

Information Note to the Press (Press Release No.63 of 2010)

TELECOM REGULATORY AUTHORITY OF INDIA

New Delhi, 1st December 2010

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

Telecom Subscription Data as on 30th September 2010

- ❖ **Total Telephone subscriber base reaches 723.28 Million**
 - **Wireless subscription reaches 687.71 Million**
 - **Active wireless subscribers in VLR 482.89 Million**
 - **Wireline subscription declines to 35.57 Million**
- ❖ **17.10 Million new additions in wireless**
- ❖ **Overall Tele-density reaches 60.99**
- ❖ **Broadband subscription is 10.29 million**

The number of telephone subscribers in India increased to **723.28** Million at the end of September 2010 from **706.37** Million in August-2010, thereby registering a growth rate of 2.39 %. With this, ***the overall Tele-density in India reaches 60.99***

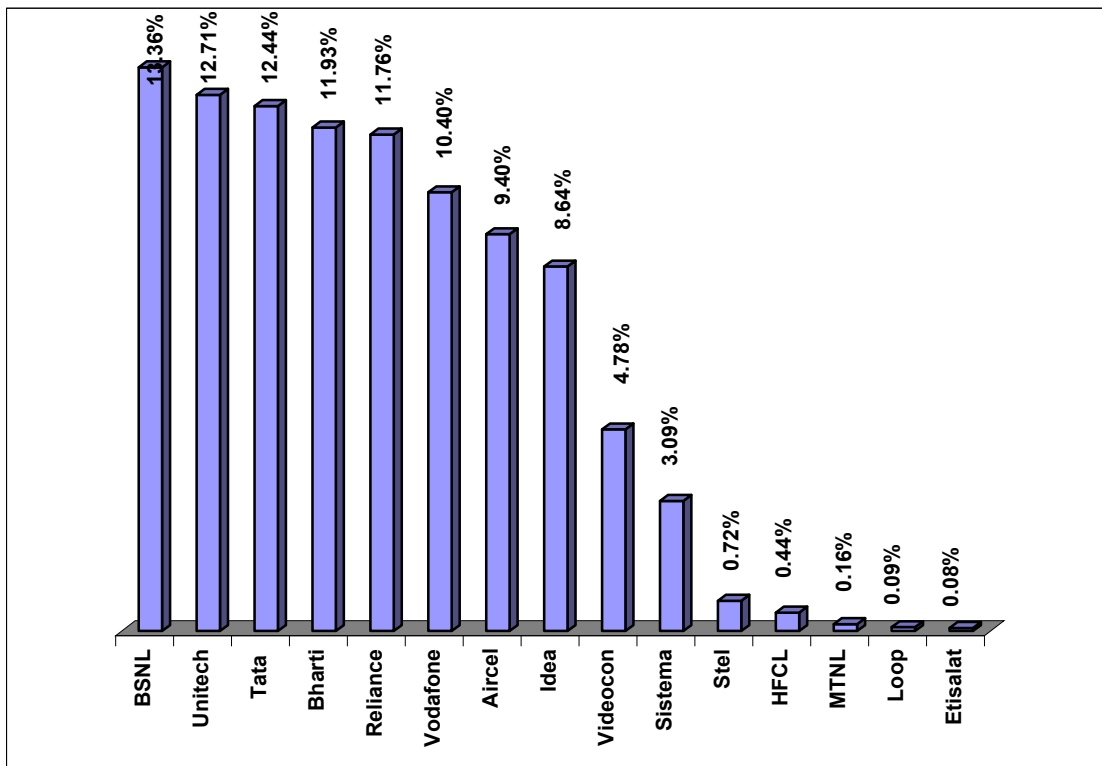
Wireless Segment (GSM, CDMA & FWP)

Wireless subscriber base increased from 670.60 Million in August-2010 to 687.71 Million at the end of September-2010 registering a growth of 2.55%. Wireless Tele-density stands at 57.99. Detailed statistics is at Annexure-I.

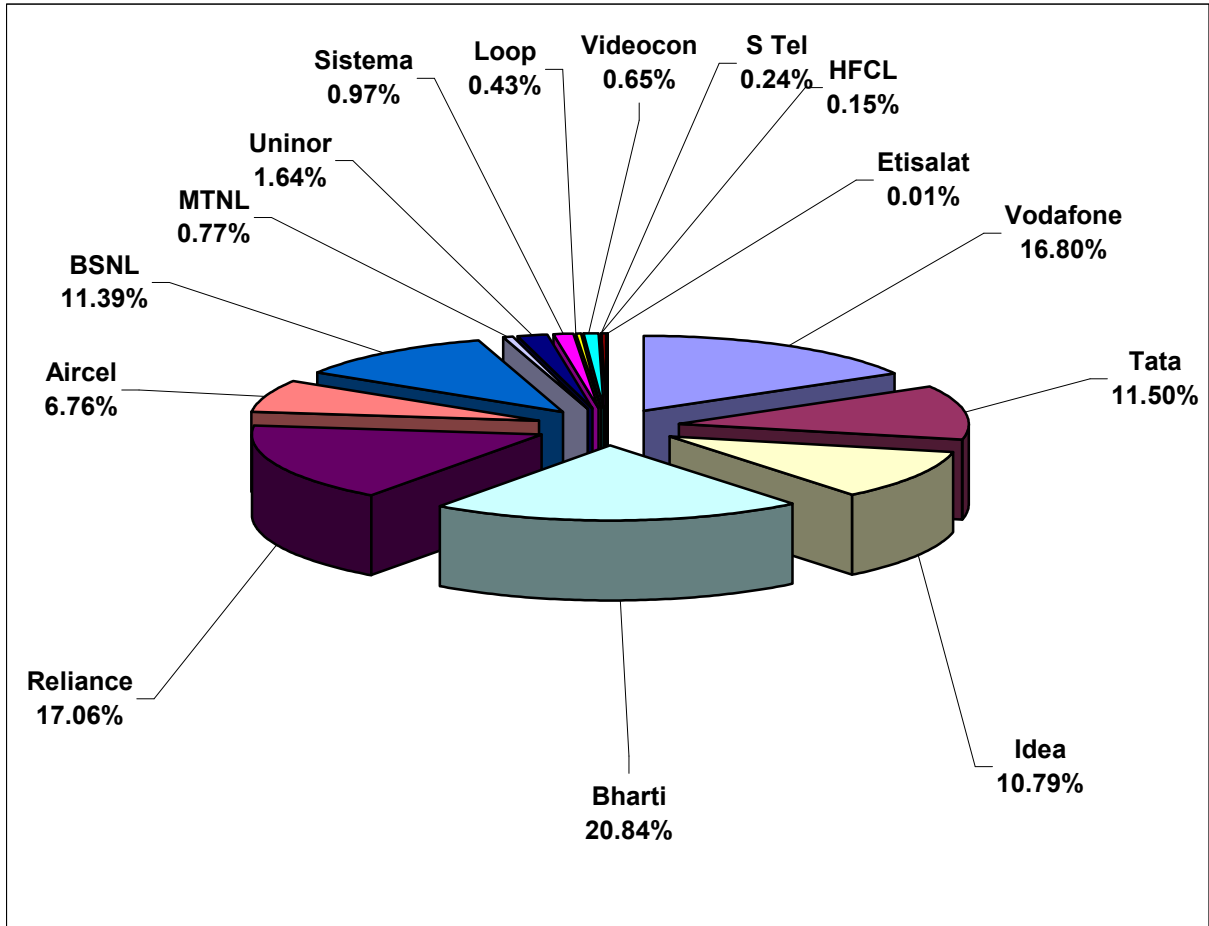
Out of the total 687.71 million wireless subscribers, 482.89 million subscribers were active subscribers in VLR on the last working day of the month i.e, 30th September 2010. The total active VLR

numbers excludes the CDMA VLR figure of BSNL, as the service provider has not provided the VLR figures corresponding to their total CDMA subscriber base of 5.78 million. The proportion of VLR subscribers is approximately 70% of the total wireless subscriber base reported by the service providers. The methodology used for reporting subscriber base/active subscribers along with the detailed statistics is at Annexure II.

A. Service Providers' share in net additions during the month of September-2010



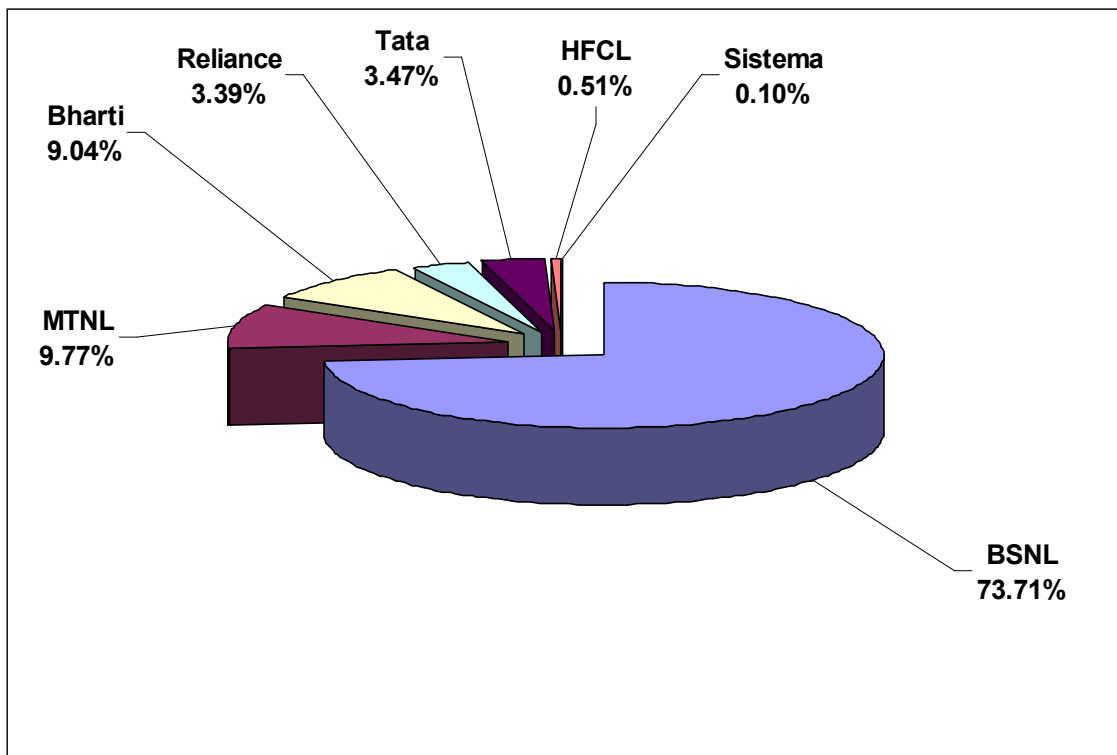
B. Service Provider wise Market Share as on 30-09-2010



Wireline Segment

Wireline subscriber base declined from 35.77 Million in August-2010 to 35.57 Million at the end of September-2010. BSNL/MTNL, two PSU operators hold 83.48% of the Wireline market share. Overall Wireline teledensity is 3.00. Detailed statistics is at Annexure-III.

Service Provider wise Market Share as on 30-09-2010



Category wise Net Additions during the Month of September-2010

Category	Net Addition	
	Wireline	Wireless
Circle A	-24253	5217056
Circle B	-167475	7243335
Circle C	-20370	2535265
Metro	13639	2109217
All India	-198492	17104873

Category-wise Growth Rate in Access Service

Category	Monthly rate of growth (August 2010 to September 2010)		Yearly rate of growth (September 2009 to September 2010)	
	Wireline	Wireless	Wireline	Wireless
Circle A	-0.18%	2.15%	-3.01%	41.30%
Circle B	-1.41%	2.80%	-9.81%	49.92%
Circle C	-0.66%	2.88%	-5.64%	54.33%
Metro	0.19%	2.58%	1.96%	38.43%
All India	-0.55%	2.55%	-4.66%	45.79%

Broadband (\geq 256 Kbps download)

Total Broadband subscriber base has increased from 10.08 million in Aug-2010 to 10.29 million in Sep-2010, thereby showing a growth of 2.08 %.

Note: Information in the Press Release is based on the data provided by the Service Providers/ Service Providers' Association.

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(Raj Pal)

Wireless Subscriber Base
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Circle	Group											
	Bharti		Reliance		Vodafone		Tata		Idea		Aircel / Dishnet	
	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10
Andhra Pradesh	14,240,429	14,417,840	7,824,704	7839468	6,543,536	6,626,786	8,342,374	8,428,925	7,000,679	7,075,631	1,362,975	1,534,492
Assam	2,683,243	2,710,036	1,921,062	1969515	1,032,891	1,065,719	115,891	110,150	154,894	175,362	2,872,757	2,896,025
Bihar	12,600,521	12,901,274	7,374,890	7441754	4,002,799	4,058,424	4,389,209	4,596,786	3,607,138	3,738,930	3,899,888	3,999,191
Delhi	6,950,079	7,077,884	6,781,574	7022048	5,877,012	6,024,698	5,456,869	5,554,031	3,029,288	3,035,326	1,587,591	1,666,398
Gujarat	5,980,024	6,008,563	6,400,689	6513415	12,059,391	12,327,687	2,776,817	2,910,342	5,827,547	6,000,166	3,485	36,947
Himachal Pradesh	1,452,709	1,468,592	1,259,472	1294178	246,372	251,494	243,096	266,002	320,457	344,923	646,879	668,579
Haryana	1,580,398	1,660,048	3,013,235	3087365	3,219,961	3,274,177	2,749,752	2,794,804	2,403,295	2,471,611	125,501	159,346
J & K	1,751,239	1,772,077	311,114	318068	248,250	256,127	86,613	84,717	70,651	71,833	1,547,375	1,544,931
Karnataka	13,434,418	13,470,973	6,774,060	6792171	5,716,654	5,735,240	6,682,186	6,788,579	3,046,945	3,121,463	1,221,544	1,274,713
Kerala	3,332,095	3,352,122	3,675,645	3700958	4,629,829	4,709,123	2,555,535	2,613,756	6,001,155	6,002,217	1,613,411	1,740,945
Kolkata	2,947,042	3,004,451	3,951,882	3954363	3,821,101	3,881,490	2,805,750	2,893,384	742,815	771,790	1,495,788	1,540,301
Madhya Pradesh	7,496,236	7,719,594	9,396,547	9476357	2,253,647	2,276,334	4,027,641	4,189,825	8,294,116	8,401,422	189,752	289,114
Maharashtra	7,209,072	7,269,397	8,054,845	8101673	8,341,129	8,607,685	8,857,456	9,034,901	10,351,248	10,551,511	736,103	786,126
Mumbai	3,201,916	3,207,499	6,493,019	6720923	5,352,428	5,368,727	5,075,563	5,334,363	1,802,488	1,803,591	1,231,333	1,273,102
North East	1,612,005	1,657,241	546,025	565444	628,432	647,660	85,621	76,328	68,912	86,595	1,861,170	1,902,068
Orissa	4,840,243	4,905,816	2,925,899	2989444	1,246,607	1,251,768	2,272,371	2,349,056	749,790	810,952	2,124,406	2,165,496
Punjab	5,171,278	5,403,251	3,161,472	3162686	3,450,820	3,491,130	2,830,691	2,897,137	3,608,331	3,759,869	96,248	176,166
Rajasthan	11,004,105	11,084,801	5,905,306	6047826	7,950,484	8,033,143	2,968,570	3,150,235	2,474,622	2,519,682	77	85
Tamil Nadu	11,621,966	11,722,611	6,940,064	6942807	9,975,862	10,130,663	4,749,385	4,784,586	1,200,690	1,201,183	17,427,511	17,781,916
U.P.(E)	10,574,173	10,812,901	9,851,575	10158674	11,667,100	11,769,526	3,613,286	3,719,266	4,262,682	4,423,834	1,255,960	1,309,135
U.P.(W)	4,923,409	5,000,380	7,269,813	7611561	7,271,525	7,351,792	4,041,162	4,170,228	6,512,136	6,613,009	1,099,794	1,212,042
West Bengal	6,644,688	6,664,921	5,492,161	5626672	8,238,579	8,413,649	2,217,504	2,324,315	1,206,042	1,232,607	2,507,131	2,558,260
Total	141,251,288	143,292,272	115,325,053	117337370	113,774,409	115,553,042	76,943,342	79,071,716	72,735,921	74,213,507	44,906,679	46,515,378
Net Additions during September - 2010		2,040,984		2,012,317		1,778,633		2,128,374		1,477,586		1,608,699

**Wireless Subscriber Base
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Annexure I

Group											
BSNL		MTNL		Uninor		Sistema		Loop		Videocon	
Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10
5,238,900	5477382	-	-	987364	1,223,875	76,358	109,336	-	-	16	16
1,238,163	1274691	-	-	-	-	-	-	-	-	-	-
5,120,700	5282138	-	-	1147797	1,395,209	448,041	487,686	-	-	20	20
		2,500,719	2,529,056	-	-	555,979	574,998	-	-	-	-
3,473,531	3519839	-	-	487,623	708,884	-	-	-	-	627242	834,160
1,398,083	1496931	-	-	-	-	-	-	-	-	596	3,600
2,781,889	2870886	-	-	-	-	71,423	75,832	53	53	656984	760,000
666,336	688642	-	-	-	-	-	-	-	-	-	-
4,427,846	4565952	-	-	653262	699,924	558,685	634,397	-	-	15	15
4,492,080	4924381	-	-	380993	410,569	264,713	287,615	-	-	260396	330,233
2,044,946	2113108	-	-	317,979	498,787	483,232	505,206	58	90	-	-
4,556,340	4638691	-	-	-	-	-	-	55	63	132224	309,682
5,426,919	5520117	-	-	412,192	640,160	144,038	196,080	-	-	20	20
		2,782,319	2,782,198	333,761	443,168	317,633	371,347	2,967,803	2983482	903463	983,734
1,208,038	1246301	-	-	-	-	-	-	-	-	-	-
3,058,003	3133889	-	-	408985	486,058	-	-	61	96	20	20
3,901,451	4045231	-	-	-	-	-	-	35	35	-	-
5,043,016	5144946	-	-	-	-	1,573,726	1,641,269	46	80	20	20
6,543,407	6660671	-	-	784928	883,967	755,273	843,605	-	-	1083748	1,260,562
9,011,642	9183970	-	-	1637758	1,907,886	-	-	-	-	75	100
3,775,980	3858097	-	-	1133246	1,340,291	-	-	-	-	40	70
2,629,828	2675862	-	-	408,074	628,882	861,568	911,099	-	-	20	20
76,037,098	78321725	5,283,038	5,311,254	9,093,962	11,267,660	6,110,669	6,638,470	2,968,111	2,983,899	3,664,899	4,482,272
	2,284,627		28,216		2,173,698		527,801		15,788		817,373

Wireless Subscriber Base
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Annexure I

Group								
Stel		HFCL		Etisalat/Allianz		Circle-wise Total		
Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Net Addition
-		-		2050	2,765	51,619,385	52,736,516	1117131
11,293	25,866	-				10,030,194	10,227,364	197170
711831	769,225	-		1844	2,233	43,304,678	44,672,870	1368192
-		-		6676	7,388	32,745,787	33,491,827	746040
-		-		3286	4,344	37,639,635	38,864,347	1224712
292126	311,841	-				5,859,790	6,106,140	246350
-		-		1259	1,695	16,603,750	17,155,817	552067
-		-				4,681,578	4,736,395	54817
-		-		2492	3,398	42,518,107	43,086,825	568718
-		-		906	1,104	27,206,758	28,073,023	866265
-		-				18,610,593	19,162,970	552377
-		-		3985	5,572	36,350,543	37,306,654	956111
-		-		3406	4,526	49,536,428	50,712,196	1175768
-		-		1724	2,116	30,463,450	31,274,250	810800
801	6,999	-				6,011,004	6,188,636	177632
503447	528,341	-				18,129,832	18,620,936	491104
-		947,815	1,022,944	1677	2,289	23,169,818	23,960,738	790920
-		-		3586	4,534	36,923,558	37,626,621	703063
-		-		2910	3,900	61,085,744	62,216,471	1130727
-		-		3795	5,228	51,878,046	53,290,520	1412474
-		-		4113	5,491	36,031,218	37,162,961	1131743
-		-				30,205,595	31,036,287	830692
1,519,498	1,642,272	947,815	1,022,944	43,709	56,583	670,605,491	687,710,364	17104873
	122,774		75,129		12,874		17,104,873	

HLR, VLR Subscribers in the Wireless Segment

HLR:- Home Location Register (HLR) is a central database that contains details of each mobile phone subscriber that is authorized to use the core network. The HLRs store details of every SIM card issued by the mobile phone operator. 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 mobile phone operator. 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 Home Location Register(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 Distributional Channels (Active Card)
d.	Subscriber Retention period expired
e.	Service suspended pending disconnection
3	Subscribers Base (A-B)

VLR:- 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 and numbers available in VLR.

Service Provider	Wireless Subscribers	VLR Subscribers	Proportion of VLR Subscribers
Aircel/Dishnet	46515378	27486641	59.09%
Bharti	143292272	127955403	89.30%
Loop	2983899	1438683	48.21%
BSNL-GSM	72537194	42961761	59.23%
BSNL-CDMA	5784531	NA	
HFCL-CDMA	295683	115646	39.11%
HFCL-GSM	727261	382273	52.56%
Vodafone	115553042	86649844	74.99%
IDEA	67332175	59179298	87.89%
MTNL-GSM	5015979	1818709	36.26%
MTNL-CDMA	295275	85793	29.06%
RCL-GSM	41206812	27341140	66.35%
RCL-CDMA	55287293	37737141	68.26%
RTL	20843265	13433680	64.45%
Sistema Shyam	6638470	3070009	46.25%
Spice	6881332	6184343	89.87%
Tata CDMA	40915744	18005492	44.01%
Tata GSM	38155972	17619730	46.18%
S Tel	1642272	399580	24.33%
Unitech	11267660	3482519	30.91%
Videocon	4482272	1742311	38.87%
Etisalat	56583	24640	43.55%

Out of the total 687.71 million wireless subscribers, 482.89 million subscribers were active subscribers in VLR on the last working day of the month i.e, 30th September 2010. The total active VLR numbers excludes the CDMA VLR figure of BSNL. The service provider has not provided the VLR figures corresponding to their total CDMA subscriber base of 5.78 million. The proportion of VLR subscribers is approximately 70% of the total wireless subscriber base reported by the service providers.

GROUP																	
Circle	BSNL		MTNL		Bharti		Reliance		Tata		HFCL		Sistema		Circle-wise Total		
	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Aug-10	Sep-10	Net Addition
Andhra Pradesh	2,042,495	2034108			121,800	121897	83,658	83741	151,641	152285					2,399,594	2,392,031	-7,563
Assam	299,024	295293							895	1239					299,919	296,532	-3,387
Bihar	1,357,070	1353544					3,742	3829	7,782	8146					1,368,594	1,365,519	-3,075
Delhi			1,543,543	1,546,202	1,010,923	1019937	173,015	173209	49,748	51791					2,777,229	2,791,139	13,910
Gujarat	1,835,695	1822636			51,020	51910	116,502	116662	56,325	57043					2,059,542	2,048,251	-11,291
Himachal Pradesh	342,032	339434					3,622	3741	1,496	1532					347,150	344,707	-2,443
Haryana	681,542	661235			22,727	22930	3,674	3732	11,921	12370					719,864	700,267	-19,597
J & K	218,491	218097					18	18	128	128					218,637	218,243	-394
Karnataka	2,053,754	2053135			478,972	481370	101,529	102035	111,787	110762					2,746,042	2,747,302	1,260
Kerala	3,237,125	3227547			53,239	53660	53,575	53765	10,241	10097					3,354,180	3,345,069	-9,111
Kolkata	1,238,604	1230682			82,548	83871	91,711	90972	24,919	25292					1,437,782	1,430,817	-6,965
Madhya Pradesh	1,151,333	1124325			304,835	303026	33,393	33379	4,471	4656					1,494,032	1,465,386	-28,646
Maharashtra	2,559,323	2549308			66,727	67835	86,207	87562	186,581	189574					2,898,838	2,894,279	-4,559
Mumbai			1,930,846	1,928,340	321,871	324626	207,091	209610	509,038	512964					2,968,846	2,975,540	6,694
North East	297,343	294060							101	123					297,444	294,183	-3,261
Orissa	566,180	558180					3,637	3793	5,643	5677					575,460	567,650	-7,810
Punjab	1,247,201	1240431			100,578	101359	39,743	39692	13,178	13254	181,599	183042			1,582,299	1,577,778	-4,521
Rajasthan	1,354,489	1297365			37,756	37990	21,423	21431	4,306	4382			36,089	37092	1,454,063	1,398,260	-55,803
Tamil Nadu	2,856,393	2850853			471,532	474572	137,572	137815	54,284	54441					3,519,781	3,517,681	-2,100
U.P.(E)	1,395,902	1394572			48,147	47798	34,077	34079	10,021	10196					1,488,147	1,486,645	-1,502
U.P.(W)	868,153	843746			23,612	23507	5,297	5404	5,572	5652					902,634	878,309	-24,325
West Bengal	850,793	826646					1,268	1459	3,189	3175					855,250	831,280	-23,970
Operator-wise Total	26452942	26215197	3,474,389	3,474,542	3,196,287	3216288	1,200,754	1205928	1,223,267	1234779	181,599	183042	36,089	37092	35,765,327	35,566,868	-198,459
Net Additions during September-2010		-237,745		153		20,001		5,174		11,512		1,443		1,003		-198,459	