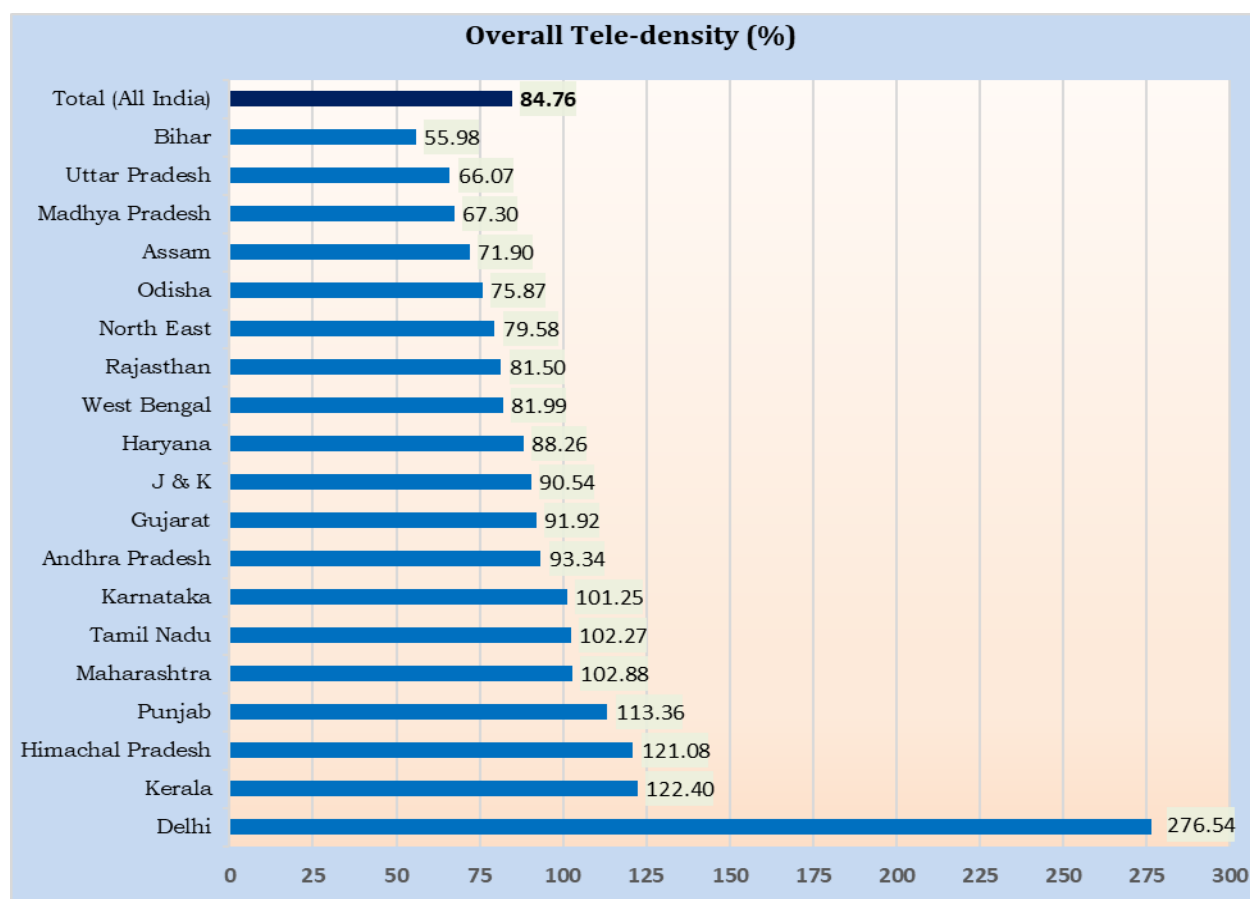
IV. Total Telephone Subscribers

- The number of telephone subscribers in India increased from 1,179.21 million at the end of August-23 to 1,181.13 million at the end of September-23, thereby showing a monthly growth rate of 0.16%. Urban telephone subscription increased from 657.47 million at the end of August-23 to 658.46 million at the end of September-23 and the rural subscription also increased from 521.74 million to 522.66 million during the same period. The monthly growth rates of urban and rural telephone subscription were 0.15% and 0.18% respectively during the month of September-23.



- The overall Tele-density in India increased from 84.69% at the end of August-23 to 84.76% at the end of September-23. The Urban Tele-density decreased from 133.55% at the end of August-23 to 133.54% at the end of September-23 however Rural Tele-density increased from 57.97% to 58.05% during the same period. The share of urban and rural subscribers in total number of telephone subscribers at the end of September-23 was 55.75% and 44.25% respectively.

Overall Tele-density (LSA Wise) – As on 30th September, 2023



- 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 September-23. Delhi service area has maximum tele-density of 276.54% and the Bihar service area has minimum tele-density of 55.98% at the end of September-23.

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, which is available under the link https://main.mohfw.gov.in/sites/default/files/Population%20Projection%20Report%202011-2036%20-%20upload_compressed_0.pdf
- 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.

V. Category-wise Growth in subscriber base

Circle Category-wise Net Additions in Telephone Subscribers in the month of September, 2023

Circle Category	Net additions in the month of September, 2023		Telephone Subscriber base as on 30 th September, 2023	
	Wireline segment	Wireless segment	Wireline segment	Wireless segment
Circle A	52,045	99,693	1,20,82,466	38,48,90,652
Circle B	65,168	9,86,249	78,66,630	46,66,50,636
Circle C	38,419	77,334	22,94,220	18,53,10,749
Metro	46,238	5,53,180	87,35,037	11,32,98,661
All India	2,01,870	17,16,456	3,09,78,353	1,15,01,50,698

Circle Category-wise monthly and yearly Growth Rates in Telephone Subscribers in the month of September, 2023

Circle Category	Monthly growth rate (%) (August-23 to September-23)		Yearly growth rate (%) (September-22 to September-23)	
	Wireline Segment	Wireless Segment	Wireline Segment	Wireless Segment
Circle A	0.43%	0.03%	19.50%	0.05%
Circle B	0.84%	0.21%	21.72%	-0.18%
Circle C	1.70%	0.04%	26.22%	1.58%
Metro	0.53%	0.49%	8.14%	2.26%
All India	0.66%	0.15%	17.03%	0.41%

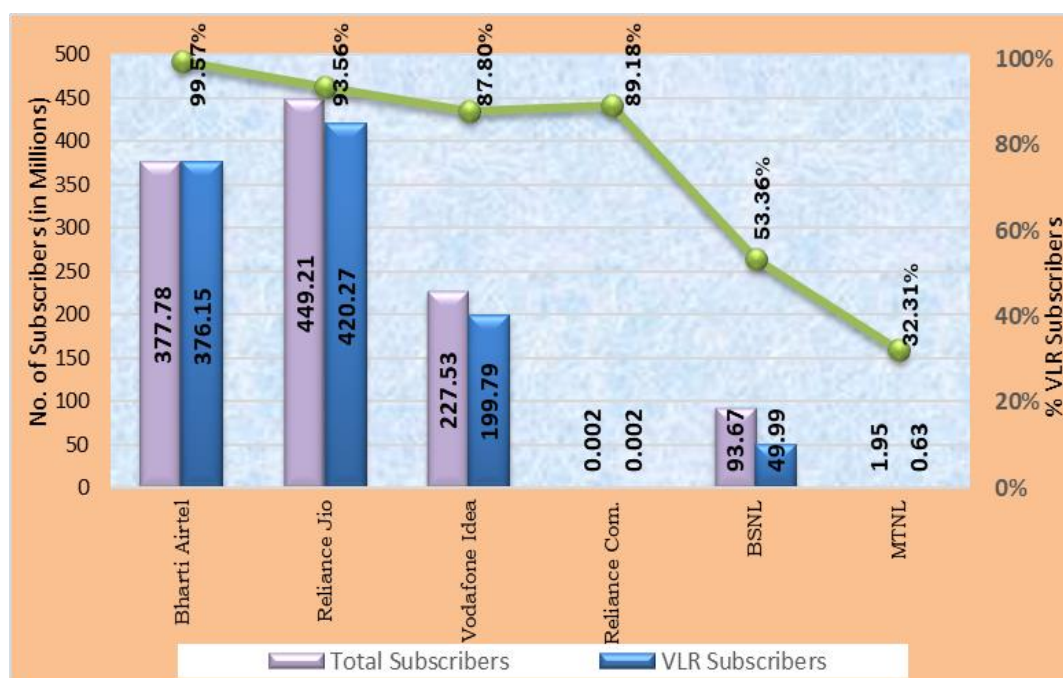
Note: Circle Category-Metro includes Delhi, Mumbai and Kolkata. Data for Chennai has been included in Circle Category-A, as part of TamilNadu.

- As can be seen in the above tables, in wireless segment, on monthly basis all circles have registered growth rate in their subscriber base. On yearly basis, except Circle 'B', all other circles have registered growth rate in their subscriber base.
- In Wireline segment, on monthly and yearly basis, all circles have registered growth rate in their subscriber base.

VI. Active Wireless Subscribers (VLR Data)

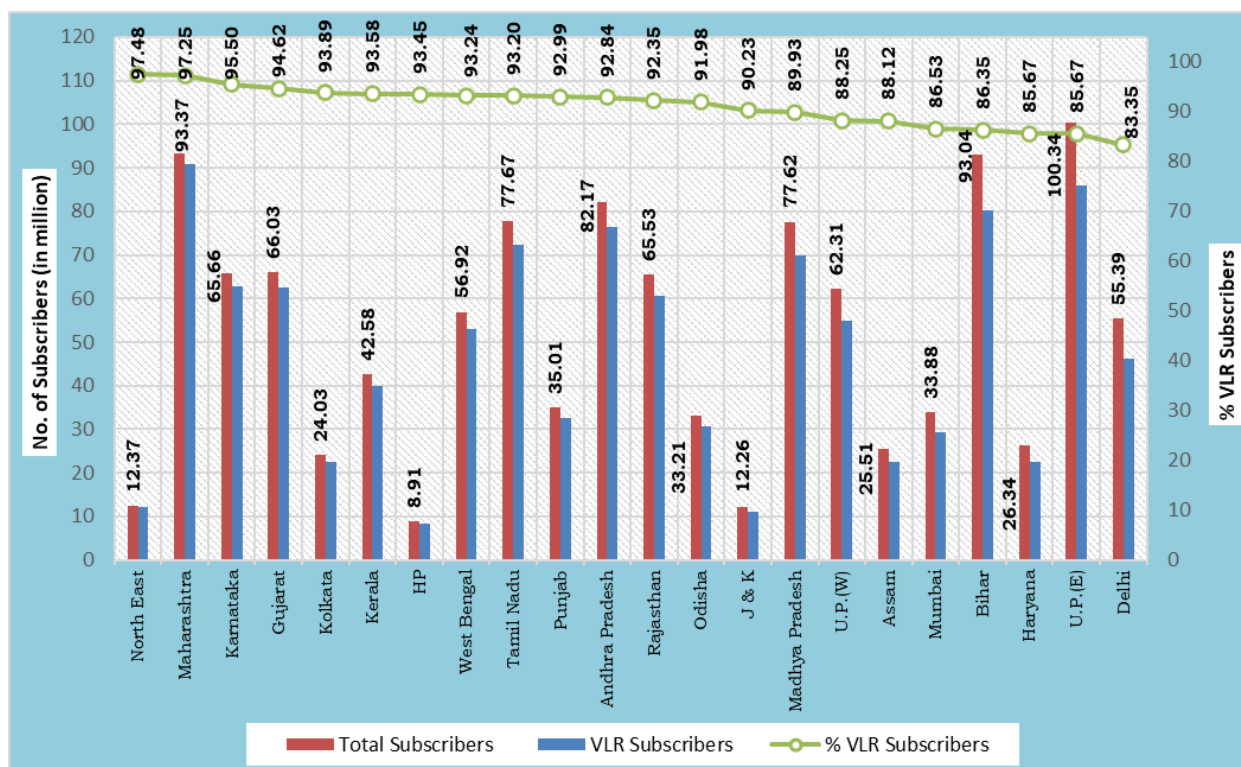
- Out of the total 1,150.15 million wireless subscribers, 1046.82 million wireless subscribers were active on the date of peak VLR in the month of September-23. The proportion of active wireless subscribers was approximately 91.02% of the total wireless subscriber base.
- The detailed statistics on proportion of active wireless subscribers (also referred to as VLR subscribers) on the date of peak VLR in the month of September-23 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 September, 2023



- Bharti Airtel has the maximum proportion 99.57% of its active wireless subscribers (VLR) as against its total wireless subscribers (HLR) on the date of peak VLR in the month of September-23 and MTNL has the minimum proportion of VLR 32.31% of its HLR during the same period.

Service Area wise percentage of VLR Subscribers in the month of September, 2023



VII. 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 September-23, a total of 12.65 million requests were received for MNP. Out of total 12.65 million new requests, 7.21 million requests received from Zone-I and 5.44 million requests received from Zone-II. The cumulative MNP requests increased from 877.43 million at the end of August-23 to 890.08 million at the end of September-23, 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 80.29 million) followed by Maharashtra (about 73.30 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 68.21 million) followed by Karnataka (about 63.41 million).

Service Area Wise MNP Status					
Zone - 1			Zone - 2		
Service Area	Number of Porting Requests (in Million)		Service Area	Number of Porting Requests (in Million)	
	Aug-23	Sep-23		Aug-23	Sep-23
Delhi	42.13	42.72	Andhra Pradesh	61.04	61.63
Gujarat	59.81	60.71	Assam	6.23	6.34
Haryana	28.07	28.43	Bihar	47.18	48.06
Himachal Pradesh	3.83	3.88	Karnataka	62.77	63.41
Jammu & Kashmir	2.09	2.14	Kerala	21.85	22.09
Maharashtra	72.31	73.30	Kolkata	16.71	16.90
Mumbai	31.25	31.52	Madhya Pradesh	67.12	68.21
Punjab	30.20	30.53	North East	2.04	2.07
Rajasthan	61.29	62.01	Odisha	15.83	16.00
U.P.(East)	78.54	80.29	Tamil Nadu	57.91	58.48
U.P.(West)	60.76	61.98	West Bengal	48.47	49.40
Total	470.28	477.49	Total	407.15	412.59
Total (Zone-1 + Zone-2)				877.43	890.08
Net Addition (Sep, 2023)		12.65 million			

Contact details in case of any clarification: -

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(V. Raghunandan)
Secretary, TRAI

Wireline Subscriber Base																						Annexure-I				
Service Area	BSNL		MTNL		Bharti Airtel		Reliance Com.		Tata Tele.		Quadrant		Vodafone Idea		Reliance Jio		V-CON Mobile & Infra Pvt. Ltd.		APSFL		Total		Net Addition			
	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23				
Andhra Pradesh	547304	538627			530285	548140	19389	19330	236147	238476			63615	60365	1205808	1224712			652761	650291	3255309	3279941	24632			
Assam	101,789	102,314			25568	26497	0	0	0	0			2610	2610	170661	173159					300628	304580	3952			
Bihar	160,613	163,988			92480	95801	9	9	10241	10196			2380	2380	488276	497866					753999	770240	16241			
Delhi			1009993	1007942	2026598	2050747	20529	19856	212065	211662			78150	78660	923768	938468					4271103	4307335	36232			
Gujarat	309059	288865			232196	237380	2812	2872	158463	159596			54176	55916	620916	625954					1377622	1370583	-7039			
Haryana	205840	200238			137274	140842	0	0	46411	44917			420	420	121758	124748					511703	511165	-538			
Himachal Pradesh	89896	89392			6572	7041	0	0	1518	1483			90	90	55502	56343					153578	154349	771			
J & K	80800	79011			96496	99374	0	0	0	0			30	30	197664	199610					374990	378025	3035			
Karnataka	535069	530227			1130220	1147739	17409	17386	409090	416301			133458	133068	900257	888416					3125503	3133137	7634			
Kerala	1000358	994280			96501	98179	3413	3293	19586	19773			6910	6880	272996	279712					1399764	1402117	2353			
Kolkata	184409	182566			197847	200076	4649	4617	63073	64199			15025	15055	484702	483330					949705	949843	138			
Madhya Pradesh	252626	238493			478315	490042	5	5	49388	53612			35235	39540	668295	675638					1483864	1497330	13466			
Maharashtra	569168	557923			427098	445156	8458	8292	226105	225824			21451	20971	253253	258812					1505533	1516978	11445			
Mumbai			1244689	1236917	575238	578479	38894	38549	606187	606007			167561	166891	835422	851016					3467991	3477859	9868			
North East	69502	70254					0	0	0	0			510	510	157725	163285					227737	234049	6312			
Odisha	165666	166603			19493	26615	4	4	10797	10749			3660	3660	245249	245346					444869	452977	8108			
Punjab	370138	369842			249080	253432	1895	1893	15756	16673	369000	374924	2010	1830	317804	324507	17549	17549			1343232	1360650	17418			
Rajasthan	272947	269507			227622	232891	3503	3492	24670	24284			15295	12425	368991	375989					913028	918588	5560			
Tamil Nadu	940518	931048			865864	875356	16762	16146	142107	141276			32568	33733	768635	784268					2766454	2781827	15373			
U.P.(E)	119562	119422			194598	198853	37	37	11354	10970			16570	16600	492391	495555					834512	841437	6925			
U.P.(W)	177735	177738			127277	130892	8	8	6827	6836			3616	3601	537314	550996					852777	870071	17294			
West Bengal	177695	179355			41503	44199	69	69	2749	2784			150	150	240416	238715					462582	465272	2690			
Total	6330694	6249693	2254682	2244859	7778125	7927731	137845	135858	2252534	2265618	369000	374924	655490	655385	10327803	10456445	17549	17549	652761	650291	30776483	30978353	201870			
Net Addition		-81001		-9823		149606		-1987		13084		5924		-105		128642		0		-2470		201870				
Rural Subscribers	1988062	1967184	34	34	2232	2915	361	361	9044	9017	18083	17664	0	0	196101	200773		0	483043	481215	2696960	2679163	-17797			

Wireless Subscriber Base																Annexure-II	
Circle	Bharti Airtel (including Tata)		Reliance Com.		Vodafone Idea		BSNL		BSNL (VNO's)		MTNL		Reliance Jio		Total		Net Addition
	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	Aug-23	Sep-23	
Andhra Pradesh	33037626	33157725			11194912	11007032	6706025	6631388					31132163	31377637	82070726	82173782	103056
Assam	11,397,614	11,475,925			1837672	1803134	3195737	3192009					9037935	9041371	25468958	25512439	43481
Bihar	40,627,897	40,649,017			7943071	7840736	5387664	5397055					38720581	39157555	92679213	93044363	365150
Delhi	17386804	17633421	23	23	16559451	16583934					1688196	1688013	19361859	19487598	54996333	55392989	396656
Gujarat	11517720	11575256	43	43	21661000	21512053	4909331	4416610					28307727	28524098	66395821	66028060	-367761
Haryana	6665375	6710871	11	11	7059545	6979837	4277190	4212788					8396861	8435967	26398982	26339474	-59508
Himachal Pradesh	3555400	3564011	92	92	417731	412534	1606440	1603113					3324299	3334263	8903962	8914013	10051
J & K	5904045	5933139	0	0	310916	308207	837332	826820					5169889	5195889	12222182	12264055	41873
Karnataka	31846069	31719386	574	574	6666276	6586621	4729271	4410678					22751031	22939501	65993221	65656760	-336461
Kerala	8315122	8353158	113	113	14113847	14028432	9749302	9652694					10458590	10540914	42636974	42575311	-61663
Kolkata	5646218	5687333	0	0	5571836	5566595	2185799	2189565					10554364	10586050	23958217	24029543	71326
Madhya Pradesh	15676474	15736984	0	0	16457711	16249668	5063666	4983465					40309112	40652254	77506963	77622371	115408
Maharashtra	21310359	21314679	0	0	23434106	23360391	6127418	6143342					42148536	42548318	93020419	93366730	346311
Mumbai	10011054	9999773	877	877	11142422	11147788					265883	263470	12370695	12464221	33790931	33876129	85198
North East	6054529	6114788	0	0	891990	866774	1,270,211	1,263,328					4134372	4123251	12351102	12368141	17039
Odisha	11445041	11428063	29	29	1562770	1536700	6,212,390	5,757,087					14387768	14485859	33607998	33207738	-400260
Punjab	12337792	12398186	106	106	6779316	6719723	4,257,440	4,138,828					11703053	11750685	35077707	35007528	-70179
Rajasthan	22991248	22971737	155	155	10445136	11261139	5,568,427	5,677,644					25556834	25617046	64561800	65527721	965921
Tamil Nadu	28486784	28716722	238	238	16268019	16220684	7,610,751	7,579,750	158,338	165,045			24786642	24982881	77310772	77665320	354548
U.P.(E)	36784488	36872197	0	0	18090106	17911800	8,496,815	8,096,415					37035780	37462411	100407189	100342823	-64366
U.P.(W)	18197362	18300702	8	8	16036276	15896482	5,267,948	4,957,432					22948732	23159191	62450326	62313815	-136511
West Bengal	17265294	17467498	115	115	13840488	13734392	2,380,414	2,376,102					23138135	23343486	56624446	56921593	297147
Total	376460315	377780571	2384	2384	228284597	227534656	95839571	93506113	158338	165045	1954079	1951483	445734958	449210446	1148434242	1150150698	1716456
Net Addition		1320256		0		-749941		-2333458	3.1E+07	6707		-2596		3475488	31344019	1716456	
Rural Subscribers	181,498,976	182,137,019	0	0	110997412	110645391	30,215,405	29,308,434	0	0	35283	35280	196297437	197859318	519044513	519985442	940929

Proportion of VLR on the date of Peak VLR in the month of Sep-23 (%)							Annexure-III
Circle	Bharti	BSNL	Vodafone Idea	MTNL	Reliance Com.	Reliance Jio	Total
Andhra Pradesh	100.30	65.18	96.24		-	89.61	92.84
Assam	95.78	40.76	92.17		-	94.33	88.12
Bihar	91.25	35.02	83.76		-	88.85	86.35
Delhi	100.21		61.49	17.96	100.00	92.37	83.35
Gujarat	113.55	47.28	92.05		120.93	96.22	94.62
Haryana	103.50	30.10	90.77		109.09	95.02	85.67
Himachal Pradesh	98.26	54.33	106.52		43.48	105.50	93.45
J & K	91.46	67.95	86.69		-	92.57	90.23
Karnataka	102.55	61.30	86.01		100.00	95.05	95.50
Kerala	101.79	84.69	93.99		127.43	94.67	93.58
Kolkata	98.16	41.36	89.97		-	104.54	93.89
Madhya Pradesh	101.59	45.66	85.31		-	92.69	89.93
Maharashtra	112.84	60.97	92.68		-	97.19	97.25
Mumbai	89.84		71.58	124.21	88.48	96.46	86.53
North East	102.53	54.99	93.04		-	103.96	97.48
Odisha	104.82	51.57	93.22		41.38	97.77	91.98
Punjab	103.64	41.40	92.81		65.09	100.03	92.99
Rajasthan	100.86	44.04	92.41		60.00	95.39	92.35
Tamil Nadu	99.68	77.60	93.66		104.62	90.28	93.20
U.P. (E)	93.20	32.20	86.59		-	89.37	85.67
U.P. (W)	100.17	36.44	89.22		100.00	89.26	88.25
West Bengal	96.76	66.37	93.24		64.35	93.34	93.24
Total	99.57	53.36	87.80	32.31	89.18	93.56	91.02

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: -

1	Total IMSI's in HLR (A)
2	Less: (B = a + b + c + d + e)
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
3	Subscribers Base (A-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.