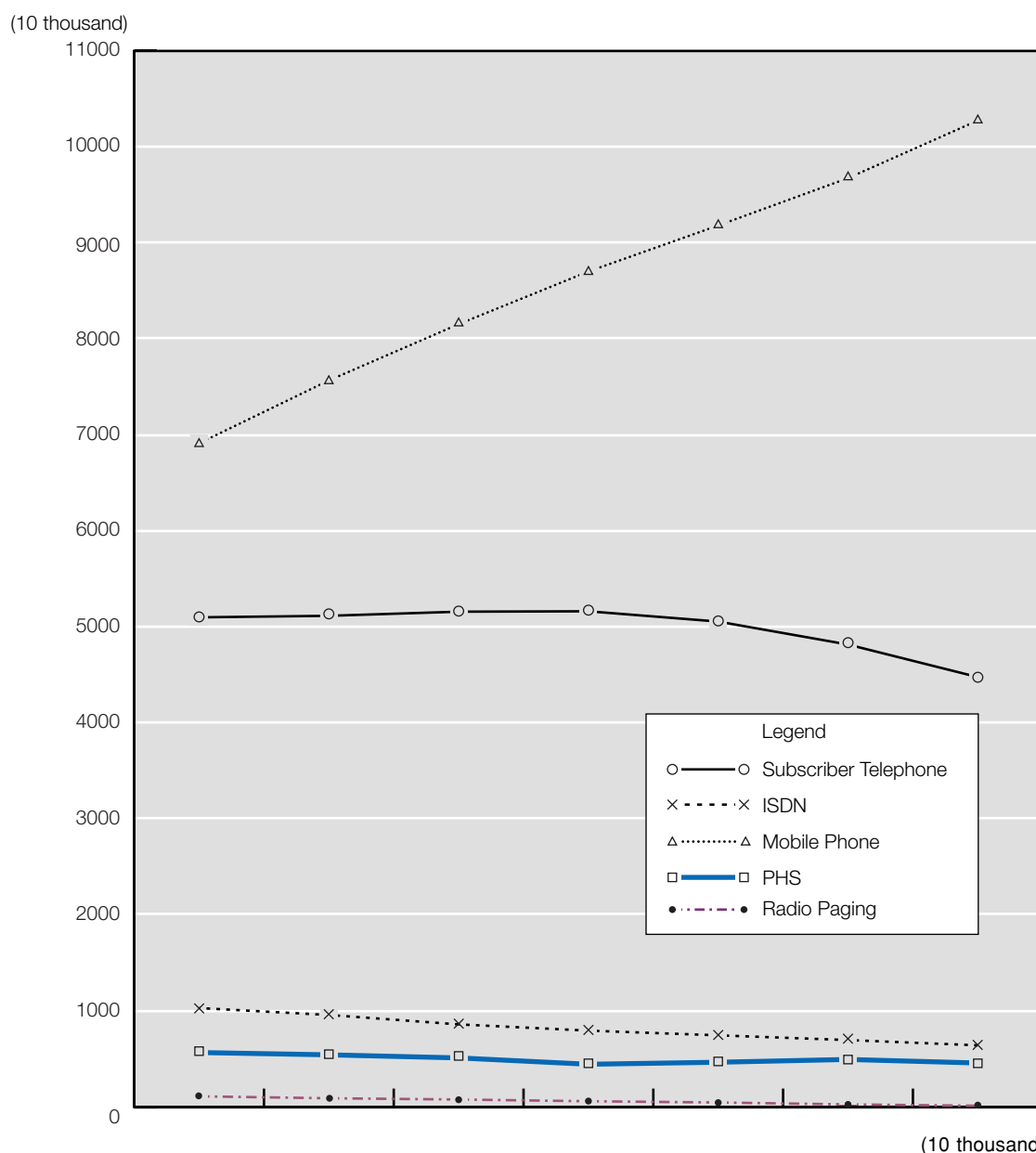


Chapter 2
Situation of Info-communications
Service Usage

2-1 Situation of Number of Contracts for Various Services

2-1-1 Trends in Number of Subscribers/Contractors for Various Services



Service	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	5,100	5,116	5,159	5,163	5,056	4,817	4,478
ISDN	1,033	961	863	798	749	700	645
IP Phone (numbers in use)	-	-	528	830	1,146	1,448	1,754
Mobile Phone	6,912	7,566	8,152	8,700	9,179	9,672	10,272
PHS	570	546	514	448	469	498	461
Radio Paging	114	94	81	63	50	30	16
Public Phone	68	58	50	44	39	36	33
General Leased Circuit	68	60	53	48	43	39	36

Note: Compiled from published data of the Ministry of Internal Affairs and Communications and the Telecommunications Carriers Association.

2-1-2 Number of Contracts for Subscriber Telephone by Region

Pref.	(Contracts)										NTT Subscribers by Region (FY 2007)
	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007				
	Total	Total	Total	Total	Total	Total	Total	NTT(Re-entry)		Residential	
								Total	Business	Residential	
Hokkaido	2,236,241	2,248,100	2,275,416	2,288,006	2,235,120	2,136,809	2,013,994	1,806,149	331,365	1,474,784	
Aomori	552,553	548,763	548,514	547,472	540,942	522,346	499,148	463,293	93,287	370,006	
Iwate	512,589	507,584	508,410	508,089	501,110	484,930	458,889	430,418	88,339	342,079	
Miyagi	875,759	869,040	874,348	870,490	852,175	816,470	770,179	691,339	150,365	540,974	
Akita	421,469	419,471	424,230	425,456	419,512	402,793	385,978	364,971	73,446	291,525	
Yamagata	396,554	395,349	400,149	402,998	398,159	379,949	357,008	339,973	74,882	265,091	
Fukushima	737,734	733,102	740,579	742,071	728,442	697,413	659,077	626,546	131,969	494,577	
Ibaraki	1,067,960	1,067,673	1,077,713	1,086,165	1,076,993	1,040,227	980,727	897,619	187,632	709,987	
Tochigi	723,208	720,147	724,704	727,643	721,601	694,110	651,583	618,695	131,497	487,198	
Gunma	752,606	751,776	763,104	763,379	765,808	730,710	673,613	626,683	132,833	493,850	
Saitama	2,570,530	2,610,669	2,652,672	2,680,957	2,629,671	2,497,828	2,305,881	1,961,308	356,177	1,605,131	
Chiba	2,292,549	2,323,615	2,365,029	2,382,963	2,342,539	2,223,752	2,052,359	1,754,837	326,172	1,428,665	
Tokyo	6,484,073	6,513,754	6,490,668	6,420,627	6,221,238	5,860,225	5,382,026	4,513,346	1,389,650	3,123,696	
Kanagawa	3,601,040	3,692,810	3,760,839	3,778,830	3,707,113	3,530,486	3,259,819	2,693,999	500,302	2,193,697	
Niigata	864,038	859,041	867,902	873,945	866,894	839,511	795,578	747,639	169,631	578,008	
Toyama	381,767	382,889	386,781	389,053	384,123	370,728	355,575	332,730	74,582	258,148	
Ishikawa	430,712	428,405	430,957	433,453	420,877	401,002	378,287	352,722	83,940	268,782	
Fukui	284,090	283,756	284,425	282,564	279,895	269,135	253,890	239,661	61,075	178,586	
Yamanashi	353,655	352,232	355,289	352,712	350,347	337,108	317,250	298,141	72,064	226,077	
Nagano	858,734	855,521	861,526	867,166	855,156	827,425	780,141	730,778	167,351	563,427	
Gifu	742,846	739,204	749,087	755,584	748,918	718,386	673,823	629,083	145,105	483,978	
Shizuoka	1,457,566	1,469,868	1,484,199	1,490,731	1,471,499	1,411,613	1,323,777	1,212,345	283,161	929,184	
Aichi	2,768,950	2,778,618	2,805,493	2,816,396	2,766,140	2,630,548	2,423,134	2,129,364	498,400	1,630,964	
Mie	696,030	695,689	699,107	697,658	693,724	670,760	640,377	610,033	124,171	485,862	
Shiga	467,751	471,645	481,743	480,966	467,958	440,185	404,133	378,053	82,853	295,200	
Kyoto	1,094,558	1,102,544	1,116,539	1,111,831	1,072,177	1,016,751	937,392	819,120	180,030	639,090	
Osaka	4,206,917	4,222,053	4,247,750	4,235,083	4,082,760	3,852,253	3,495,964	2,809,549	702,003	2,107,546	
Hyogo	1,879,835	1,895,842	1,928,899	1,926,815	1,879,319	1,776,706	1,633,585	1,408,518	298,269	1,110,249	
Nara	522,218	529,153	539,014	538,315	525,461	503,653	465,124	407,342	73,263	334,079	
Wakayama	438,621	438,479	443,345	441,555	429,220	407,746	376,812	335,546	73,880	261,666	
Tottori	214,865	212,756	215,196	216,570	215,910	208,501	197,806	189,556	39,423	150,133	
Shimane	279,896	276,614	277,124	277,211	276,246	268,358	258,480	252,950	53,913	199,037	
Okayama	757,782	753,731	757,602	759,010	747,097	709,701	661,346	629,758	125,684	504,074	
Hiroshima	1,150,818	1,147,254	1,153,368	1,150,338	1,127,939	1,063,729	994,900	911,588	189,889	721,699	
Yamaguchi	618,221	612,880	614,854	619,172	612,496	591,161	561,726	542,452	97,567	444,885	
Tokushima	314,573	312,110	314,281	313,442	309,940	299,047	281,110	268,861	58,758	210,103	
Kagawa	404,597	402,857	404,968	404,467	398,516	385,591	364,980	332,251	74,069	258,182	
Ehime	605,495	603,287	606,923	607,526	599,765	577,844	549,148	519,101	103,927	415,174	
Kochi	341,181	337,643	336,859	334,501	327,887	315,648	299,537	283,303	58,823	224,480	
Fukuoka	1,996,053	1,990,492	2,005,634	2,009,144	1,954,826	1,847,128	1,678,874	1,425,136	315,028	1,110,108	
Saga	260,408	256,505	256,934	255,573	252,912	246,111	236,556	226,210	44,224	181,986	
Nagasaki	580,152	576,088	578,115	575,998	567,141	548,622	523,362	496,234	91,524	404,710	
Kumamoto	666,056	658,710	661,499	662,344	649,107	611,690	572,391	545,559	106,740	438,819	
Oita	491,207	487,002	488,757	488,937	480,726	460,713	432,096	405,792	78,423	327,369	
Miyazaki	456,135	453,287	453,185	452,806	444,525	428,000	406,294	385,843	66,423	319,420	
Kagoshima	717,535	707,010	707,841	710,950	698,362	669,813	635,802	587,126	107,557	479,569	
Okinawa	470,358	467,167	470,068	469,428	464,428	445,755	421,796	388,525	84,476	304,049	
Total	50,998,485	51,162,185	51,591,639	51,626,390	50,562,714	48,168,970	44,781,507	39,620,045	8,754,142	30,865,903	

Note: Prepared from data including those publicized by the Ministry of Internal Affairs and Communications.

Legend ■ : Business use
■ : Residential use

2-1-3 Number of Contracts for ISDN by Region

(Contracts)

Pref.	Basic Interface							Primary Rate Interface				
	FY2004	FY2005	FY2006	FY2007			FY2004	FY2005	FY2006	FY2007		
	Total	Total	Total	Total	NTT East - West (Re-entry)			Total	Total	Total	Total	NTT East - West (Re-entry)
					Total	Business	Residential					
Hokkaido	421,458	383,555	343,529	306,612	289,798	220,471	69,327	1,940	1,626	1,627	1,502	1,325
Aomori	70,183	65,644	60,824	55,870	52,763	42,992	9,771	261	244	242	231	220
Iwate	71,157	67,492	62,844	57,376	54,102	44,073	10,029	235	220	208	194	188
Miyagi	144,451	136,031	126,783	116,526	106,529	89,596	16,933	974	776	757	763	614
Akita	60,037	55,790	51,494	46,706	44,465	35,968	8,497	245	227	211	183	175
Yamagata	70,828	65,570	60,323	53,979	51,789	42,495	9,294	270	265	268	229	222
Fukushima	113,636	106,395	98,098	89,151	85,366	67,623	17,743	446	418	407	366	350
Ibaraki	161,841	151,790	139,789	127,061	121,562	95,354	26,208	773	661	664	663	641
Tochigi	116,691	111,363	104,511	95,506	91,045	71,683	19,362	486	465	482	473	442
Gunma	127,745	119,376	108,314	95,376	90,095	72,281	17,814	563	518	545	536	506
Saitama	346,936	323,144	299,824	276,443	251,736	198,375	53,361	1,892	1,635	1,610	1,633	1,473
Chiba	301,270	278,108	257,082	235,614	218,671	170,240	48,431	1,928	1,760	1,853	1,805	1,639
Tokyo	1,240,780	1,192,193	1,136,558	1,076,488	932,284	812,840	119,444	29,687	26,850	27,412	27,520	21,583
Kanagawa	461,125	429,456	400,905	371,018	335,954	267,138	68,816	5,015	4,682	4,831	4,697	4,072
Niigata	152,087	141,331	129,760	117,520	111,390	88,644	22,746	521	635	474	428	392
Toyama	71,264	67,185	62,298	57,946	54,820	44,852	9,968	330	288	282	264	262
Ishikawa	81,161	76,162	71,253	64,984	60,833	49,917	10,916	452	425	427	418	388
Fukui	54,352	50,716	46,529	42,802	41,101	34,096	7,005	222	205	218	201	197
Yamanashi	53,415	50,706	47,032	43,052	41,593	32,556	9,037	234	227	220	221	208
Nagano	152,900	142,683	131,459	118,435	113,743	88,946	24,797	680	635	605	589	531
Gifu	124,627	115,526	106,633	97,123	92,566	73,139	19,427	412	394	382	368	338
Shizuoka	211,015	198,196	185,806	172,653	161,281	136,889	24,392	821	773	764	750	682
Aichi	422,217	401,189	379,742	354,463	327,439	275,175	52,264	3,242	2,794	2,782	2,707	2,443
Mie	97,044	92,352	88,465	82,917	79,879	64,697	15,182	385	354	351	331	308
Shiga	74,919	69,284	64,413	59,003	56,470	45,573	10,897	757	318	314	302	277
Kyoto	159,736	149,315	139,095	127,212	116,664	90,163	26,501	992	907	849	793	734
Osaka	669,729	632,987	596,467	554,158	487,312	411,030	76,282	7,696	7,185	7,220	6,843	6,017
Hyogo	249,716	230,882	215,392	197,944	182,296	147,618	34,678	1,387	1,225	1,279	1,236	1,137
Nara	67,548	62,201	57,466	51,645	48,247	34,840	13,407	218	185	190	172	167
Wakayama	54,786	50,456	46,020	41,516	39,664	32,368	7,296	163	145	139	146	138
Tottori	40,621	37,423	34,434	31,092	29,926	23,600	6,326	153	145	135	131	129
Shimane	44,343	41,714	39,091	35,644	34,622	27,699	6,923	205	204	212	206	205
Okayama	114,686	108,267	102,205	93,207	88,517	72,008	16,509	490	486	486	494	470
Hiroshima	184,316	172,776	160,026	147,962	138,519	115,636	22,883	1,301	1,054	1,031	967	912
Yamaguchi	86,850	81,019	74,913	68,538	66,687	54,945	11,742	456	416	391	376	368
Tokushima	44,933	41,938	39,184	36,085	34,860	27,915	6,945	160	151	160	152	148
Kagawa	62,471	58,441	55,177	51,287	48,057	40,421	7,636	392	314	328	290	263
Ehime	81,322	76,394	71,290	66,065	63,691	49,902	13,789	387	336	357	345	330
Kochi	45,289	42,290	39,482	36,641	35,540	27,200	8,340	145	134	127	135	133
Fukuoka	300,953	283,299	265,996	243,963	217,076	186,536	30,540	2,391	2,186	2,250	2,076	1,707
Saga	39,338	36,964	34,530	31,560	29,766	24,747	5,019	131	118	126	135	123
Nagasaki	71,567	66,979	62,305	56,845	54,095	45,138	8,957	277	251	252	255	240
Kumamoto	99,133	92,091	84,483	76,690	72,955	59,687	13,268	381	340	343	328	320
Oita	69,955	65,465	61,460	56,243	53,873	43,405	10,468	252	232	246	236	213
Miyazaki	63,336	59,298	54,196	48,739	46,757	38,248	8,509	245	230	247	257	255
Kagoshima	96,207	88,364	80,296	72,762	69,136	55,117	14,019	267	256	239	236	226
Okinawa	59,829	56,459	52,728	48,973	45,480	38,683	6,797	642	551	554	594	539
Nationwide	7,909,803	7,426,259	6,930,504	6,389,395	5,871,014	4,812,519	1,058,495	71,502	64,446	65,097	63,777	54,250

Note: Prepared from data including those publicized by the Ministry of Internal Affairs and Communications.

2-1-4 Situation of Number of Contracts for Mobile Phone

2-1-4-1 Number of Contracts for Mobile Phone by Region

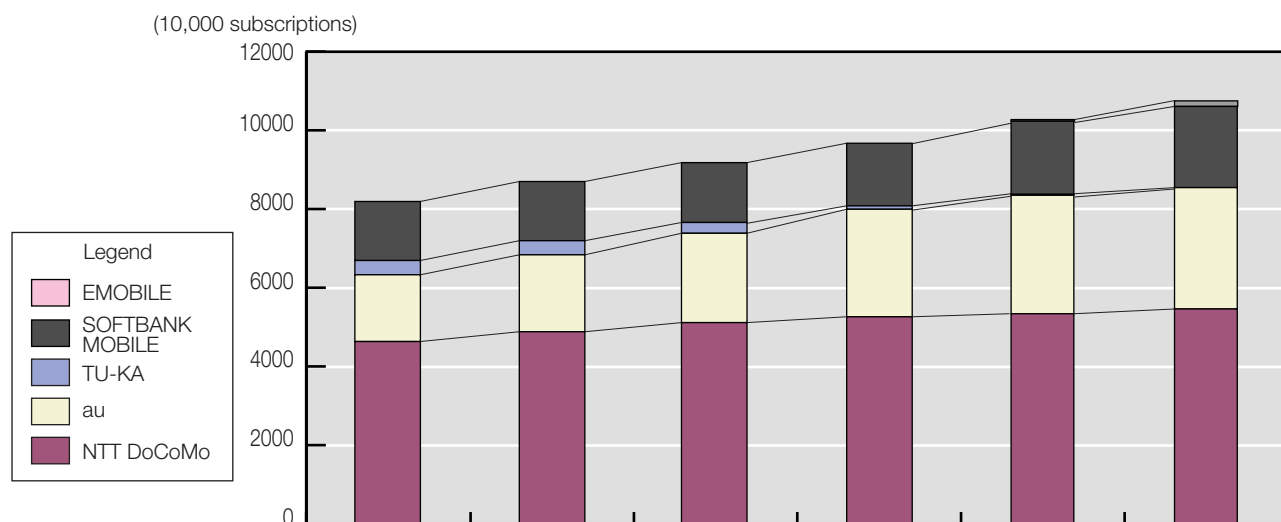
(Contracts)

Pref.	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Hokkaido	2,777,171	3,014,593	3,355,436	3,515,568	3,719,711	3,908,856	4,105,567
Aomori	603,967	672,390	715,893	767,811	807,450	844,485	881,007
Iwate	556,100	627,054	673,028	721,748	762,802	801,805	839,752
Miyagi	1,220,498	1,232,459	1,594,767	1,552,281	1,661,075	1,781,989	1,915,446
Akita	462,100	523,659	565,612	609,522	641,961	671,616	700,040
Yamagata	497,218	560,475	604,226	657,033	694,487	728,839	767,637
Fukushima	886,520	985,274	1,057,307	1,148,597	1,213,756	1,277,936	1,341,605
Ibaraki	1,554,349	1,686,677	1,766,230	1,930,964	2,012,792	2,096,978	2,178,490
Tochigi	983,872	1,081,941	1,142,062	1,288,003	1,345,791	1,407,575	1,465,405
Gunma	1,008,354	1,100,274	1,157,361	1,299,161	1,353,981	1,411,324	1,475,638
Saitama	3,472,475	3,866,486	4,105,765	4,752,574	4,977,469	5,189,257	5,430,831
Chiba	3,035,085	3,360,856	3,547,968	4,080,876	4,279,628	4,467,506	4,684,599
Tokyo	9,428,817	9,809,667	11,543,510	11,348,425	12,267,998	13,350,891	15,006,645
Kanagawa	4,474,980	4,987,099	5,227,099	6,087,236	6,427,081	6,714,304	7,101,083
Niigata	1,036,699	1,158,347	1,250,252	1,364,771	1,445,107	1,516,341	1,589,152
Toyama	523,742	569,438	625,327	689,066	722,177	755,056	787,736
Ishikawa	690,424	722,967	784,012	789,402	828,790	875,580	928,925
Fukui	417,085	447,745	469,092	514,660	538,250	561,950	582,372
Yamanashi	450,283	493,384	511,731	566,429	590,390	616,108	641,581
Nagano	1,093,190	1,194,061	1,235,420	1,355,609	1,420,552	1,481,688	1,540,760
Gifu	1,158,989	1,246,128	1,298,991	1,409,376	1,464,831	1,525,619	1,591,663
Shizuoka	2,033,607	2,192,934	2,279,204	2,488,558	2,593,379	2,704,989	2,817,978
Aichi	4,798,676	4,596,847	5,485,371	5,399,002	5,672,580	5,959,436	6,281,352
Mie	1,007,445	1,085,308	1,131,478	1,222,122	1,274,384	1,337,133	1,405,329
Shiga	699,060	769,413	817,084	914,701	957,609	998,082	1,045,009
Kyoto	1,384,918	1,513,647	1,612,735	1,810,989	1,903,451	1,992,594	2,080,570
Osaka	5,733,410	5,807,291	6,669,550	6,842,280	7,201,277	7,570,677	8,018,552
Hyogo	2,800,016	3,092,873	3,302,124	3,735,198	3,920,099	4,072,888	4,256,151
Nara	721,682	793,837	845,248	942,339	985,094	1,022,405	1,068,582
Wakayama	508,277	552,563	586,307	644,662	671,490	703,364	733,894
Tottori	291,411	320,726	340,487	378,103	381,043	393,938	410,131
Shimane	342,013	377,632	402,656	422,003	453,523	472,659	490,717
Okayama	983,423	1,074,775	1,134,869	1,226,075	1,289,216	1,349,896	1,424,364
Hiroshima	1,537,506	1,676,155	1,890,916	2,012,229	2,140,866	2,272,746	2,411,272
Yamaguchi	692,990	767,959	816,392	890,392	935,790	979,779	1,027,249
Tokushima	402,938	437,343	462,095	495,564	520,387	543,361	569,281
Kagawa	533,702	592,884	660,531	708,272	748,615	794,869	853,622
Ehime	702,381	743,096	820,410	868,267	915,772	960,783	1,008,951
Kochi	380,308	410,441	432,996	462,818	485,222	507,490	530,789
Fukuoka	2,862,718	3,022,530	3,450,214	3,450,282	3,657,097	3,889,587	4,193,163
Saga	395,422	432,910	463,815	514,852	538,965	566,014	597,123
Nagasaki	656,948	726,277	779,772	865,736	904,693	947,427	994,256
Kumamoto	843,473	919,471	980,284	1,086,793	1,140,243	1,197,951	1,262,713
Oita	543,804	600,060	643,762	709,815	746,706	787,203	830,266
Miyazaki	528,920	585,363	627,956	665,120	699,187	734,679	772,675
Kagoshima	754,964	829,712	892,342	980,763	1,031,135	1,081,845	1,139,075
Okinawa	649,201	688,655	759,856	811,597	848,040	890,422	945,569
Other		1,705,276					
Total	69,121,131	75,656,952	81,519,543	86,997,644	91,791,942	96,717,920	102,724,567

Note: Compiled from published data of Ministry of Internal Affairs and Communications.

Due to the difference of totalization method, simple total of contracts by region does not agree with the nationwide total.

2-1-4-2 Share of Mobile Phone



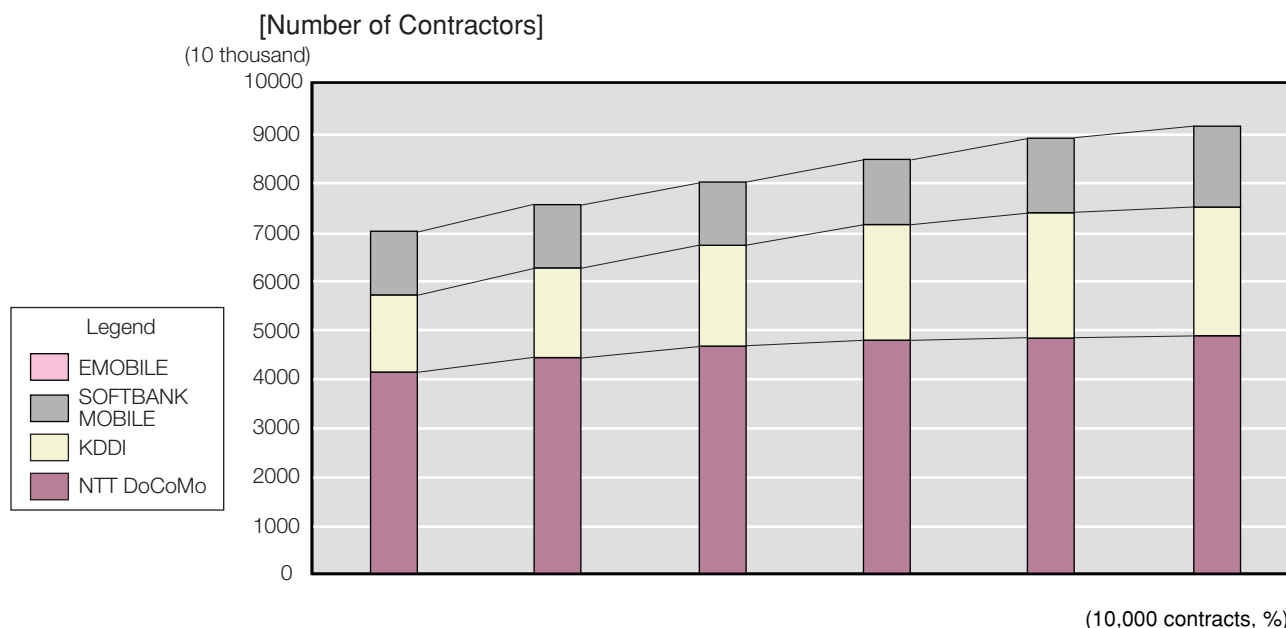
(10,000 contracts, %)

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008
NTT DoCoMo	4,633 (56.6)	4,882 (56.1)	5,114 (55.7)	5,262 (54.4)	5,339 (52.0)	5,460 (50.8)
au	1,696 (20.7)	1,954 (22.5)	2,270 (24.7)	2,732 (28.2)	3,011 (29.3)	3,084 (28.7)
TU-KA	363 (4.4)	359 (4.1)	274 (3.0)	87 (0.9)	23 (0.2)	
SOFTBANK MOBILE	1,500 (18.3)	1,504 (17.3)	1,521 (16.6)	1,591 (16.4)	1,859 (18.1)	2,063 (19.2)
EMOBILE	-	-	-	-	41 (0.4)	141 (1.3)
Total	8,192	8,700	9,179	9,672	10,272	10,749

Note: Share % in ()

Note: Compiled from the data published by Telecommunications Carriers Association.

2-1-4-3 Number of Contracts for IP Connection Service with Mobile Phone



	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008
NTT DoCoMo (i-mode)	4,108 (58.9) [88.7]	4,402 (58.6) [90.2]	4,636 (58.1) [90.6]	4,757 (56.4) [90.4]	4,799 (54.1) [89.9]	4,847 (53.2) [88.8]
au, TU-KA (EZweb)	1,570 (22.5) [76.3]	1,826 (24.3) [78.9]	2,052 (25.7) [80.7]	2,353 (27.9) [83.5]	2,551 (28.8) [84.1]	2,619 (28.7) [84.9]
SOFTBANK MOBILE (Yahoo! Mobile)	1,296 (18.6) [86.4]	1,287 (17.1) [85.6]	1,287 (16.1) [84.6]	1,326 (15.7) [83.4]	1,517 (17.1) [81.6]	1,646 (18.1) [79.8]
EMOBILE (EMnet)	-	-	-	-	1 (0.0) [2.5]	6 (0.1) [3.9]
Total	6,973 [85.1]	7,515 [86.4]	7,976 [86.9]	8,437 [87.2]	8,869 [86.3]	9,118 [84.8]

Note: Share % in (). Percentage of IP connection service contracts to total mobile phone contracts in []
Note: Compiled from the data published by Telecommunications Carriers Association.

2-1-4-4 Trends in Number of Contracts for 3rd-Generation (3G) Mobile Phone

(10,000 contracts)

		FY2003	FY2004	FY2005	FY2006	FY2007	FY2008
W-CDMA	NTT DoCoMo	304.5	1,150.1	2,346.3	3,553.0	4,394.9	4,904.0
	SOFTBANK MOBILE	13.8	91.7	303.8	766.0	1,404.8	1,865.4
	EMOBILE	-	-	-	-	41.2	141.0
CDMA2000 1x	au	1,350.9	1,793.5	2,182.8	2,672.0	2,968.9	3,052.7
Total (Percentage of 3G in total mobile phone contracts)		1,683.0 (20.5%)	3,035.3 (34.9%)	4,832.9 (52.7%)	6,990.9 (72.3%)	8,809.7 (85.8%)	9,963.1 (92.7%)

Note: Compiled from the data published by Telecommunications Carriers Association.

2-1-5 Number of Contracts for PHS by Region

(Contracts)

Pref.	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Hokkaido	223,418	179,441	157,775	139,824	128,322	123,638	104,598
Aomori	43,536	37,755	31,940	27,573	22,061	20,490	19,311
Iwate	48,869	39,533	32,114	27,173	23,091	21,555	20,424
Miyagi	242,456	183,919	143,202	119,001	111,105	104,692	96,997
Akita	42,447	32,707	25,085	20,256	18,020	18,080	18,225
Yamagata	56,315	47,185	38,417	33,108	29,264	28,984	28,070
Fukushima	74,139	61,347	49,639	42,308	38,942	38,964	36,035
Ibaraki	41,921	44,869	44,212	42,541	43,208	49,349	48,063
Tochigi	26,075	28,213	30,581	28,729	31,829	34,159	31,960
Gunma	28,430	30,091	30,096	28,563	32,071	34,457	30,525
Saitama	281,239	258,414	228,325	203,307	226,884	248,767	222,040
Chiba	211,003	194,618	172,962	153,091	157,742	181,519	164,073
Tokyo	1,419,446	1,446,190	1,476,919	1,492,364	1,663,461	1,787,610	1,683,039
Kanagawa	608,621	556,837	497,926	445,176	460,160	486,036	407,452
Niigata	51,597	44,731	39,427	34,322	34,258	35,559	34,919
Toyama	32,615	33,552	30,291	22,642	22,254	20,218	16,856
Ishikawa	42,585	39,305	37,000	32,799	30,510	29,167	23,579
Fukui	15,275	16,395	16,969	13,718	12,247	12,157	11,030
Yamanashi	13,425	13,504	12,969	12,201	14,548	15,713	14,594
Nagano	33,366	35,055	36,500	35,714	33,661	39,446	38,792
Gifu	26,798	30,861	32,318	29,893	31,517	33,682	31,843
Shizuoka	44,638	52,949	56,654	56,239	55,601	67,131	66,224
Aichi	255,225	260,117	264,260	247,782	267,685	282,400	254,406
Mie	18,250	22,106	24,276	22,855	21,837	26,315	24,685
Shiga	26,356	32,109	29,785	19,237	21,303	26,533	29,206
Kyoto	108,384	120,851	111,930	75,555	87,012	93,684	94,707
Osaka	544,383	551,195	525,910	336,307	376,642	406,511	405,452
Hyogo	172,449	192,368	176,369	117,626	136,831	153,212	160,658
Nara	36,745	41,429	35,919	19,848	22,254	25,823	25,986
Wakayama	12,022	15,309	14,371	7,922	8,415	10,301	12,085
Tottori	15,343	14,078	12,395	9,479	8,392	8,433	7,890
Shimane	17,207	15,784	13,931	8,651	7,218	7,409	7,472
Okayama	54,578	52,210	48,669	38,223	35,251	40,163	40,504
Hiroshima	171,076	148,780	140,220	90,751	85,235	79,544	72,396
Yamaguchi	45,490	40,228	36,849	27,243	24,063	26,223	24,582
Tokushima	29,784	26,129	22,766	18,429	13,992	13,683	10,766
Kagawa	47,480	50,444	45,278	37,403	25,573	25,421	20,841
Ehime	72,845	57,055	47,986	39,316	32,579	34,574	31,864
Kochi	25,509	22,408	19,411	15,957	12,287	11,091	8,247
Fukuoka	211,164	179,286	153,855	138,434	129,794	126,926	105,007
Saga	15,813	13,906	11,542	10,203	9,059	9,062	7,212
Nagasaki	30,557	25,571	21,714	19,122	15,761	15,332	13,044
Kumamoto	30,751	29,953	27,587	26,024	23,966	22,672	18,792
Oita	27,233	24,419	21,458	19,432	16,319	15,845	12,540
Miyazaki	17,998	15,746	13,803	12,650	10,528	10,739	8,816
Kagoshima	31,239	29,854	27,224	25,981	25,082	25,646	22,281
Okinawa	71,932	72,566	66,590	51,324	53,956	51,330	46,319
Total	5,698,027	5,461,372	5,135,419	4,476,296	4,691,790	4,980,245	4,614,407

Note: Compiled from published data of Ministry of Internal Affairs and Communications.

Due to the difference of totalization method, simple total of contracts by region does not agree with the nationwide total.

2-1-6 Situation of Contracts for Leased Circuits

2-1-6-1 Number of Domestic General Leased Circuits by Product

(Circuits)

Type		FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	
Frequency Band Use	Free	3.4kHz	285,975	254,693	233,427	213,293	197,464	186,953	177,199
		3.4kHz (s)	5,655	4,961	4,500	3,551	3,275	3,162	2,763
	Application Specific	Voice Transmission	204,428	184,615	169,383	156,040	144,380	133,608	124,610
		Music Broadcast	138	130	119	110	81	73	70
		AM Broadcast	634	611	599	578	571	550	544
		FM Broadcast	142	142	142	144	142	144	136
	Others	76	0	0	5	0	0	0	
	Subtotal	497,048	445,152	408,170	373,721	345,913	324,490	305,322	
Code Transmission	50 b/s	128,969	109,215	91,028	76,560	62,580	47,887	41,149	
	1,200 b/s	19	0	18	0	18	0	0	
	2,400 b/s	9,936	10,734	9,735	9,344	8,906	8,379	4,663	
	4,800 b/s	7,828	6,773	5,007	4,649	3,822	2,911	2,486	
	9,600 b/s	34,289	25,295	19,563	16,141	13,169	9,853	4,874	
	19.2 kb/s	0	0	0	0	0	0	0	
	Others	199	0	0	0	0	0	0	
	Subtotal	181,240	152,017	125,351	106,694	88,495	69,030	53,172	
Total	678,288	597,169	533,521	480,415	434,408	393,520	358,494		

Note: Compiled from the data published by the Ministry of Internal Affairs and Communications.

2-1-6-2 Number of Domestic High-speed Digital Transmission Circuits by Product

(Circuits)

Type		FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
High-Speed Digital Transmission Services	64 kb/s	363,222	328,346	283,411	235,083	192,066	168,649	151,462
	128 kb/s	229,510	223,780	191,418	162,339	131,960	104,788	94,170
	192 kb/s	4,778	3,948	2,601	1,707	994	659	544
	256 kb/s	5,695	4,274	2,905	2,054	1,760	1,028	754
	384 kb/s	4,161	3,598	2,633	2,019	990	733	770
	512 kb/s	3,462	4,876	3,832	2,747	2,307	1,251	949
	768 kb/s	3,039	2,052	1,207	879	655	420	396
	1.0 Mb/s	1,000	761	462	343	330	235	211
	1.5 Mb/s	52,430	50,016	36,347	29,014	22,666	16,407	16,386
	2.0 Mb/s	30	2	27	41	36	52	70
	3.0 Mb/s	1,478	998	719	577	529	448	441
	4.5 Mb/s	267	258	202	159	145	140	128
	6.0 Mb/s	2,206	1,572	1,313	888	807	656	493
	10 Mb/s	17	0	125	471	36	42	40
Total	671,295	624,481	527,202	438,321	355,281	295,508	266,814	
Ultra-High-Speed Digital Transmission Services	32 Mb/s	0	0	0	148	0	1	2
	45 Mb/s	59	27	143	458	215	194	289
	50 Mb/s	363	518	342	596	326	235	323
	100 Mb/s	13	1	86	67	99	409	480
	150 Mb/s	508	496	716	344	877	880	861
	200 Mb/s							6
	250 Mb/s							3
	300 Mb/s							6
	350 Mb/s							1
	400 Mb/s							3
	450 Mb/s							2
	500 Mb/s							8
	550 Mb/s							1
	600 Mb/s	71	108	160	90	125	104	103
	1 Gb/s	39	0	154	197	514	418	542
	2.4 Gb/s	17	35	89	99	108	69	244
Other						814	727	
Total	1,070	1,185	1,690	1,999	2,264	3,124	3,601	
ATM Leased Circuit	0.5 Mb/s	6,954	7,138	5,092	4,797	3,702	3,166	3,543
	1 Mb/s	3,580	3,878	3,029	2,851	2,369	1,622	1,669
	2 Mb/s	4,096	4,280	3,259	2,622	1,981	1,549	1,512
	3 Mb/s	2,229	2,719	1,974	1,406	1,063	699	574
	4 Mb/s	1,155	1,021	773	600	436	302	291
	5 Mb/s	863	960	779	641	601	441	382
	6 Mb/s	1,333	1,082	792	622	479	347	256
	7~49 Mb/s	8,321	6,167	4,868	4,049	3,283	2,450	2,150
	50 Mb/s	164	131	101	58	44	28	28
	51~135 Mb/s	998	1,059	781	769	449	339	303
	150 Mb/s							4,118
	600 Mb/s	11	31	62	20	19	18	14
Total	30,406	28,466	21,510	18,435	14,426	10,961	14,840	

Note: Compiled from the data published by the Ministry of Internal Affairs and Communications.

2-1-6-3 Number of International Leased Circuits by Product

(Circuits)

Type	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Voice Class	147	109	92	107	105	47	92	57	44	37
Telex Class	105	30	13	9	7	6	4	3	3	2
Mid-speed Code Transmission	10	8	5	7	8	7	4	5	3	3
High-speed Code Transmission	1,434	1,472	1,467	1,244	1,014	1,110	1,101	1,134	973	967
Total	1,696	1,619	1,577	1,367	1,134	1,170	1,201	1,199	1,023	1,009

*1 "Voice Class" includes circuits for voice transmission.

*2 Including unstipulated service circuits.

Note: Compiled from the data published by the Ministry of Internal Affairs and Communications.

2-1-7 Situation of Data Transmission Service (Domestic) Subscribers

(Circuits)

Type	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008
Frame relay service	117,236	81,521	55,693	40,248	33,012	18,218	9,962
Cell relay service	2,246	1,343	725	596			
ATM data communication network service	26,542	55,861	75,854	77,017	75,854	37,914	32,367

Note: Summarized from the responses to the questionnaire conducted for member companies.

2-1-8 Number of Broadband Service Contracts, etc.

(Contracts)

	FY2004	FY2005	FY2006	FY2007	FY2008
Internet connection service (total of 49 providers each involving more than 50,000 subscribers)	29,813,023	31,309,316	31,065,377	32,723,613	33,874,974
FTTH access service (total of 177 providers)	2,889,437	5,447,941	8,795,262	12,154,331	15,017,316
DSL access service (total of 45 providers)	13,675,840	14,517,859	14,013,219	12,710,678	11,184,265
CATV access service (total of 379 providers)	2,960,782	3,310,068	3,607,254	3,871,906	4,110,609
FWA access service (total of 34 providers)	24,658	16,068	11,632	12,824	12,643
BWA access service (total of 1 providers)	-	-	-	-	6,718
Public radio LAN access service (total of 15 providers)	117,307	5,271,424	6,099,231	6,863,897	7,429,758
Mobile Phone and PHS terminal Internet connection service (total of 7 providers)	76,548,405	81,776,091	87,129,586	91,110,152	93,750,954
IP-VPN service (total of 32 providers)	244,360	270,608	298,954	342,630	385,408
Wide-area Ethernet service (total of 56 providers)	117,307	159,927	196,437	231,830	258,749

Note: Compiled from the "Number of Broadband Service Contracts, etc. (Ministry of Internal Affairs and Communications)".

2-1-9 Number of IP Phone Users

(10 thousand)

	FY2004	FY2005	FY2006	FY2007	FY2008
0AB _ J-IP phone	18.7	142.4	420.6	775.6	1,115.8
050-IP phone	811.8	1,003.3	1,027.1	978.0	906.0
Total	830.5	1,145.7	1,447.8	1,753.5	2,021.8

Note: Compiled from the "Telecommunication Service Subscribers, etc. (Ministry of Internal Affairs and Communications)".
Indicating the total number of telephone numbers with 050 or 0AB-J used by end users and not the exact number of contracts.

2-2 Situation of Traffic

2-2-1 Whole Traffic

2-2-1-1 Situation of Total Number of Calls

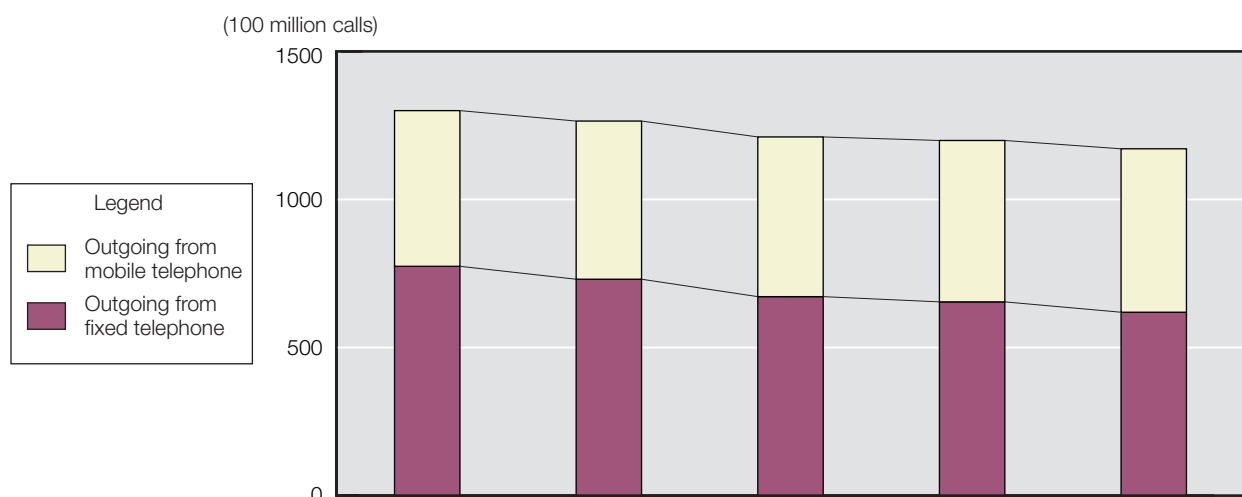
(Million calls)

Incoming Outgoing	Subscriber Telephoe · ISDN · Radio Paging					IP Phone				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	39,676	34,924	31,735	28,937	25,975					
Public Telephone	1,089	845	673	540	435	-	64	169	269	386
ISDN	27,138	25,862	24,620	22,391	20,422					
IP Phone	-	2,005	2,516	4,260	5,432	-	391	534	732	793
Mobile Phone	14,481	14,376	13,980	12,957	11,925	-	128	384	943	1,537
PHS	1,549	1,317	1,060	765	500	-	2	6	8	7
Total	83,933	79,330	74,585	69,850	64,689	-	585	1,093	1,951	2,722

Incoming Outgoing	Mobile Phone					PHS				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone										
Public Telephone	9,234	8,361	5,985	6,969	7,135	300	316	541	516	281
ISDN										
IP Phone	-	299	412	795	1,049	-	7	8	16	19
Mobile Phone	35,626	36,922	37,627	38,403	39,608	328	254	237	300	292
PHS	342	246	237	262	297	239	158	395	857	1,019
Total	45,203	45,829	44,260	46,429	48,089	867	735	1,181	1,689	1,610

Incoming Outgoing	Total				
	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone					
Public Telephone	77,438	70,372	63,723	59,621	54,633
ISDN					
IP Phone	-	2,702	3,470	5,804	7,293
Mobile Phone	50,436	51,680	52,228	52,603	53,362
PHS	2,130	1,724	1,698	1,892	1,823
Total	130,003	126,479	121,119	119,919	117,111

2-2-1-2 Total Number of Calls Between Fixed Telephone and Mobile Telephone

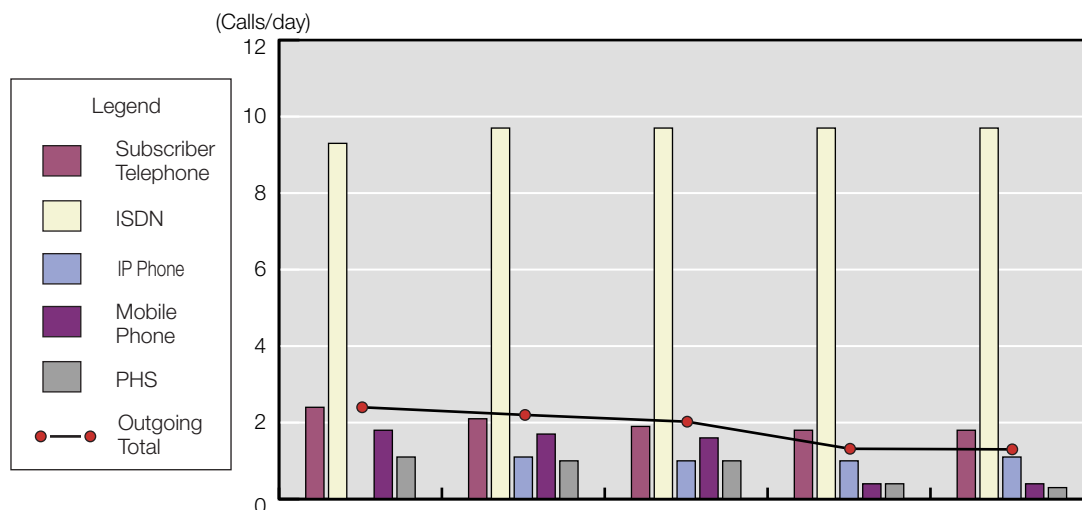


(Million calls)

Outgoing	Incoming	FY2003	FY2004	FY2005	FY2006	FY2007
Fixed	Fixed	67,903	64,091	60,247	57,129	53,443
Fixed	Mobile	9,535	8,983	6,946	8,296	8,484
Mobile	Mobile	36,535	37,581	38,496	39,822	41,216
Mobile	Fixed	16,030	15,823	15,430	14,673	13,969
Total		130,003	126,479	121,119	119,919	117,111

Note: Outgoing from fixed telephone: Outgoing from subscriber telephones, public telephones, ISDN and IP phones
 Outgoing from mobile telephone: Outgoing from mobile phones and PHS
 Incoming to fixed telephone: Incoming to subscriber telephones, ISDN, radio pagers, and IP phones
 Incoming to mobile telephone: Incoming to mobile phones and PHS

2-2-1-3 Daily Number of Calls per Subscription (Contract)



(Calls / day)

Outgoing	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	2.4	2.1	1.9	1.8	1.8
ISDN	9.3	9.7	9.7	9.7	9.7
IP Phone	-	1.1	1.0	1.0	1.1
Mobile Phone	1.8	1.7	1.6	0.4	0.4
PHS	1.1	1.0	1.0	0.5	0.3
Outgoing Total	2.4	2.2	2.0	1.3	1.2

Note: Number of outgoing calls ÷ {(Number of subscribers at the end of the preceding fiscal year + Number of subscribers at the end of the current fiscal year) ÷ 2} ÷ Number of days of the current fiscal year
 The categories of respective outgoing calls are as listed below. For example, the number of outgoing calls from subscriber telephones shows the total number of calls outgoing from subscriber telephones and destined for fixed telephones, mobile phones, and PHS terminals. Since the actual number of outgoing calls from fixed telephones and destined for IP phones, mobile phones and PHS terminals cannot be identified, the number of those calls is calculated according to the ratio to the number of outgoing calls from fixed telephones and destined for fixed telephones.

Outgoing	Subscriber Telephone	ISDN	Cellular Telephone	PHS
Incoming	Fixed Telephone, IP Phone, Mobile Phone, PHS	Fixed Telephone, IP Phone, Mobile Phone, PHS	Fixed Telephone, IP Phone, Mobile Phone, PHS	Fixed Telephone, IP Phone, Mobile Phone, PHS

2-2-1-4 Situation of Total Call Duration

(Million hours)

Incoming Outgoing	Subscriber Telephone · ISDN · Radio Paging					IP Phone				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	1,969.6	1,584.2	1,367.8	1,216.1	1,058.2					
Public Telephone	25.8	19.8	15.5	12.3	9.9	-	6.7	12.4	18.3	24.8
ISDN	1,040.7	821.3	705.3	616.9	542.9					
IP Phone	-	125.7	153.7	221.5	267.4	-	34.0	39.8	47.2	47.2
Mobile Phone	368.3	362.4	358.4	336.2	318.2	-	3.5	10.3	24.5	39.8
PHS	207.6	141.5	102.9	60.5	29.2	-	0.1	0.2	0.3	0.2
Total	3,612.1	3,054.9	2,703.5	2,463.5	2,225.7	-	44.3	62.7	90.2	112.1

Incoming Outgoing	Mobile Phone					PHS				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone										
Public Telephone	269.3	237.1	163.8	195.3	196.6	8.6	5.7	4.2	3.1	2.6
ISDN										
IP Phone	-	12.5	16.6	27.6	34.6	-	0.3	0.3	0.6	0.6
Mobile Phone	1,281.3	1,299.1	1,365.3	1,446.7	1,532.0	9.8	7.1	6.8	9.0	8.8
PHS	10.0	7.1	7.2	8.6	10.4	7.0	4.6	31.5	81.8	113.6
Total	1,560.6	1,555.8	1,552.9	1,678.3	1,773.5	25.4	17.7	42.9	94.5	125.6

Incoming Outgoing	Total				
	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone					
Public Telephone	3,314.1	2,674.8	2,268.9	2,062.1	1,834.8
ISDN					
IP Phone	-	172.4	210.5	296.8	349.8
Mobile Phone	1,659.4	1,672.2	1,740.8	1,816.5	1,898.8
PHS	224.7	153.3	141.8	151.2	153.4
Total	5,198.1	4,672.7	4,362.0	4,326.5	4,236.9

2-2-1-5 Average Call Duration per Call

(Seconds)

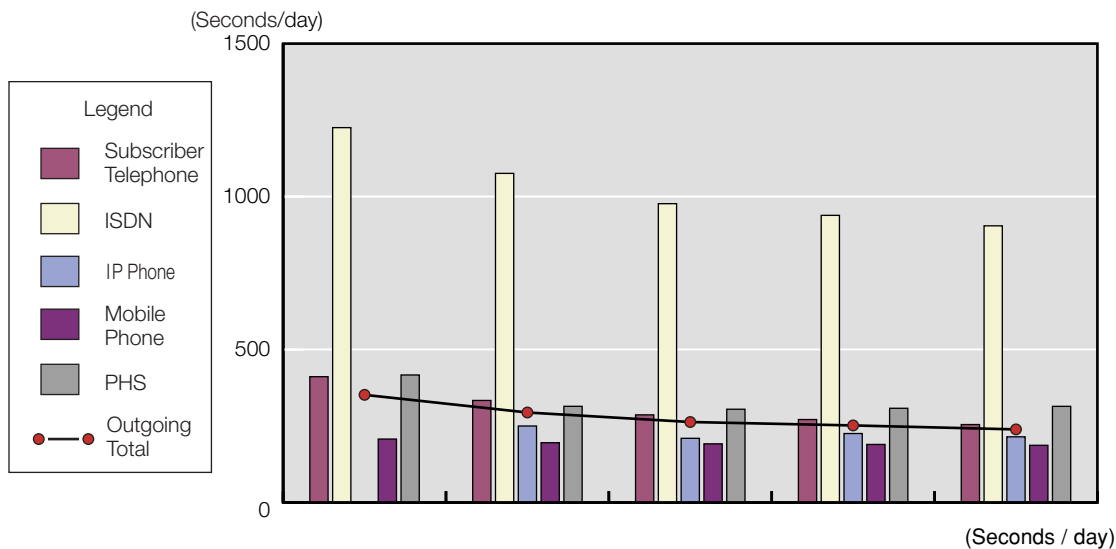
Incoming Outgoing	Subscriber Telephone · ISDN · Radio Paging					IP Phone				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	178.7	163.3	155.2	151.3	146.7	-	379.3	264.0	245.3	231.5
Public Telephone	85.3	84.2	82.8	82.2	81.8					
ISDN	138.1	114.3	103.1	99.2	95.7					
IP Phone	-	225.6	219.9	187.2	177.2	-	312.9	268.4	232.2	214.4
Mobile Phone	91.5	90.7	92.3	93.4	96.1	-	99.5	96.5	93.4	93.3
PHS	482.6	386.8	349.6	284.8	210.6	-	131.5	121.4	118.2	121.2
Total	154.9	138.6	130.5	127.0	123.9	-	272.8	206.5	166.4	148.2

Incoming Outgoing	Mobile Phone					PHS				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	105.0	102.1	98.5	100.9	99.2	103.4	65.2	28.2	21.8	32.7
Public Telephone										
ISDN										
IP Phone	-	150.1	145.5	124.9	118.7	-	146.5	140.9	122.8	117.1
Mobile Phone	129.5	126.7	130.6	135.6	139.2	107.5	101.2	103.8	108.6	108.3
PHS	105.2	103.8	109.1	118.5	125.4	105.9	104.7	287.3	343.6	401.5
Total	124.3	122.2	126.3	130.1	132.8	105.6	86.9	130.7	201.5	280.7

Incoming Outgoing	Total				
	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	154.1	136.8	128.2	124.5	120.9
Public Telephone					
ISDN					
IP Phone	-	229.7	218.3	184.1	172.7
Mobile Phone	118.4	116.5	120.0	124.3	128.1
PHS	379.8	320.2	300.7	287.7	303.1
Total	143.9	133.0	129.7	129.9	130.2

Note: Total Call Duration (seconds) ÷ Total Number of Calls (calls)

2-2-1-6 Daily Duration per Subscription (Contract)



Outgoing	FY2003	FY2004	FY2005	FY2006	FY2007
Subscriber Telephone	411.6	333.9	286.8	271.5	255.1
ISDN	1,225.4	1,075.9	976.9	938.7	904.5
IP Phone	-	250.4	210.1	225.8	215.0
Mobile Phone	207.7	195.7	192.1	190.1	187.3
PHS	417.1	314.7	305.2	308.3	314.6
Outgoing Total	352.2	294.5	263.4	252.2	239.3

Note: Number of outgoing calls ÷ {(Number of subscribers at the end of the preceding fiscal year + Number of subscribers at the end of the current fiscal year) ÷ 2} ÷ Number of days of the current fiscal year
 · The category of outgoing call duration and calculation method are the same as those in note of 2-2-1-3.

2-2-2 Traffic of Subscriber Telephone/ISDN

2-2-2-1 Situation by Distance Zone

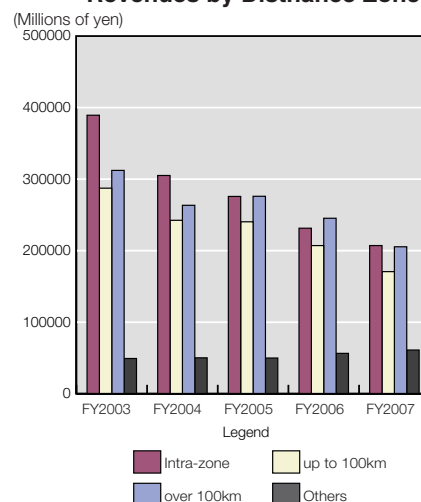
2-2-2-1-1 Revenues by Distance Zone

(Millions of yen)

Type		FY2003	FY2004	FY2005	FY2006	FY2007
Intra-zone	Subscriber	311,748	253,468	231,600	196,025	175,367
	ISDN	174,900	127,918	113,171	93,221	83,595
	Total	486,648	381,386	344,772	289,247	258,962
up to 100km	Subscriber	231,548	194,562	189,443	160,331	132,231
	ISDN	127,658	108,517	111,008	98,579	81,166
	Total	359,206	303,079	300,451	258,910	213,397
over 100km	Subscriber	248,090	202,302	209,583	182,841	151,374
	ISDN	142,179	126,980	135,465	123,800	105,443
	Total	390,269	329,282	345,048	306,641	256,818
Others	Subscriber	36,584	32,400	37,190	46,056	51,295
	ISDN	12,721	17,841	12,773	10,419	9,843
	Total	49,305	50,241	49,963	56,476	61,138
Total	Subscriber	827,971	682,731	667,817	585,254	510,266
	ISDN	457,458	381,257	372,416	326,019	280,047
	Total	1,285,428	1,063,988	1,040,233	911,274	790,314

Notes: • Since the distance classification varies according to carriers, some of the data not in conformity with the classification above may be included in the nearest distance zone.
• The data without any distance zone are included in "Others".

Revenues by Distance Zone



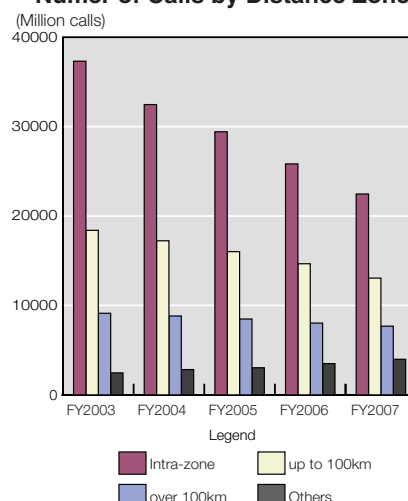
2-2-2-1-2 Numer of Calls by Distance Zone

(Million calls)

Type		FY2003	FY2004	FY2005	FY2006	FY2007
Intra-zone	Subscriber	23,453	20,316	18,043	15,663	13,355
	ISDN	13,861	12,150	11,379	10,167	9,111
	Total	37,314	32,466	29,422	25,830	22,466
up to 100km	Subscriber	10,290	9,144	8,251	7,440	6,556
	ISDN	8,112	8,088	7,768	7,226	6,503
	Total	18,402	17,232	16,019	14,666	13,058
over 100km	Subscriber	4,668	4,173	3,873	3,729	3,559
	ISDN	4,461	4,650	4,612	4,303	4,127
	Total	9,129	8,823	8,485	8,031	7,685
Others	Subscriber	1,265	1,291	1,569	2,105	2,506
	ISDN	704	975	861	695	681
	Total	1,969	2,266	2,430	2,800	3,187
Total	Subscriber	39,676	34,924	31,735	28,937	25,975
	ISDN	27,138	25,862	24,620	22,391	20,422
	Total	66,814	60,786	56,355	51,328	46,397

Notes: • Since the distance classification varies according to carriers, some of the data not in conformity with the classification above may be included in the nearest distance zone.
• The data without any distance zone are included in "Others".

Numer of Calls by Distance Zone



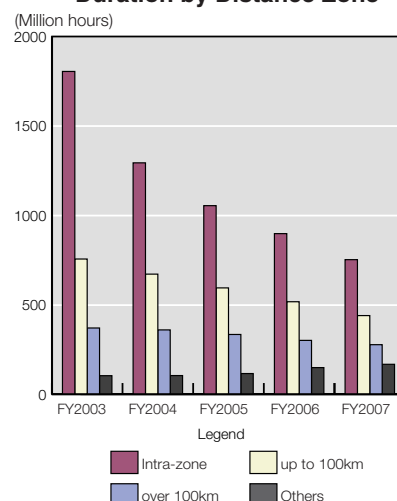
2-2-2-1-3 Duration by Distance Zone

(Million hours)

Type		FY2003	FY2004	FY2005	FY2006	FY2007
Intra-zone	Subscriber	1,167.5	877.3	726.2	618.6	512.7
	ISDN	635.1	415.0	326.9	278.3	238.8
	Total	1,802.6	1,292.2	1,053.1	896.9	751.5
up to 100km	Subscriber	504.0	435.4	376.5	322.0	270.6
	ISDN	251.2	235.3	217.3	194.4	168.6
	Total	755.1	670.7	593.8	516.5	439.2
over 100km	Subscriber	236.2	215.3	195.0	174.7	159.2
	ISDN	133.6	143.9	138.6	126.0	117.5
	Total	369.9	359.2	333.7	300.7	276.7
Others	Subscriber	61.9	56.3	70.0	100.8	115.7
	ISDN	20.8	27.1	22.4	18.2	18.0
	Total	82.8	83.4	92.4	119.0	133.7
Total	Subscriber	1,969.6	1,584.2	1,367.8	1,216.1	1,058.2
	ISDN	1,040.7	821.3	705.3	616.9	542.9
	Total	3,010.4	2,405.5	2,073.0	1,833.0	1,601.0

Notes: • Since the distance classification varies according to carriers, some of the data not in conformity with the classification above may be included in the nearest distance zone.
• The data without any distance zone are included in "Others".

Duration by Distance Zone



2-2-2-2 Situation of Calls by Time Zone

2-2-2-2-1 Number of Calls by Time Zone

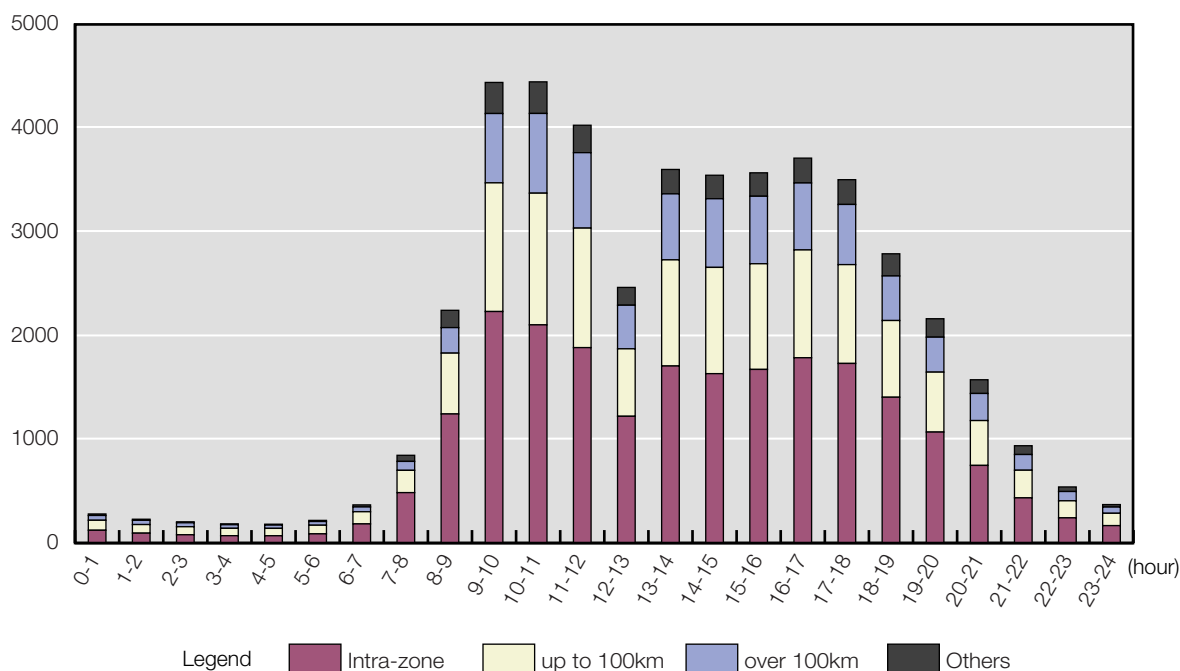
(Million calls)

Time Zone	FY2003	FY2004	FY2005	FY2006	FY2007				
					Intra-zone	up to 100km	over 100km	Others	Total
0-1	448.0	360.1	326.6	302.2	123.3	96.2	46.2	14.5	280.2
1-2	327.3	279.5	261.4	245.4	95.4	82.7	41.0	10.4	229.5
2-3	265.4	240.8	230.6	218.5	79.9	77.2	38.1	9.3	204.6
3-4	227.1	209.1	203.3	195.5	71.0	71.0	34.5	8.6	185.1
4-5	215.4	202.7	199.8	192.7	70.3	71.2	31.6	8.4	181.6
5-6	260.4	243.7	238.7	229.0	88.7	83.0	35.7	10.9	218.3
6-7	492.3	460.1	425.5	393.5	184.4	117.2	46.0	20.0	367.7
7-8	1,233.5	1,130.2	1,036.5	934.7	485.7	214.6	85.9	58.9	845.1
8-9	3,265.0	3,005.7	2,772.9	2,493.3	1,243.1	585.9	245.6	166.7	2,241.2
9-10	6,253.4	5,789.3	5,435.5	4,932.9	2,229.7	1,239.0	667.7	299.3	4,435.8
10-11	6,187.8	5,734.8	5,415.3	4,920.4	2,101.2	1,268.2	767.6	304.3	4,441.3
11-12	5,578.5	5,184.0	4,901.8	4,433.2	1,882.1	1,150.8	726.5	264.1	4,023.6
12-13	3,497.3	3,199.2	3,001.2	2,691.3	1,220.9	649.6	419.9	171.4	2,461.9
13-14	5,054.1	4,668.4	4,292.5	3,986.2	1,705.1	1,022.0	635.5	235.1	3,597.7
14-15	4,893.4	4,532.6	4,194.5	3,903.7	1,631.4	1,023.2	661.1	226.3	3,541.9
15-16	4,928.4	4,561.5	4,218.0	3,935.4	1,672.1	1,017.5	650.2	225.6	3,565.4
16-17	5,155.4	4,759.6	4,386.3	4,094.2	1,784.5	1,038.2	644.9	239.2	3,706.8
17-18	4,963.6	4,538.0	4,201.5	3,859.5	1,729.7	951.6	579.4	238.5	3,499.3
18-19	4,129.2	3,722.7	3,449.7	3,088.1	1,404.3	738.7	429.1	213.5	2,785.7
19-20	3,402.1	2,973.5	2,719.4	2,409.9	1,068.9	577.1	336.7	177.5	2,160.1
20-21	2,687.2	2,297.8	2,057.4	1,784.0	747.7	431.9	260.9	132.1	1,572.6
21-22	1,709.8	1,404.6	1,243.3	1,067.2	435.2	266.2	151.2	84.7	937.3
22-23	986.1	781.0	690.4	606.7	242.8	164.0	89.6	43.9	540.3
23-24	651.1	503.9	449.7	406.8	168.0	118.8	59.8	24.0	370.5
Total	66,811.8	60,783.0	56,351.9	51,324.1	22,465.4	13,056.0	7,684.8	3,187.2	46,393.4

Note: · Since the distance classification varies according to carriers, some of the data not in conformity with the classification above may be included in the nearest distance zone.
 · The data without any distance zone are included in "Others".

Number of Calls by Time Zone (FY2007)

(Million calls)



2-2-2-2 Duration by Time Zone

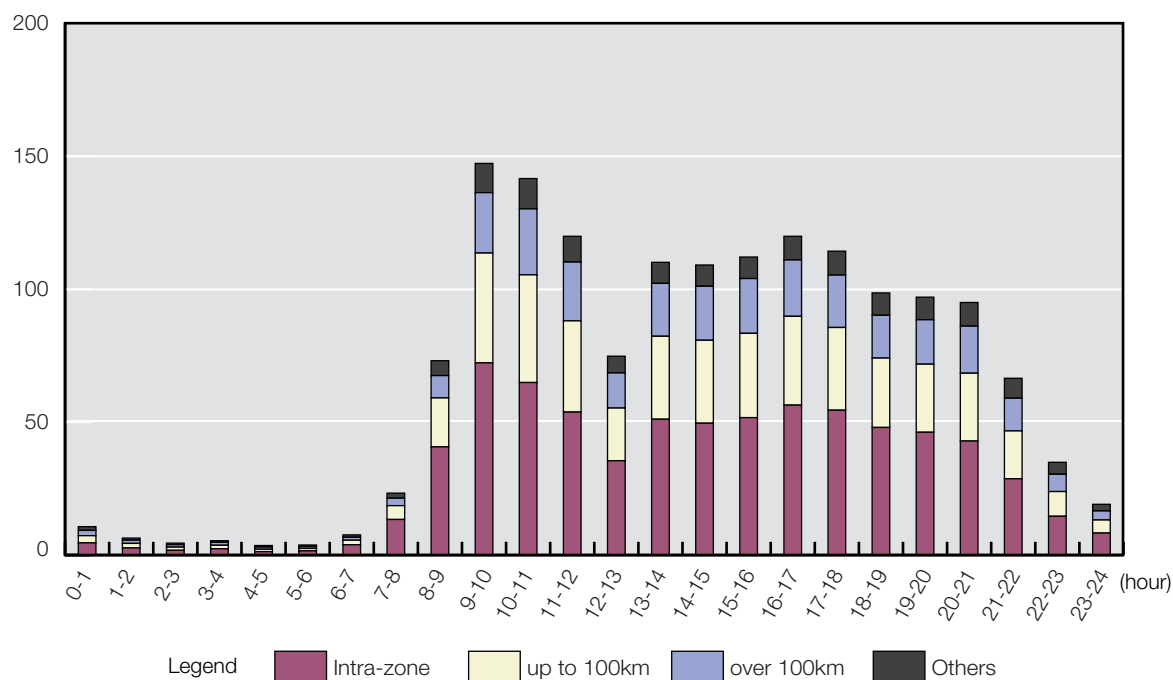
(Million hours)

Time Zone	FY2003	FY2004	FY2005	FY2006	FY2007				
					Intra-zone	up to 100km	over 100km	Others	Total
0-1	55.2	26.5	18.2	13.7	4.6	2.7	2.0	1.4	10.7
1-2	32.0	15.2	10.5	8.1	2.7	1.7	1.2	0.8	6.4
2-3	19.1	9.8	7.0	5.6	1.8	1.2	0.9	0.6	4.6
3-4	22.7	11.3	8.2	6.6	2.4	1.3	1.1	0.6	5.4
4-5	10.7	6.2	4.9	4.8	1.3	0.9	0.8	0.6	3.6
5-6	10.0	6.2	5.1	4.5	1.6	0.9	0.7	0.6	3.9
6-7	16.9	12.0	9.9	8.6	3.9	1.7	1.1	0.9	7.7
7-8	45.5	36.0	30.5	26.4	13.4	5.2	2.8	1.9	23.3
8-9	132.4	110.6	95.6	83.5	40.7	18.4	8.4	5.6	73.0
9-10	244.2	210.9	187.9	167.7	72.3	41.3	22.7	11.0	147.2
10-11	233.4	201.1	179.4	160.8	64.9	40.5	24.8	11.4	141.6
11-12	198.0	170.4	152.4	135.7	53.8	34.3	22.1	9.7	120.0
12-13	132.4	109.0	95.8	83.9	35.5	19.8	13.2	6.3	74.9
13-14	184.5	156.4	136.0	124.7	51.1	31.2	19.9	7.9	110.2
14-15	180.2	153.8	133.8	123.0	49.6	31.2	20.3	8.0	109.2
15-16	184.5	157.3	137.2	126.3	51.7	31.7	20.6	8.1	112.0
16-17	198.2	168.7	147.1	135.2	56.4	33.4	21.2	8.9	120.0
17-18	194.5	163.3	142.9	129.4	54.5	31.1	19.7	9.0	114.3
18-19	176.8	146.0	128.3	113.1	48.0	26.1	16.1	8.4	98.7
19-20	179.3	146.8	127.5	111.5	46.2	25.6	16.7	8.5	97.0
20-21	194.7	154.1	130.7	111.4	42.9	25.5	17.7	8.9	95.0
21-22	161.9	116.7	95.9	79.3	28.7	18.0	12.3	7.5	66.5
22-23	109.7	69.6	53.8	42.8	14.6	9.3	6.5	4.5	35.0
23-24	92.3	46.0	32.4	24.5	8.3	4.9	3.4	2.5	19.1
Total	3,009.0	2,403.8	2,071.2	1,830.9	751.0	438.0	276.3	133.7	1,599.0

Note: · Since the distance classification varies according as carriers, some of the data not in conformity with the classification above may be included in the nearest distance zone.
· The data without any distance zone are included in "Others".

Duration by Time Zone (FY2007)

(Million hours)



2-2-2-3 Number of Calls by Duration

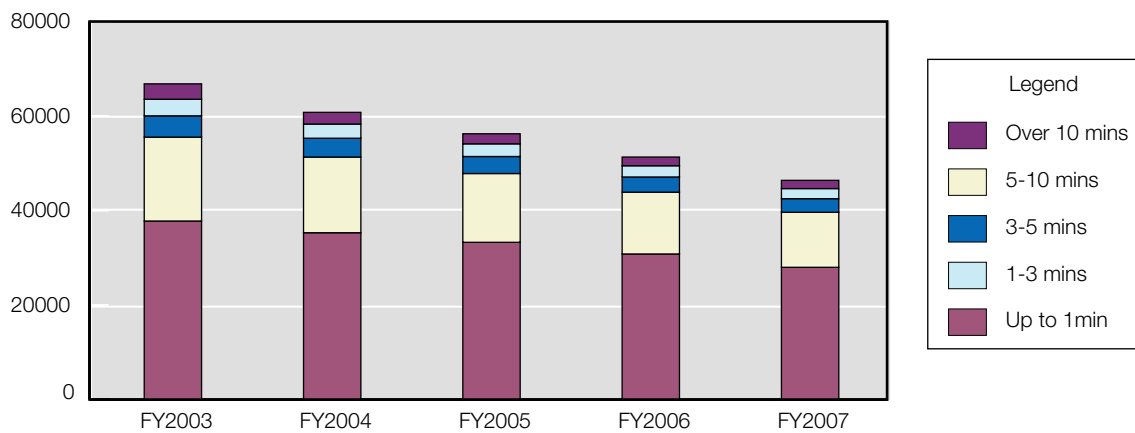
2-2-2-3-1 Number of Calls by Duration

(Million calls)

Duration	FY2003	FY2004	FY2005	FY2006	FY2007
up to 1 min	37,787	35,309	33,282	30,816	27,991
1-3 mins	17,754	16,014	14,558	13,078	11,639
3-5 mins	4,501	3,984	3,600	3,210	2,886
5-10 mins	3,513	3,000	2,682	2,381	2,140
over 10 mins	3,259	2,474	2,126	1,838	1,735
Total	66,814	60,782	56,248	51,323	46,392

Number of Calls by Duration

(Million calls)

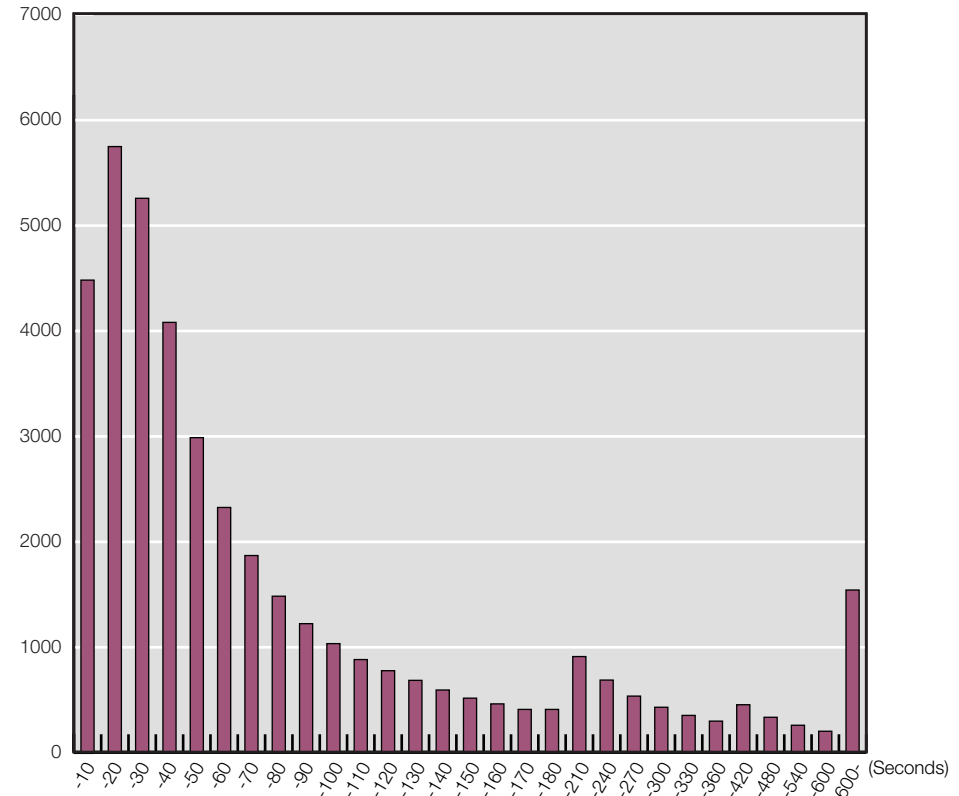


2-2-2-3-2 Number of Calls Classified According to 10-second Steps (FY2007)

(Million calls)

Step	Total
~10 sec.	5,042
~20 sec.	6,467
~30 sec.	5,915
~40 sec.	4,591
~50 sec.	3,361
~60 sec.	2,616
~70 sec.	2,103
~80 sec.	1,669
~90 sec.	1,376
~100 sec.	1,163
~110 sec.	993
~120 sec.	874
~130 sec.	771
~140 sec.	668
~150 sec.	581
~160 sec.	520
~170 sec.	461
~180 sec.	461
~210 sec.	1,025
~240 sec.	774
~270 sec.	603
~300 sec.	484
~330 sec.	397
~360 sec.	336
~420 sec.	511
~480 sec.	377
~540 sec.	292
~600 sec.	228
600 sec.~	1,735
Total	46,392

(Million calls)



2-2-2-4 Situation of Calls by Prefecture

2-2-2-4-1 Ranking of Number of Outgoing and Incoming Calls by Prefecture (FY2007)

(Thousand calls)

Ranking	Outgoing			Incoming		
	Pref.	Number of outgoing calls	Ratio (%)	Pref.	Number of incoming calls	Ratio (%)
1	Tokyo	8,850,291	19.6	Tokyo	8,041,006	17.8
2	Osaka	4,543,131	10.0	Osaka	4,253,782	9.4
3	Kanagawa	2,647,690	5.9	Kanagawa	2,689,583	5.9
4	Aichi	2,469,937	5.5	Aichi	2,600,173	5.7
5	Hokkaido	1,937,417	4.3	Saitama	2,023,734	4.5
6	Fukuoka	1,924,926	4.3	Fukuoka	1,878,535	4.2
7	Saitama	1,866,499	4.1	Hokkaido	1,848,403	4.1
8	Chiba	1,682,206	3.7	Chiba	1,714,622	3.8
9	Hyogo	1,378,825	3.0	Hyogo	1,433,228	3.2
10	Shizuoka	1,221,309	2.7	Shizuoka	1,282,969	2.8
11	Hiroshima	935,503	2.1	Hiroshima	1,036,471	2.3
12	Miyagi	871,435	1.9	Miyagi	923,041	2.0
13	Kyoto	833,251	1.8	Kyoto	920,131	2.0
14	Niigata	766,529	1.7	Niigata	827,698	1.8
15	Ibaraki	761,872	1.7	Ibaraki	794,603	1.8
16	Nagano	669,478	1.5	Nagano	708,632	1.6
17	Fukushima	602,034	1.3	Gunma	620,284	1.4
18	Okayama	588,267	1.3	Fukushima	616,838	1.4
19	Gunma	574,980	1.3	Okayama	606,783	1.3
20	Gifu	572,864	1.3	Gifu	606,714	1.3
21	Tochigi	559,388	1.2	Tochigi	581,855	1.3
22	Kagoshima	539,450	1.2	Mie	554,665	1.2
23	Mie	531,984	1.2	Kumamoto	535,892	1.2
24	Kumamoto	511,961	1.1	Kagoshima	529,538	1.2
25	Yamaguchi	443,251	1.0	Yamaguchi	456,723	1.0
26	Nagasaki	421,708	0.9	Ehime	433,072	1.0
27	Ehime	419,939	0.9	Nagasaki	420,419	0.9
28	Okinawa	419,814	0.9	Iwate	399,853	0.9
29	Iwate	396,507	0.9	Yamagata	389,496	0.9
30	Ishikawa	373,132	0.8	Ishikawa	385,717	0.9
31	Aomori	369,601	0.8	Shiga	385,490	0.9
32	Shiga	365,816	0.8	Okinawa	380,797	0.8
33	Oita	362,720	0.8	Aomori	379,535	0.8
34	Yamagata	360,584	0.8	Oita	378,710	0.8
35	Miyazaki	346,586	0.8	Miyazaki	358,305	0.8
36	Toyama	329,288	0.7	Nara	343,878	0.8
37	Nara	326,910	0.7	Toyama	340,853	0.8
38	Akita	325,382	0.7	Kagawa	336,776	0.7
39	Kagawa	320,300	0.7	Akita	329,137	0.7
40	Wakayama	302,752	0.7	Wakayama	318,438	0.7
41	Yamanashi	257,380	0.6	Yamanashi	270,308	0.6
42	Fukui	243,573	0.5	Fukui	258,412	0.6
43	Shimane	224,289	0.5	Shimane	231,499	0.5
44	Kochi	213,429	0.5	Kochi	221,898	0.5
45	Tokushima	204,819	0.5	Tokushima	211,997	0.5
46	Saga	200,635	0.4	Saga	211,915	0.5
47	Tottori	184,551	0.4	Tottori	181,788	0.4
	Total	45,254,197	100.0	Total	45,254,197	100.0

2-2-2-4-2 Main Destination Prefectures by Originating Prefecture (FY2007)

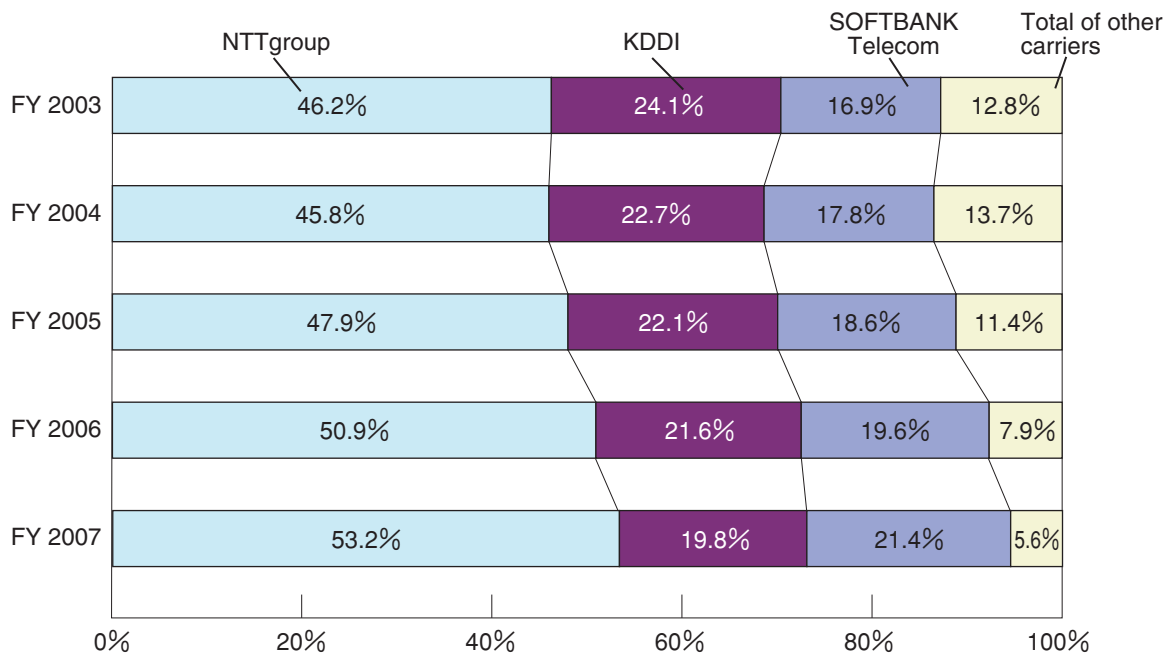
Outgoing	Total Number of Outgoing calls (thousand)	Incoming									
		1		2		3		4		5	
		Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)
Hokkaido	1,937,417	Hokkaido	81.7	Tokyo	5.0	Miyagi	1.5	Kanagawa	1.2	Osaka	1.2
Aomori	369,601	Aomori	78.8	Miyagi	6.1	Tokyo	4.2	Iwate	2.2	Hokkaido	1.2
Iwate	396,507	Iwate	74.9	Miyagi	7.8	Tokyo	4.7	Aomori	2.2	Yamagata	1.8
Miyagi	871,435	Miyagi	67.2	Tokyo	7.3	Fukushima	3.6	Iwate	2.7	Yamagata	2.7
Akita	325,382	Akita	77.5	Miyagi	4.9	Tokyo	4.6	Yamagata	2.3	Iwate	1.7
Yamagata	360,584	Yamagata	78.1	Miyagi	7.0	Tokyo	4.8	Kanagawa	1.2	Saitama	1.0
Fukushima	602,034	Fukushima	74.9	Miyagi	8.1	Tokyo	6.2	Saitama	1.4	Kanagawa	1.4
Ibaraki	761,872	Ibaraki	65.8	Tokyo	11.3	Saitama	5.5	Chiba	5.0	Tochigi	2.3
Tochigi	559,388	Tochigi	66.6	Tokyo	10.3	Saitama	6.1	Ibaraki	3.0	Gunma	3.0
Gunma	574,980	Gunma	67.4	Tokyo	9.9	Saitama	5.4	Niigata	3.4	Tochigi	2.8
Saitama	1,866,499	Saitama	60.5	Tokyo	19.9	Kanagawa	2.7	Chiba	2.6	Gunma	1.9
Chiba	1,682,206	Chiba	61.0	Tokyo	18.8	Saitama	3.4	Kanagawa	3.2	Ibaraki	2.1
Tokyo	8,850,291	Tokyo	59.0	Kanagawa	6.5	Saitama	5.1	Chiba	4.1	Osaka	3.7
Kanagawa	2,647,690	Kanagawa	63.1	Tokyo	19.4	Saitama	2.3	Chiba	2.0	Osaka	1.7
Niigata	766,529	Niigata	80.6	Tokyo	6.3	Saitama	1.6	Kanagawa	1.1	Osaka	1.1
Toyama	329,288	Toyama	72.0	Ishikawa	6.4	Tokyo	4.5	Osaka	2.7	Aichi	2.2
Ishikawa	373,132	Ishikawa	71.2	Tokyo	4.7	Toyama	4.6	Osaka	3.5	Fukui	2.9
Fukui	243,573	Fukui	74.0	Ishikawa	4.9	Osaka	4.3	Tokyo	4.1	Kyoto	2.4
Yamanashi	257,380	Yamanashi	71.3	Tokyo	10.9	Saitama	5.3	Kanagawa	2.6	Shizuoka	1.7
Nagano	669,478	Nagano	77.4	Tokyo	7.2	Niigata	3.0	Aichi	1.9	Saitama	1.4
Gifu	572,864	Gifu	67.9	Aichi	16.5	Tokyo	4.4	Osaka	2.3	Mie	0.9
Shizuoka	1,221,309	Shizuoka	76.4	Tokyo	6.7	Aichi	5.8	Kanagawa	2.5	Osaka	1.5
Aichi	2,469,937	Aichi	74.5	Tokyo	5.5	Gifu	3.3	Osaka	3.3	Shizuoka	2.1
Mie	531,984	Mie	72.2	Aichi	11.1	Tokyo	4.0	Osaka	3.7	Gifu	1.0
Shiga	365,816	Shiga	62.4	Kyoto	11.3	Osaka	10.2	Tokyo	3.7	Aichi	2.0
Kyoto	833,251	Kyoto	65.4	Osaka	13.3	Tokyo	4.5	Shiga	3.4	Hyogo	2.3
Osaka	4,543,131	Osaka	62.7	Tokyo	6.5	Hyogo	5.3	Kyoto	2.8	Aichi	2.3
Hyogo	1,378,825	Hyogo	66.6	Osaka	17.3	Tokyo	4.2	Kyoto	1.2	Aichi	0.9
Nara	326,910	Nara	61.9	Osaka	17.8	Kyoto	7.5	Tokyo	3.2	Hyogo	1.5
Wakayama	302,752	Wakayama	74.3	Osaka	11.2	Tokyo	3.1	Kyoto	3.1	Hyogo	1.2
Tottori	184,551	Tottori	69.6	Hiroshima	5.6	Shimane	4.8	Osaka	4.4	Tokyo	3.1
Shimane	224,289	Shimane	76.6	Hiroshima	7.2	Tottori	3.4	Tokyo	2.9	Osaka	2.8
Okayama	588,267	Okayama	72.2	Hiroshima	7.8	Osaka	4.7	Tokyo	3.5	Hyogo	1.7
Hiroshima	935,503	Hiroshima	75.6	Tokyo	3.9	Osaka	3.8	Okayama	3.2	Yamaguchi	2.5
Yamaguchi	443,251	Yamaguchi	76.2	Hiroshima	7.9	Fukuoka	4.0	Tokyo	2.9	Osaka	2.5
Tokushima	204,819	Tokushima	73.1	Kagawa	6.0	Osaka	4.4	Tokyo	3.7	Hiroshima	2.6
Kagawa	320,300	Kagawa	68.0	Osaka	5.1	Ehime	4.3	Tokyo	4.1	Hiroshima	3.0
Ehime	419,939	Ehime	76.2	Kagawa	4.1	Osaka	3.6	Tokyo	3.4	Hiroshima	3.0
Kochi	213,429	Kochi	79.3	Kagawa	3.4	Osaka	3.0	Tokyo	2.8	Ehime	2.6
Fukuoka	1,924,926	Fukuoka	70.2	Tokyo	4.3	Osaka	3.2	Kumamoto	2.4	Nagasaki	1.8
Saga	200,635	Saga	70.2	Fukuoka	16.1	Nagasaki	2.9	Tokyo	2.6	Osaka	1.5
Nagasaki	421,708	Nagasaki	76.5	Fukuoka	8.8	Tokyo	2.7	Osaka	1.7	Saga	1.6
Kumamoto	511,961	Kumamoto	75.8	Fukuoka	8.2	Tokyo	3.2	Osaka	1.8	Kagoshima	1.4
Oita	362,720	Oita	78.2	Fukuoka	9.1	Tokyo	2.8	Kumamoto	2.2	Osaka	1.5
Miyazaki	346,586	Miyazaki	80.0	Fukuoka	5.1	Kagoshima	3.1	Tokyo	2.6	Kumamoto	2.1
Kagoshima	539,450	Kagoshima	76.5	Fukuoka	5.3	Tokyo	3.1	Osaka	2.2	Kumamoto	2.1
Okinawa	419,814	Okinawa	74.4	Tokyo	6.1	Fukuoka	3.0	Osaka	2.2	Kanagawa	1.4

2-2-2-4-3 Main Originating Prefectures by Destination Prefecture (FY2007)

Incoming	Total number of incoming calls (thousand)	Outgoing									
		1		2		3		4		5	
		Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)
Hokkaido	1,848,403	Hokkaido	85.6	Tokyo	6.5	Osaka	1.5	Kanagawa	0.8	Miyagi	0.6
Aomori	379,535	Aomori	76.7	Tokyo	6.8	Miyagi	3.8	Iwate	2.3	Hokkaido	1.9
Iwate	399,853	Iwate	74.3	Tokyo	6.9	Miyagi	5.9	Aomori	2.0	Osaka	1.5
Miyagi	923,041	Miyagi	63.5	Tokyo	8.3	Fukushima	5.3	Iwate	3.4	Hokkaido	3.2
Akita	329,137	Akita	76.6	Tokyo	7.4	Miyagi	3.7	Iwate	1.6	Osaka	1.5
Yamagata	389,496	Yamagata	72.3	Tokyo	6.9	Miyagi	6.0	Akita	1.9	Iwate	1.8
Fukushima	616,838	Fukushima	73.1	Tokyo	8.6	Miyagi	5.0	Osaka	1.6	Kanagawa	1.6
Ibaraki	794,603	Ibaraki	63.1	Tokyo	14.6	Chiba	4.5	Saitama	3.0	Kanagawa	2.3
Tochigi	581,855	Tochigi	64.0	Tokyo	13.1	Saitama	3.9	Ibaraki	3.0	Gunma	2.8
Gunma	620,284	Gunma	62.5	Tokyo	13.1	Saitama	5.7	Tochigi	2.7	Kanagawa	2.2
Saitama	2,023,734	Saitama	55.8	Tokyo	22.5	Kanagawa	3.0	Chiba	2.8	Ibaraki	2.1
Chiba	1,714,622	Chiba	59.9	Tokyo	21.1	Kanagawa	3.2	Saitama	2.8	Ibaraki	2.2
Tokyo	8,041,006	Tokyo	64.9	Kanagawa	6.4	Saitama	4.6	Chiba	3.9	Osaka	3.7
Kanagawa	2,689,583	Kanagawa	62.1	Tokyo	21.3	Osaka	2.3	Chiba	2.0	Saitama	1.9
Niigata	827,698	Niigata	74.7	Tokyo	8.3	Nagano	2.4	Gunma	2.3	Osaka	1.9
Toyama	340,853	Toyama	69.6	Tokyo	6.8	Ishikawa	5.0	Osaka	4.5	Aichi	2.6
Ishikawa	385,717	Ishikawa	68.8	Tokyo	6.5	Toyama	5.4	Osaka	4.5	Fukui	3.1
Fukui	258,412	Fukui	69.7	Tokyo	6.6	Osaka	6.1	Ishikawa	4.1	Aichi	2.2
Yamanashi	270,308	Yamanashi	67.9	Tokyo	15.1	Kanagawa	3.2	Osaka	2.0	Nagano	1.6
Nagano	708,632	Nagano	73.1	Tokyo	10.3	Osaka	2.1	Aichi	2.1	Kanagawa	1.6
Gifu	606,714	Gifu	64.1	Aichi	13.5	Tokyo	6.7	Osaka	4.1	Kanagawa	1.1
Shizuoka	1,282,969	Shizuoka	72.8	Tokyo	9.3	Aichi	4.0	Osaka	3.1	Kanagawa	2.8
Aichi	2,600,173	Aichi	70.7	Tokyo	7.1	Osaka	4.0	Gifu	3.6	Shizuoka	2.7
Mie	554,665	Mie	69.2	Aichi	9.3	Tokyo	5.9	Osaka	5.3	Gifu	0.9
Shiga	385,490	Shiga	59.2	Osaka	12.5	Kyoto	7.3	Tokyo	6.1	Aichi	2.4
Kyoto	920,131	Kyoto	59.2	Osaka	13.6	Tokyo	6.4	Shiga	4.5	Nara	2.7
Osaka	4,253,782	Osaka	67.0	Tokyo	7.7	Hyogo	5.6	Kyoto	2.6	Aichi	1.9
Hyogo	1,433,228	Hyogo	64.1	Osaka	16.9	Tokyo	6.6	Kyoto	1.3	Fukuoka	1.1
Nara	343,878	Nara	58.9	Osaka	21.2	Tokyo	5.8	Kyoto	2.5	Hyogo	1.5
Wakayama	318,438	Wakayama	70.6	Osaka	14.2	Tokyo	5.3	Hyogo	1.1	Aichi	0.8
Tottori	181,788	Tottori	70.7	Osaka	5.7	Tokyo	5.3	Shimane	4.2	Hiroshima	2.8
Shimane	231,499	Shimane	74.2	Hiroshima	4.6	Tokyo	4.6	Osaka	4.1	Tottori	3.9
Okayama	606,783	Okayama	70.0	Osaka	6.0	Tokyo	6.0	Hiroshima	4.9	Hyogo	1.8
Hiroshima	1,036,471	Hiroshima	68.2	Tokyo	5.5	Okayama	4.4	Osaka	4.4	Yamaguchi	3.4
Yamaguchi	456,723	Yamaguchi	74.0	Hiroshima	5.2	Tokyo	5.0	Fukuoka	5.0	Osaka	3.5
Tokushima	211,997	Tokushima	70.6	Osaka	6.4	Tokyo	5.8	Kagawa	4.3	Ehime	1.7
Kagawa	336,776	Kagawa	64.7	Osaka	5.9	Tokyo	5.8	Ehime	5.1	Tokushima	3.7
Ehime	433,072	Ehime	73.9	Tokyo	5.3	Osaka	5.0	Kagawa	3.2	Hiroshima	1.6
Kochi	221,898	Kochi	76.3	Tokyo	5.0	Osaka	4.6	Ehime	2.5	Kagawa	2.5
Fukuoka	1,878,535	Fukuoka	72.0	Tokyo	5.8	Osaka	3.5	Kumamoto	2.2	Nagasaki	2.0
Saga	211,915	Saga	66.5	Fukuoka	15.4	Tokyo	4.7	Nagasaki	3.1	Osaka	2.7
Nagasaki	420,419	Nagasaki	76.8	Fukuoka	8.1	Tokyo	4.6	Osaka	2.4	Saga	1.4
Kumamoto	535,892	Kumamoto	72.4	Fukuoka	8.5	Tokyo	4.8	Osaka	2.7	Kagoshima	2.2
Oita	378,710	Oita	74.9	Fukuoka	8.8	Tokyo	5.0	Osaka	2.9	Kumamoto	1.2
Miyazaki	358,305	Miyazaki	77.3	Fukuoka	5.4	Tokyo	4.3	Kagoshima	3.0	Osaka	2.6
Kagoshima	529,538	Kagoshima	77.9	Fukuoka	5.1	Tokyo	4.4	Osaka	2.8	Miyazaki	2.1
Okinawa	380,797	Okinawa	82.0	Tokyo	5.6	Fukuoka	2.6	Osaka	2.5	Kanagawa	0.8

2-2-2-5 Share by Carrier in Calls Between Prefectures

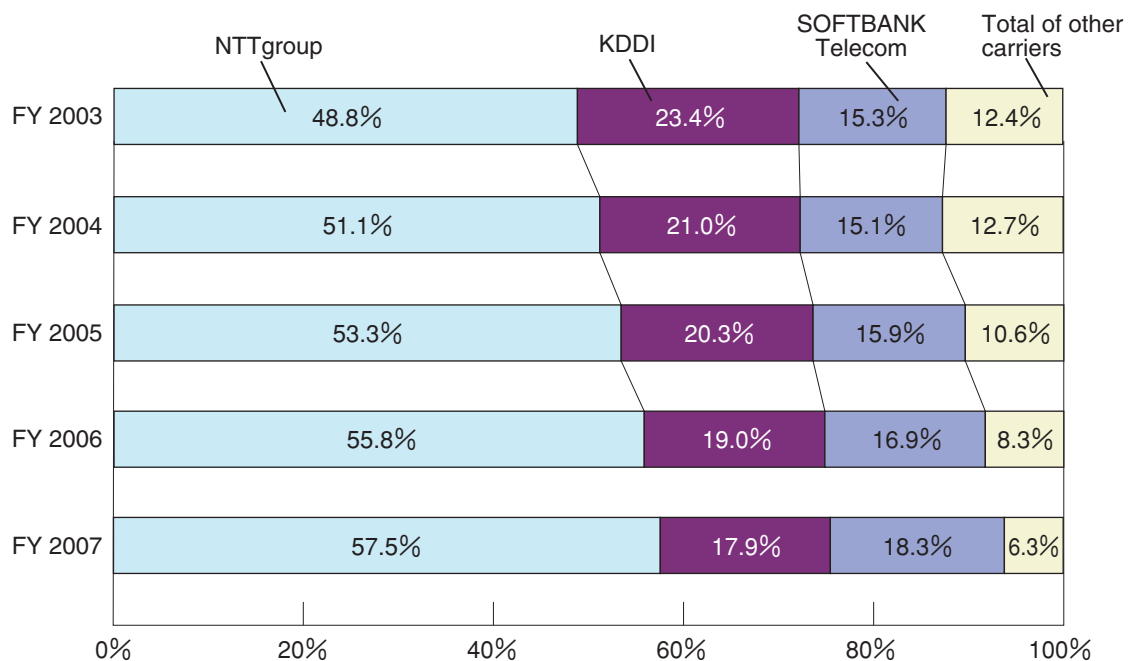
2-2-2-5-1 Changes in the Ratio of Number of Calls by Carrier in Calls between Prefectures



Note: KDD merged with DDI as KDDI since October 2000.

Note: Compiled from the data in "A Profile of Japan's Call Usage Viewed from the Traffic Flow for Fiscal 2007" (Ministry of Internal Affairs and Communications).

2-2-2-5-2 Changes in the Ratio of Call Hours by Carrier in Calls between Prefectures



Note: KDD merged with DDI as KDDI since October 2000.

Note: Compiled from the data in "A Profile of Japan's Call Usage Viewed from the Traffic Flow for Fiscal 2007" (Ministry of Internal Affairs and Communications).

2-2-3 Traffic of Mobile Phone

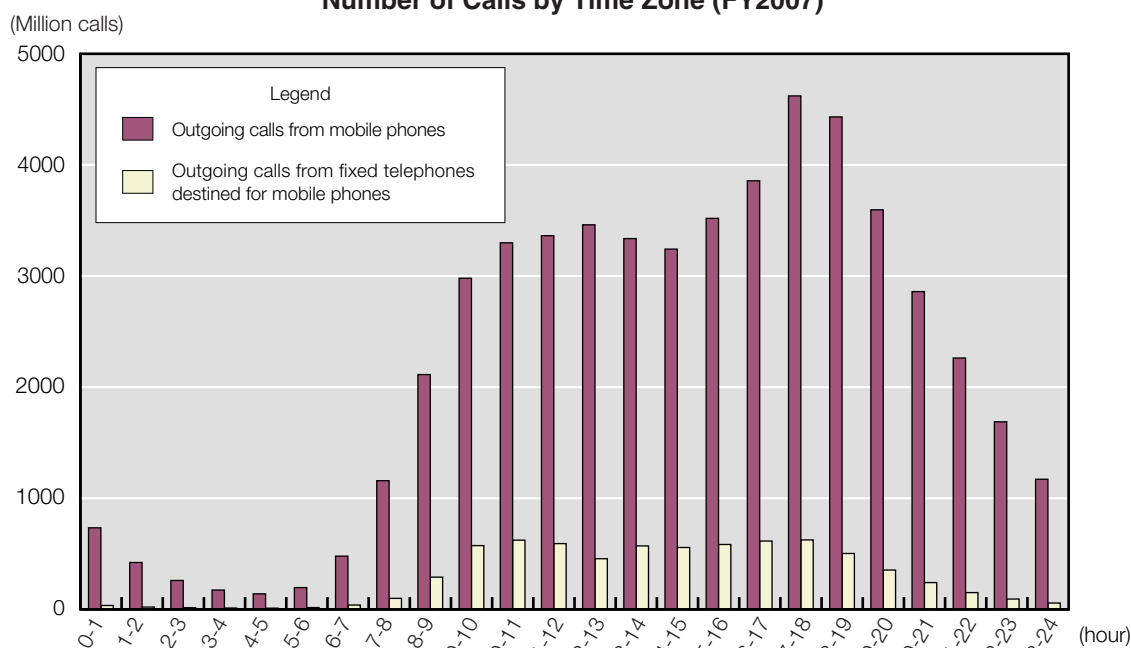
2-2-3-1 Situation of Calls by Time Zone

2-2-3-1-1 Number of Calls by Time Zone

(Reference: Outgoing calls from fixed telephones destined for mobile phones)

Time Zone	(Outgoing calls from mobile phones)					(Reference: Outgoing calls from fixed telephones destined for mobile phones)				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
0-1	926	886	839	790	734	69	54	38	39	35
1-2	516	495	470	444	422	37	30	22	24	21
2-3	313	304	289	274	260	23	19	15	16	15
3-4	203	199	191	181	174	16	14	11	12	12
4-5	152	154	149	143	140	14	13	10	12	11
5-6	186	194	194	193	196	20	18	14	16	16
6-7	418	446	454	463	479	52	47	36	40	39
7-8	1,043	1,095	1,110	1,130	1,158	137	124	93	104	99
8-9	1,850	1,956	2,007	2,057	2,113	363	342	247	286	290
9-10	2,531	2,679	2,781	2,869	2,980	685	643	457	548	574
10-11	2,839	2,981	3,082	3,176	3,299	744	691	489	591	623
11-12	2,950	3,084	3,176	3,254	3,363	716	661	467	563	592
12-13	3,137	3,261	3,326	3,377	3,461	562	514	374	436	456
13-14	3,026	3,134	3,198	3,253	3,337	699	641	452	545	571
14-15	2,958	3,055	3,110	3,160	3,242	681	626	443	531	557
15-16	3,198	3,302	3,370	3,429	3,519	717	658	471	561	584
16-17	3,512	3,619	3,696	3,760	3,857	765	698	503	594	615
17-18	4,254	4,363	4,440	4,519	4,621	814	735	530	612	625
18-19	4,153	4,255	4,309	4,353	4,432	687	613	444	500	503
19-20	3,474	3,543	3,559	3,564	3,596	501	445	323	356	354
20-21	2,877	2,903	2,891	2,860	2,860	369	319	230	250	241
21-22	2,477	2,438	2,391	2,330	2,262	264	218	154	164	151
22-23	1,977	1,927	1,852	1,771	1,688	179	144	99	103	93
23-24	1,464	1,406	1,341	1,254	1,171	118	93	63	65	57
Total	50,436	51,680	52,228	52,603	53,362	9,234	8,360	5,984	6,968	7,134

Number of Calls by Time Zone (FY2007)

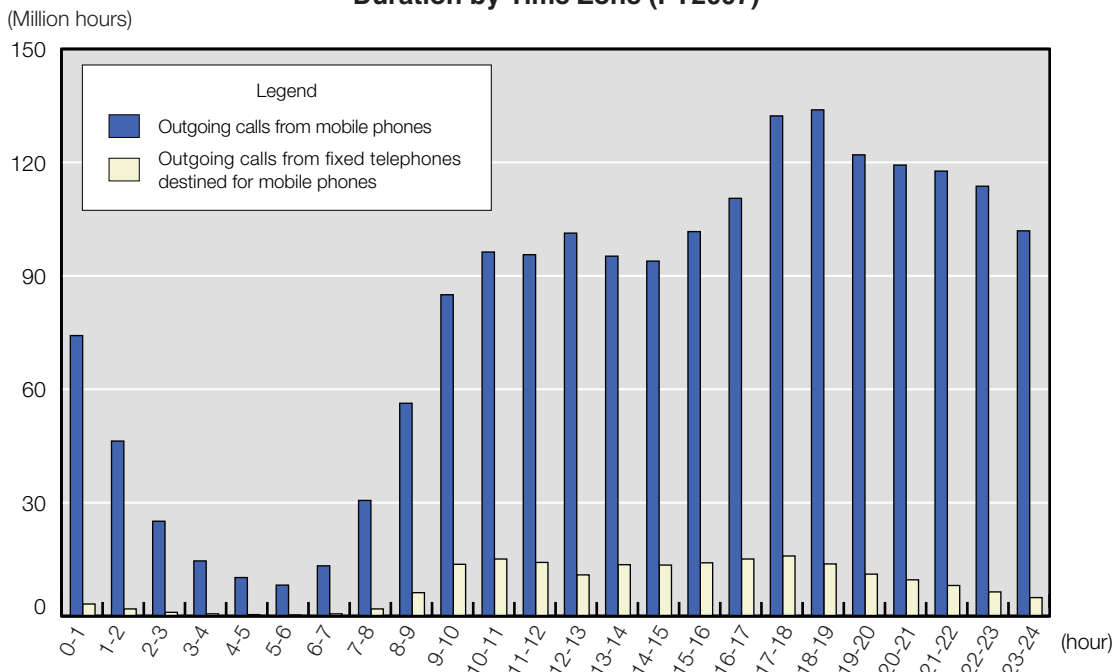


2-2-3-1-2 Duration by Time Zone

(Reference: Outgoing calls from fixed telephones destined for mobile phones)

Time Zone	(Outgoing calls from mobile phones)					(Outgoing calls from fixed telephones destined for mobile phones)				
	FY2003	FY2004	FY2005	FY2006	FY2007	FY2003	FY2004	FY2005	FY2006	FY2007
0-1	80.5	77.9	79.4	79.5	74.2	8.3	6.5	3.7	4.0	3.2
1-2	47.3	46.0	46.8	46.6	46.3	5.0	3.9	2.3	2.3	1.9
2-3	26.3	25.7	26.2	25.7	25.1	2.7	2.2	1.3	1.3	1.0
3-4	15.2	14.9	15.1	14.8	14.6	1.5	1.2	0.7	0.7	0.6
4-5	9.2	9.1	9.4	9.9	10.2	0.9	0.7	0.4	0.4	0.4
5-6	7.3	7.3	7.5	7.6	8.2	0.6	0.5	0.3	0.3	0.3
6-7	10.6	10.9	11.3	11.9	13.3	1.0	0.8	0.6	0.7	0.6
7-8	24.8	25.3	26.1	27.9	30.6	2.7	2.4	1.7	2.0	1.9
8-9	44.6	46.3	48.5	51.7	56.3	7.8	7.2	5.2	6.2	6.2
9-10	65.0	68.1	72.6	77.6	85.0	16.1	15.0	10.6	13.1	13.7
10-11	75.2	78.1	83.0	88.3	96.3	17.9	16.4	11.6	14.3	15.1
11-12	76.6	79.2	83.8	88.5	95.6	17.0	15.5	10.9	13.4	14.2
12-13	83.9	86.1	90.3	94.7	101.3	13.7	12.3	8.8	10.5	10.9
13-14	79.0	80.8	84.7	88.8	95.2	16.6	15.0	10.5	12.9	13.6
14-15	78.5	80.1	83.7	87.6	93.9	16.4	14.9	10.4	12.8	13.5
15-16	84.9	86.5	90.6	94.9	101.7	17.2	15.5	10.9	13.4	14.1
16-17	92.4	93.9	98.4	103.2	110.5	18.4	16.6	11.7	14.3	15.1
17-18	111.6	112.6	117.7	124.0	132.3	20.1	18.0	12.8	15.3	15.9
18-19	113.1	114.6	119.6	125.7	133.9	18.2	16.2	11.5	13.5	13.8
19-20	102.6	104.0	108.5	114.4	122.0	15.1	13.3	9.5	11.1	11.1
20-21	101.7	102.4	107.0	112.7	119.3	14.1	12.2	8.5	10.1	9.6
21-22	109.5	107.8	112.0	117.3	117.7	13.7	11.3	7.6	9.0	8.1
22-23	112.3	110.3	112.4	115.8	113.7	12.7	10.2	6.3	7.4	6.4
23-24	107.5	104.1	106.2	107.4	101.9	11.3	8.8	5.2	5.9	4.9
Total	1,659.4	1,672.2	1,740.7	1,816.5	1,898.8	269.2	236.6	163.3	194.8	196.1

Duration by Time Zone (FY2007)



2-2-3-2 Situation of Number of Calls by Duration

2-2-3-2-1 Number of Calls by Duration

(Reference: Outgoing calls from fixed telephones destined for mobile phones)

(Outgoing calls from mobile phones) (Million calls)

Duration	FY2003	FY2004	FY2005	FY2006	FY2007
up to 1 min	30,401	31,517	31,566	31,386	31,469
1-3 mins	13,128	13,204	13,442	13,681	13,974
3-5 mins	3,131	3,155	3,240	3,341	3,464
5-10 mins	2,223	2,235	2,310	2,411	2,542
over 10 mins	1,553	1,569	1,666	1,783	1,914
Total	50,436	51,680	52,224	52,603	53,362

FY2003	FY2004	FY2005	FY2006	FY2007
5,807	5,308	3,843	4,448	4,543
2,299	2,056	1,448	1,691	1,731
541	482	338	401	415
364	322	225	270	281
223	191	129	158	164
9,234	8,360	5,984	6,968	7,134

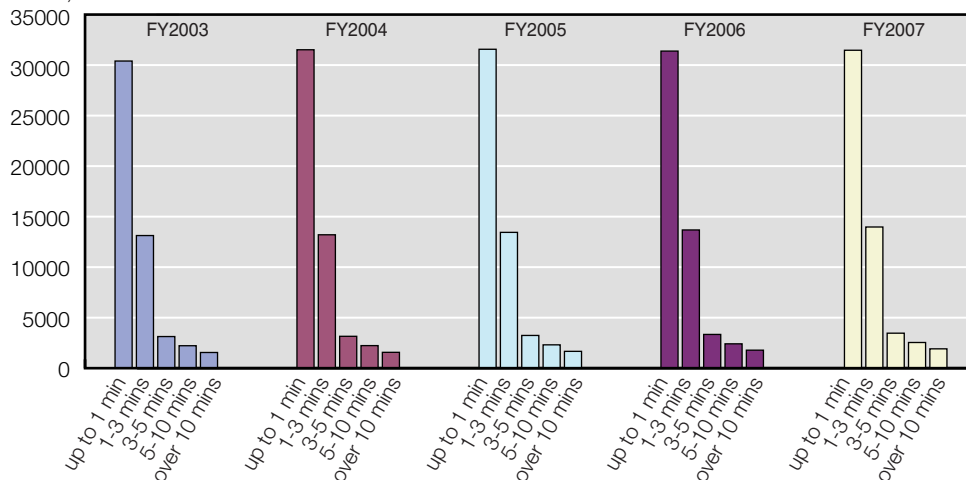
(Reference) Number of Calls by Duration

(Outgoing calls from fixed telephones destined for mobile phones)

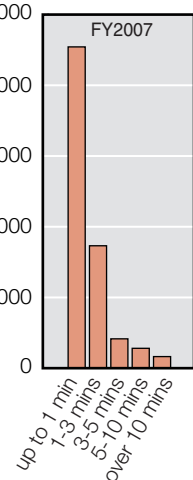
Number of Calls by Duration

(Outgoing calls from mobile phones)

(Million calls)



(Million calls)



2-2-3-2-2 Number of Calls Classified According to 10-second Steps (FY2007)

(Million calls)

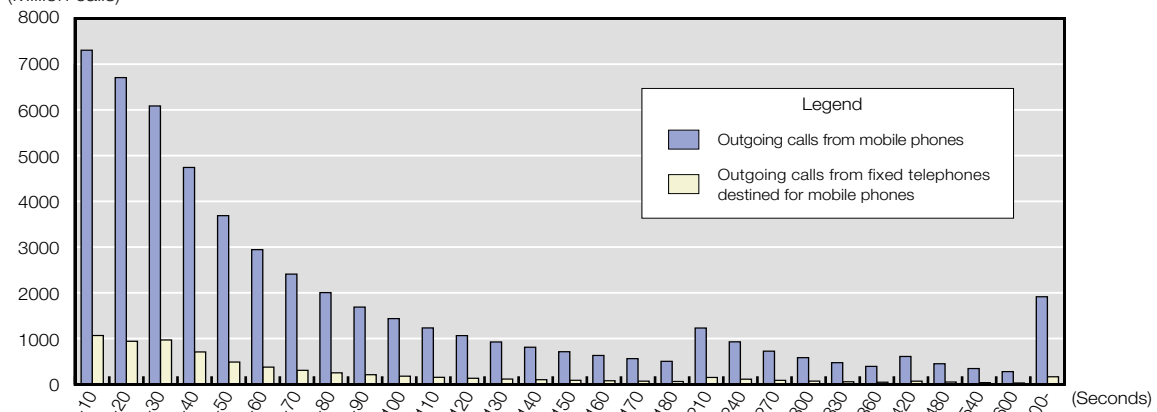
(Million calls)

(Million calls)

Step	Outgoing calls from mobile phones	Outgoing calls from fixed telephones destined for mobile phones	Total	Step	Outgoing calls from mobile phones	Outgoing calls from fixed telephones destined for mobile phones	Total	Step	Outgoing calls from mobile phones	Outgoing calls from fixed telephones destined for mobile phones	Total
~10 sec.	7,305	1,066	8,371	~110sec.	1,232	152	1,384	~270sec.	724	86	810
~20 sec.	6,706	940	7,646	~120sec.	1,064	131	1,194	~300sec.	582	69	651
~30 sec.	6,086	969	7,055	~130sec.	925	114	1,038	~330sec.	472	55	527
~40 sec.	4,741	707	5,448	~140sec.	810	100	909	~360sec.	391	45	436
~50 sec.	3,687	486	4,174	~150sec.	712	87	800	~420sec.	608	68	676
~60 sec.	2,944	375	3,319	~160sec.	630	77	708	~480sec.	449	49	498
~70 sec.	2,409	305	2,713	~170sec.	561	68	630	~540sec.	344	36	381
~80 sec.	2,005	250	2,255	~180sec.	502	61	564	~600sec.	277	28	305
~90 sec.	1,688	209	1,897	~210sec.	1,230	149	1,379	600sec.~	1,914	164	2,077
~100sec.	1,436	177	1,613	~240sec.	928	111	1,039	Total	53,362	7,134	60,497

Number of Calls Classified According to 10-second Steps (FY2007)

(Million calls)



2-2-3-3 Situation of Calls by Prefecture

2-2-3-3-1 Ranking of Number of Outgoing and Incoming Calls by Prefecture (FY2007)

(Thousand calls)

Ranking	Outgoing			Incoming		
	Pref.	No. of Outgoing	Ratio (%)	Pref.	No. of Incoming	Ratio (%)
1	Tokyo	8,034,860	13.9	Tokyo	8,282,574	14.3
2	Osaka	4,675,597	8.1	Osaka	4,760,979	8.2
3	Aichi	3,490,039	6.0	Kanagawa	3,498,231	6.0
4	Kanagawa	3,486,690	6.0	Aichi	3,466,808	6.0
5	Fukuoka	2,783,484	4.8	Fukuoka	2,811,008	4.9
6	Saitama	2,567,145	4.4	Saitama	2,566,138	4.4
7	Chiba	2,491,815	4.3	Chiba	2,460,111	4.3
8	Hyogo	2,285,158	3.9	Hyogo	2,202,924	3.8
9	Hokkaido	2,137,773	3.7	Hokkaido	2,132,513	3.7
10	Shizuoka	1,667,874	2.9	Shizuoka	1,643,708	2.8
11	Hiroshima	1,312,994	2.3	Hiroshima	1,309,973	2.3
12	Ibaraki	1,270,228	2.2	Ibaraki	1,250,980	2.2
13	Kyoto	1,143,581	2.0	Kyoto	1,128,019	1.9
14	Miyagi	985,973	1.7	Miyagi	993,422	1.7
15	Okinawa	912,982	1.6	Okinawa	912,573	1.6
16	Kumamoto	910,983	1.6	Kumamoto	904,712	1.6
17	Okayama	887,454	1.5	Okayama	875,762	1.5
18	Nagano	879,804	1.5	Nagano	870,056	1.5
19	Gifu	873,397	1.5	Gifu	866,467	1.5
20	Mie	864,914	1.5	Mie	851,354	1.5
21	Tochigi	861,122	1.5	Tochigi	849,948	1.5
22	Kagoshima	837,354	1.4	Kagoshima	833,557	1.4
23	Gunma	829,376	1.4	Gunma	824,046	1.4
24	Niigata	828,624	1.4	Niigata	823,017	1.4
25	Fukushima	780,129	1.3	Fukushima	772,328	1.3
26	Nagasaki	624,320	1.1	Nagasaki	620,283	1.1
27	Ehime	614,525	1.1	Ehime	609,031	1.1
28	Shiga	602,726	1.0	Shiga	592,462	1.0
29	Oita	589,492	1.0	Oita	583,911	1.0
30	Yamaguchi	587,897	1.0	Yamaguchi	582,748	1.0
31	Miyazaki	557,627	1.0	Miyazaki	554,446	1.0
32	Nara	527,704	0.9	Nara	525,576	0.9
33	Ishikawa	512,331	0.9	Ishikawa	509,831	0.9
34	Aomori	465,912	0.8	Aomori	464,866	0.8
35	Kagawa	458,771	0.8	Kagawa	460,634	0.8
36	Wakayama	444,491	0.8	Wakayama	440,649	0.8
37	Yamanashi	429,124	0.7	Yamanashi	423,593	0.7
38	Iwate	425,180	0.7	Iwate	421,738	0.7
39	Toyama	424,266	0.7	Toyama	418,361	0.7
40	Yamagata	417,097	0.7	Yamagata	412,843	0.7
41	Saga	413,062	0.7	Saga	400,318	0.7
42	Fukui	376,912	0.7	Fukui	373,354	0.6
43	Akita	362,116	0.6	Akita	359,896	0.6
44	Kochi	346,467	0.6	Kochi	343,062	0.6
45	Tokushima	341,780	0.6	Tokushima	337,927	0.6
46	Shimane	278,601	0.5	Shimane	274,846	0.5
47	Tottori	254,116	0.4	Tottori	250,887	0.4
	Total	57,853,868	100.0	Total	57,853,868	100.0

Note: Compiled from data on total of outgoing calls from mobile phones and outgoing from fixed telephones to mobile phone calls.

2-2-3-3-2 Main Destination Prefectures by Originating Prefecture (FY2007)

Outgoing	Total number of outgoing calls (thousand)	Incoming									
		1		2		3		4		5	
		Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)
Hokkaido	2,137,773	Hokkaido	94.0	Tokyo	2.2	Kanagawa	0.4	Osaka	0.3	Chiba	0.3
Aomori	465,912	Aomori	88.1	Tokyo	2.3	Miyagi	1.9	Iwate	1.8	Hokkaido	0.8
Iwate	425,180	Iwate	84.7	Miyagi	4.4	Tokyo	2.5	Aomori	2.0	Akita	1.2
Miyagi	985,973	Miyagi	85.5	Tokyo	3.0	Fukushima	2.1	Iwate	1.7	Yamagata	1.4
Akita	362,116	Akita	87.5	Tokyo	2.5	Miyagi	2.2	Iwate	1.4	Aomori	1.1
Yamagata	417,097	Yamagata	86.6	Miyagi	3.9	Tokyo	2.5	Fukushima	1.1	Kanagawa	0.8
Fukushima	780,129	Fukushima	85.8	Miyagi	3.1	Tokyo	3.0	Ibaraki	1.2	Tochigi	0.9
Ibaraku	1,270,228	Ibaraki	79.8	Tokyo	5.5	Chiba	4.7	Tochigi	2.4	Saitama	2.3
Tochigi	861,122	Tochigi	79.7	Tokyo	4.8	Ibaraki	3.4	Gunma	3.1	Saitama	2.8
Gunma	829,376	Gunma	80.6	Saitama	5.3	Tokyo	4.6	Tochigi	3.2	Kanagawa	1.0
Saitama	2,567,145	Saitama	72.2	Tokyo	15.5	Chiba	2.5	Kanagawa	1.8	Gunma	1.7
Chiba	2,491,815	Chiba	75.4	Tokyo	12.4	Saitama	2.6	Ibaraki	2.3	Kanagawa	2.0
Tokyo	8,034,860	Tokyo	76.0	Kanagawa	6.1	Saitama	4.9	Chiba	3.7	Osaka	1.1
Kanagawa	3,486,690	Kanagawa	76.6	Tokyo	14.2	Chiba	1.4	Saitama	1.3	Shizuoka	1.0
Niigata	828,624	Niigata	88.5	Tokyo	3.4	Saitama	0.9	Kanagawa	0.9	Nagano	0.8
Toyama	424,266	Toyama	85.7	Ishikawa	3.9	Tokyo	2.2	Osaka	1.1	Aichi	1.0
Ishikawa	512,331	Ishikawa	85.5	Toyama	3.0	Fukui	2.0	Tokyo	2.0	Osaka	1.4
Fukui	376,912	Fukui	85.9	Ishikawa	2.8	Osaka	1.9	Tokyo	1.6	Aichi	1.2
Yamanashi	429,124	Yamanashi	83.2	Tokyo	6.4	Kanagawa	2.2	Nagano	1.6	Shizuoka	1.6
Nagano	879,804	Nagano	86.1	Tokyo	4.0	Aichi	1.3	Kanagawa	1.0	Saitama	0.9
Gifu	873,397	Gifu	78.6	Aichi	12.3	Tokyo	1.9	Mie	1.0	Osaka	0.9
Shizuoka	1,667,874	Shizuoka	85.8	Tokyo	3.6	Aichi	3.1	Kanagawa	2.1	Osaka	0.6
Aichi	3,490,039	Aichi	85.9	Gifu	3.1	Tokyo	2.3	Mie	1.6	Shizuoka	1.3
Mie	864,914	Mie	81.7	Aichi	7.2	Osaka	2.1	Tokyo	1.6	Gifu	1.0
Shiga	602,726	Shiga	76.3	Kyoto	6.8	Osaka	5.8	Tokyo	1.7	Aichi	1.4
Kyoto	1,143,581	Kyoto	75.0	Osaka	9.4	Shiga	3.6	Hyogo	2.4	Tokyo	2.1
Osaka	4,675,597	Osaka	81.8	Hyogo	5.0	Tokyo	2.4	Kyoto	2.1	Nara	1.7
Hyogo	2,285,158	Hyogo	77.5	Osaka	13.1	Tokyo	1.8	Kyoto	1.2	Okayama	0.6
Nara	527,704	Nara	72.1	Osaka	14.7	Kyoto	3.3	Hyogo	1.7	Tokyo	1.6
Wakayama	444,491	Wakayama	83.3	Osaka	8.8	Tokyo	1.3	Hyogo	1.1	Nara	1.0
Tottori	254,116	Tottori	83.2	Shimane	4.5	Okayama	2.0	Osaka	1.8	Hiroshima	1.7
Shimane	278,601	Shimane	83.1	Tottori	4.1	Hiroshima	3.7	Tokyo	1.5	Osaka	1.4
Okayama	887,454	Okayama	85.2	Hiroshima	3.7	Osaka	1.8	Hyogo	1.6	Tokyo	1.5
Hiroshima	1,312,994	Hiroshima	86.3	Okayama	2.3	Yamaguchi	1.9	Tokyo	1.8	Osaka	1.3
Yamaguchi	587,897	Yamaguchi	83.5	Hiroshima	4.3	Fukuoka	4.3	Tokyo	1.5	Osaka	0.9
Tokushima	341,780	Tokushima	86.2	Kagawa	3.2	Osaka	1.9	Hyogo	1.4	Tokyo	1.3
Kagawa	458,771	Kagawa	83.9	Ehime	2.6	Tokushima	2.2	Osaka	1.8	Tokyo	1.7
Ehime	614,525	Ehime	87.6	Kagawa	2.1	Tokyo	1.5	Osaka	1.3	Hiroshima	1.3
Kochi	346,467	Kochi	88.7	Ehime	1.9	Kagawa	1.6	Tokyo	1.5	Osaka	1.3
Fukuoka	2,783,484	Fukuoka	86.5	Saga	2.0	Tokyo	1.8	Kumamoto	1.6	Oita	1.3
Saga	413,062	Saga	74.1	Fukuoka	15.8	Nagasaki	3.3	Tokyo	1.2	Kumamoto	1.0
Nagasaki	624,320	Nagasaki	86.2	Fukuoka	4.8	Saga	2.1	Tokyo	1.4	Kumamoto	1.1
Kumamoto	910,983	Kumamoto	86.5	Fukuoka	5.3	Tokyo	1.3	Kagoshima	1.1	Miyazaki	0.8
Oita	589,492	Oita	85.5	Fukuoka	6.4	Tokyo	1.5	Kumamoto	1.2	Miyazaki	0.7
Miyazaki	557,627	Miyazaki	87.1	Kagoshima	3.0	Fukuoka	2.6	Tokyo	1.4	Kumamoto	1.3
Kagoshima	837,354	Kagoshima	88.6	Fukuoka	2.5	Miyazaki	2.1	Tokyo	1.4	Kumamoto	1.3
Okinawa	912,982	Okinawa	93.6	Tokyo	1.6	Fukuoka	0.9	Osaka	0.5	Kanagawa	0.4

Note: Compiled from data on total of outgoing calls from mobile phones and outgoing from fixed telephones to mobile phone calls.

2-2-3-3-3 Main Originating Prefectures by Destination Prefecture (FY2007)

Incoming	Total number of Incoming calls (thousand)	Outgoing									
		1		2		3		4		5	
		Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)
Hokkaido	2,132,513	Hokkaido	94.2	Tokyo	1.7	Kanagawa	0.5	Chiba	0.4	Osaka	0.3
Aomori	464,866	Aomori	88.3	Tokyo	2.1	Iwate	1.8	Miyagi	1.5	Akita	0.9
Iwate	421,738	Iwate	85.4	Miyagi	4.0	Tokyo	2.1	Aomori	2.0	Akita	1.2
Miyagi	993,422	Miyagi	84.8	Fukushima	2.5	Tokyo	2.4	Iwate	1.9	Yamagata	1.6
Akita	359,896	Akita	88.1	Tokyo	2.2	Miyagi	1.8	Iwate	1.4	Aomori	1.1
Yamagata	412,843	Yamagata	87.5	Miyagi	3.4	Tokyo	2.1	Fukushima	1.1	Kanagawa	0.7
Fukushima	772,328	Fukushima	86.7	Miyagi	2.6	Tokyo	2.5	Ibaraki	1.3	Tochigi	1.0
Ibaraki	1,250,980	Ibaraki	81.1	Tokyo	4.7	Chiba	4.6	Tochigi	2.4	Saitama	2.3
Tochigi	849,948	Tochigi	80.7	Tokyo	3.8	Ibaraki	3.6	Gunma	3.1	Saitama	2.7
Gunma	824,046	Gunma	81.1	Saitama	5.4	Tokyo	3.7	Tochigi	3.2	Kanagawa	1.0
Saitama	2,566,138	Saitama	72.2	Tokyo	15.4	Chiba	2.6	Kanagawa	1.8	Gunma	1.7
Chiba	2,460,111	Chiba	76.3	Tokyo	12.0	Saitama	2.6	Ibaraki	2.4	Kanagawa	2.0
Tokyo	8,282,574	Tokyo	73.7	Kanagawa	6.0	Saitama	4.8	Chiba	3.7	Osaka	1.3
Kanagawa	3,498,231	Kanagawa	76.3	Tokyo	14.1	Chiba	1.5	Saitama	1.3	Shizuoka	1.0
Niigata	823,017	Niigata	89.1	Tokyo	2.7	Saitama	0.9	Nagano	0.8	Kanagawa	0.8
Toyama	418,361	Toyama	86.9	Ishikawa	3.7	Tokyo	1.7	Aichi	1.0	Osaka	0.8
Ishikawa	509,831	Ishikawa	85.9	Toyama	3.3	Fukui	2.1	Tokyo	1.5	Osaka	1.1
Fukui	373,354	Fukui	86.7	Ishikawa	2.7	Osaka	1.6	Tokyo	1.2	Aichi	1.2
Yamanashi	423,593	Yamanashi	84.3	Tokyo	5.5	Kanagawa	2.0	Shizuoka	1.6	Nagano	1.6
Nagano	870,056	Nagano	87.1	Tokyo	3.1	Aichi	1.2	Kanagawa	0.9	Saitama	0.9
Gifu	866,467	Gifu	79.2	Aichi	12.4	Tokyo	1.3	Mie	1.0	Osaka	0.8
Shizuoka	1,643,708	Shizuoka	87.0	Tokyo	2.9	Aichi	2.8	Kanagawa	2.1	Osaka	0.6
Aichi	3,466,808	Aichi	86.5	Gifu	3.1	Mie	1.8	Tokyo	1.6	Shizuoka	1.5
Mie	851,354	Mie	83.0	Aichi	6.8	Osaka	1.9	Tokyo	1.1	Gifu	1.0
Shiga	592,462	Shiga	77.6	Kyoto	7.0	Osaka	4.8	Aichi	1.4	Hyogo	1.4
Kyoto	1,128,019	Kyoto	76.0	Osaka	8.7	Shiga	3.6	Hyogo	2.4	Tokyo	1.6
Osaka	4,760,979	Osaka	80.4	Hyogo	6.3	Kyoto	2.3	Tokyo	1.8	Nara	1.6
Hyogo	2,202,924	Hyogo	80.4	Osaka	10.7	Tokyo	1.3	Kyoto	1.2	Okayama	0.6
Nara	525,576	Nara	72.4	Osaka	14.7	Kyoto	3.3	Hyogo	1.7	Mie	1.3
Wakayama	440,649	Wakayama	84.0	Osaka	8.4	Hyogo	1.2	Nara	1.0	Mie	1.0
Tottori	250,887	Tottori	84.2	Shimane	4.6	Okayama	2.0	Osaka	1.6	Hyogo	1.6
Shimane	274,846	Shimane	84.2	Tottori	4.2	Hiroshima	3.3	Osaka	1.2	Tokyo	1.1
Okayama	875,762	Okayama	86.3	Hiroshima	3.4	Hyogo	1.6	Osaka	1.6	Tokyo	1.1
Hiroshima	1,309,973	Hiroshima	86.5	Okayama	2.5	Yamaguchi	1.9	Tokyo	1.3	Osaka	1.1
Yamaguchi	582,748	Yamaguchi	84.2	Hiroshima	4.2	Fukuoka	4.1	Tokyo	1.1	Osaka	0.8
Tokushima	337,927	Tokushima	87.2	Kagawa	3.0	Osaka	1.7	Hyogo	1.5	Ehime	1.1
Kagawa	460,634	Kagawa	83.6	Ehime	2.9	Tokushima	2.4	Osaka	1.6	Okayama	1.6
Ehime	609,031	Ehime	88.3	Kagawa	1.9	Osaka	1.2	Hiroshima	1.2	Tokyo	1.1
Kochi	343,062	Kochi	89.5	Ehime	1.8	Kagawa	1.4	Osaka	1.2	Tokyo	1.0
Fukuoka	2,811,008	Fukuoka	85.7	Saga	2.3	Kumamoto	1.7	Oita	1.3	Tokyo	1.3
Saga	400,318	Saga	76.4	Fukuoka	13.9	Nagasaki	3.3	Kumamoto	1.0	Tokyo	0.9
Nagasaki	620,283	Nagasaki	86.8	Fukuoka	4.3	Saga	2.2	Kumamoto	1.1	Tokyo	1.0
Kumamoto	904,712	Kumamoto	87.1	Fukuoka	4.8	Kagoshima	1.2	Tokyo	1.0	Miyazaki	0.8
Oita	583,911	Oita	86.3	Fukuoka	6.1	Kumamoto	1.1	Tokyo	1.0	Miyazaki	0.7
Miyazaki	554,446	Miyazaki	87.6	Kagoshima	3.2	Fukuoka	2.2	Kumamoto	1.3	Tokyo	1.1
Kagoshima	833,557	Kagoshima	89.0	Miyazaki	2.0	Fukuoka	2.0	Kumamoto	1.3	Tokyo	1.2
Okinawa	912,573	Okinawa	93.6	Tokyo	1.4	Fukuoka	0.6	Osaka	0.5	Kanagawa	0.5

Note: Compiled from data on total of outgoing calls from mobile phones and outgoing from fixed telephones to mobile phone calls.

2-2-4 Traffic of PHS

2-2-4-1 Situation of Calls by Time Zone

2-2-4-1-1 Number of Calls by Time Zone

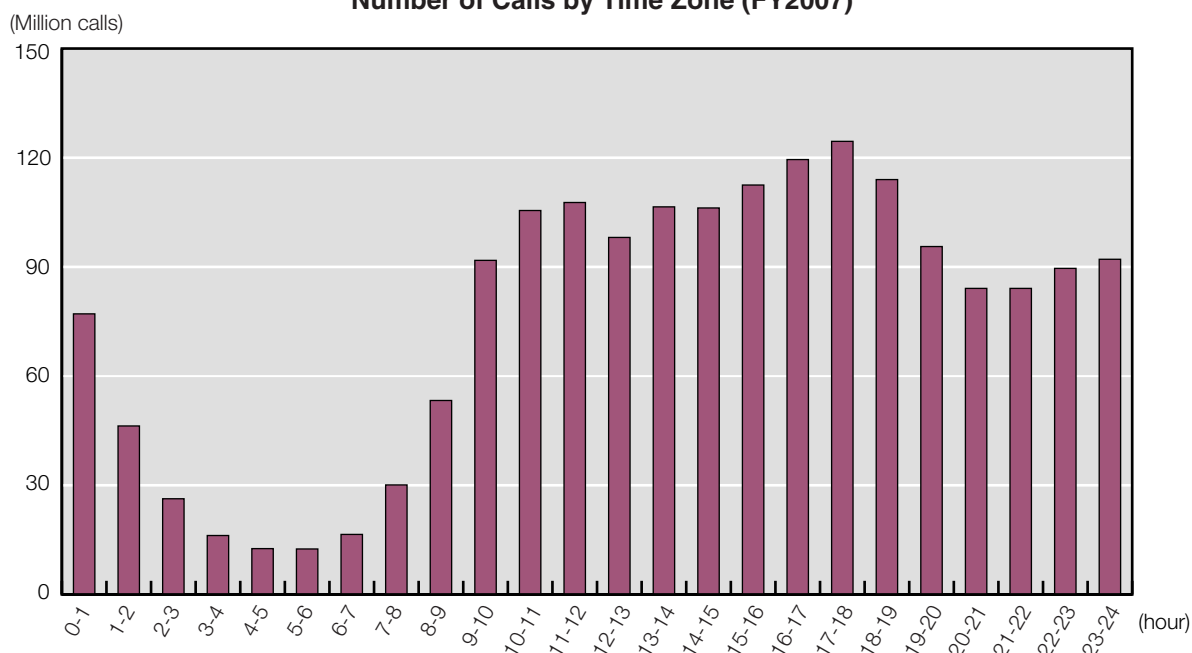
(Million calls)

Time Zone	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
0-1	68.2	56.1	59.7	46.7	53.3	68.7	77.1
1-2	34.7	30.6	36.2	30.9	34.8	43.1	46.3
2-3	17.8	17.1	22.5	20.8	22.4	26.2	26.3
3-4	10.2	10.8	15.6	15.0	15.5	17.1	16.2
4-5	7.2	8.3	12.7	12.2	12.2	13.0	12.6
5-6	8.1	9.0	12.9	12.3	12.1	13.0	12.5
6-7	17.8	16.7	19.5	17.6	16.9	17.4	16.5
7-8	42.7	35.4	35.3	29.7	28.6	30.9	30.1
8-9	81.6	70.2	67.6	56.4	52.8	56.9	53.3
9-10	127.6	116.0	113.5	95.9	90.0	97.3	91.8
10-11	145.4	131.1	127.8	108.2	103.4	111.6	105.5
11-12	153.8	137.0	132.3	111.0	106.7	114.8	107.7
12-13	154.7	129.6	121.6	100.9	98.3	105.4	98.1
13-14	159.1	138.7	133.0	110.9	106.2	114.6	106.5
14-15	155.2	135.9	130.8	109.4	105.4	114.4	106.2
15-16	165.9	143.9	137.2	113.7	110.0	120.7	112.5
16-17	179.4	154.0	144.4	118.1	114.4	126.8	119.5
17-18	203.7	169.7	152.8	121.0	117.4	131.6	124.5
18-19	194.9	158.7	140.4	108.8	106.8	120.4	114.0
19-20	163.5	132.8	118.8	91.5	90.3	101.4	95.6
20-21	146.2	118.2	107.4	81.5	80.5	89.1	84.1
21-22	143.1	114.2	105.0	77.5	77.6	86.8	84.1
22-23	129.3	103.1	98.1	71.7	74.1	86.6	89.6
23-24	106.4	85.3	84.4	62.3	68.1	84.0	92.1
Total	2,616.5	2,222.6	2,129.5	1,724.1	1,697.7	1,891.7	1,822.6

Note: Compiled from data on outgoing calls from PHS only.

Data on interim connection with cellular phone are not included in data for fiscal 1997.

Number of Calls by Time Zone (FY2007)



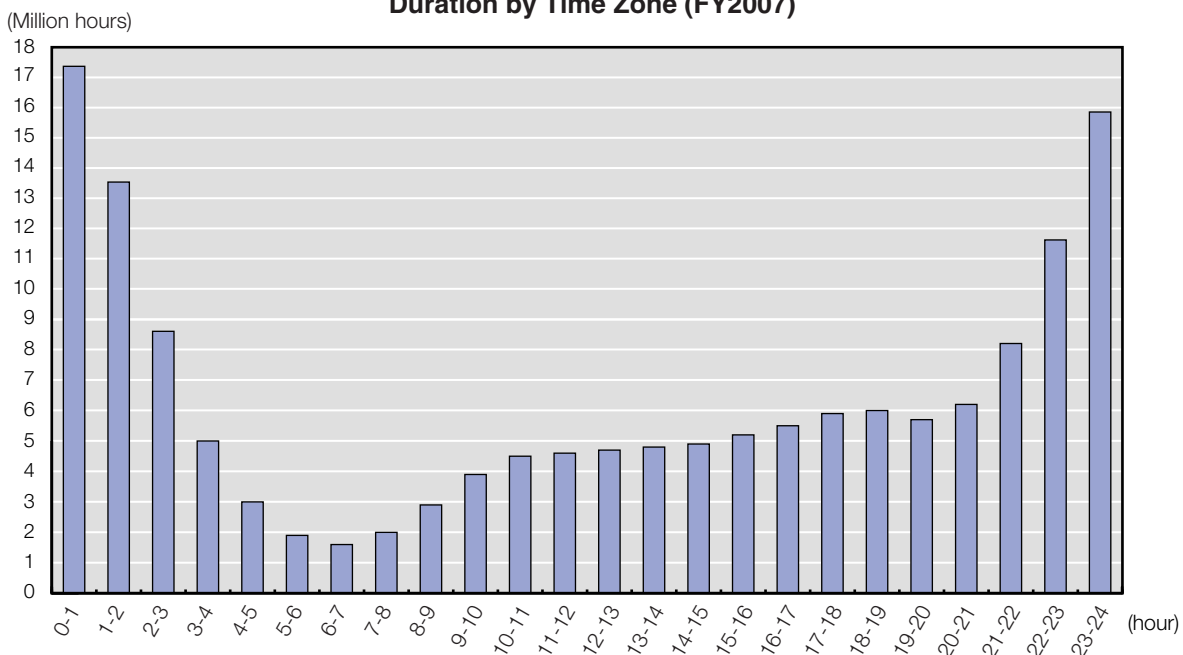
2-2-4-1-2 Duration by Time Zone

(Million hours)

Time Zone	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
0-1	6.8	9.2	13.1	7.2	8.7	13.3	17.3
1-2	4.6	6.5	9.4	4.8	6.3	10.2	13.5
2-3	2.7	4.3	6.5	3.2	4.0	6.6	8.6
3-4	1.7	3.0	5.0	2.4	2.6	3.9	5.0
4-5	1.0	2.1	3.8	1.8	1.8	2.4	3.0
5-6	0.8	1.7	3.2	1.7	1.6	1.8	1.9
6-7	1.0	1.9	3.2	2.2	1.9	1.8	1.6
7-8	1.6	2.5	3.9	3.2	2.7	2.4	2.0
8-9	2.9	3.8	6.0	5.2	4.5	3.7	2.9
9-10	4.6	5.8	8.6	7.3	6.1	5.1	3.9
10-11	5.3	6.7	9.6	7.6	6.5	5.5	4.5
11-12	5.4	7.0	10.0	7.4	6.4	5.6	4.6
12-13	5.3	6.8	9.9	7.5	6.5	5.8	4.7
13-14	5.6	7.2	10.6	8.0	6.8	6.0	4.8
14-15	5.5	7.3	10.7	7.8	6.7	6.0	4.9
15-16	5.8	7.7	11.1	7.8	6.7	6.2	5.2
16-17	6.1	8.0	11.3	7.9	6.9	6.4	5.5
17-18	6.6	8.5	11.7	8.2	7.1	6.8	5.9
18-19	6.3	8.1	11.4	8.0	7.0	6.8	6.0
19-20	5.7	7.5	10.9	7.7	6.8	6.5	5.7
20-21	6.0	7.9	11.6	8.4	7.2	6.9	6.2
21-22	7.1	9.4	13.4	9.3	8.2	8.4	8.2
22-23	7.9	10.5	14.7	9.7	9.1	10.4	11.6
23-24	8.2	10.8	15.1	9.0	9.6	12.8	15.8
Total	114.6	154.2	224.7	153.3	141.8	151.2	153.4

Note: Compiled from data on outgoing calls from PHS only.

Duration by Time Zone (FY2007)



2-2-4-2 Number of Calls by Duration

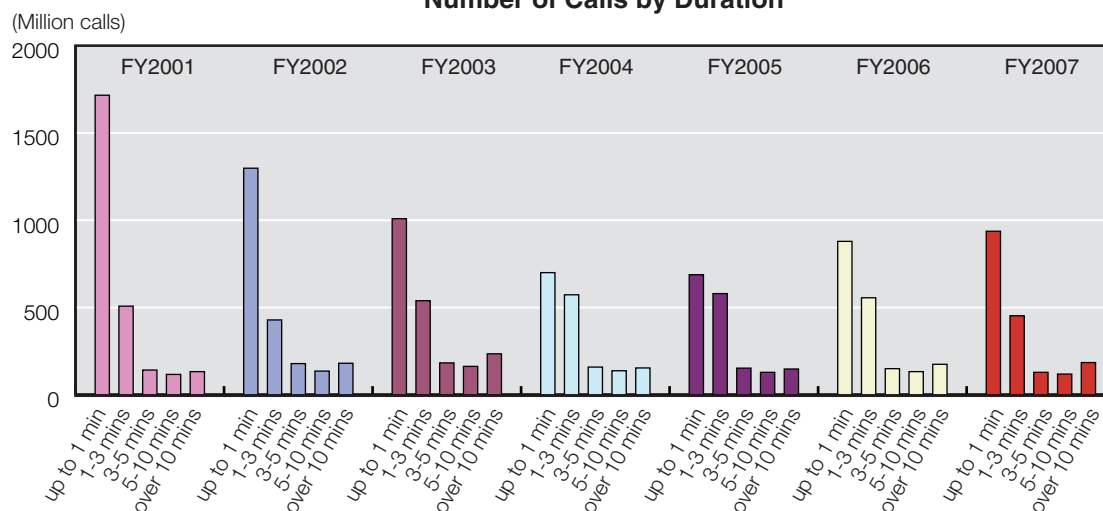
2-2-4-2-1 Number of Calls by Duration

(Million calls)

Duration	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
up to 1 min	1,716	1,298	1,009	700	688	879	937
1-3 mins	508	429	539	573	580	556	453
3-5 mins	142	179	183	159	153	150	129
5-10 mins	117	136	163	138	129	133	119
over 10 mins	133	181	235	154	148	175	185
Total	2,616	2,223	2,129	1,724	1,698	1,892	1,823

Note: Compiled from data on outgoing calls from PHS only.

Number of Calls by Duration

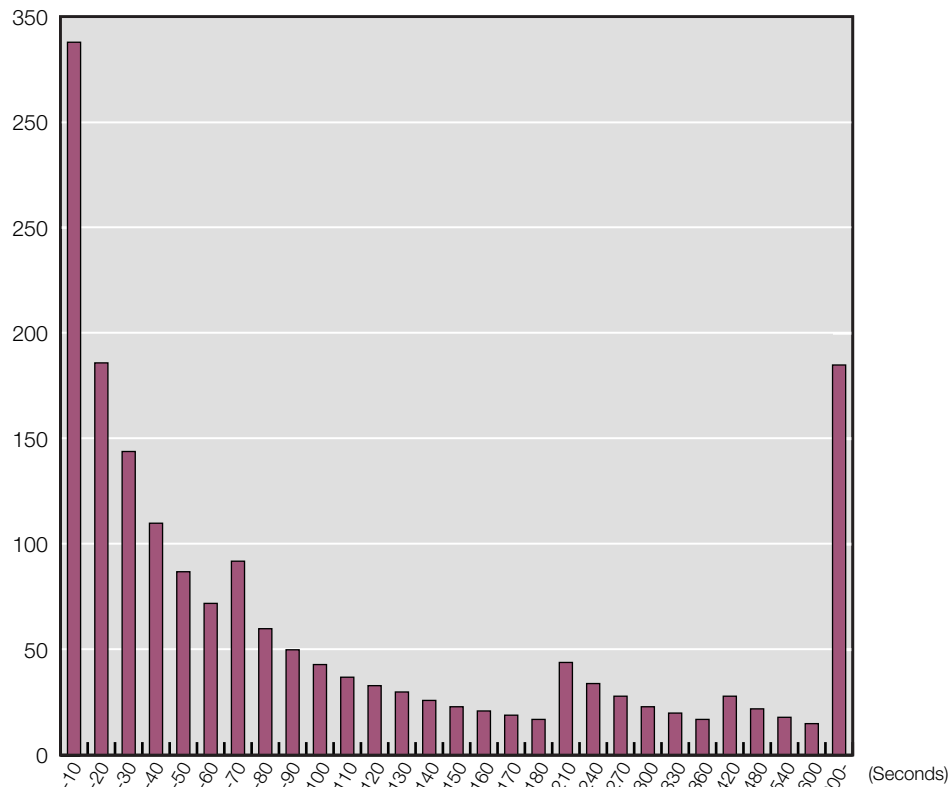


2-2-4-2-2 Number of Calls Classified According to 10-second Steps (FY2007)

(Million calls)

Step	Total
~10 sec.	338
~20 sec.	186
~30 sec.	144
~40 sec.	110
~50 sec.	87
~60 sec.	72
~70 sec.	92
~80 sec.	60
~90 sec.	50
~100 sec.	43
~110 sec.	37
~120 sec.	33
~130 sec.	30
~140 sec.	26
~150 sec.	23
~160 sec.	21
~170 sec.	19
~180 sec.	17
~210sec.	44
~240sec.	34
~270sec.	28
~300sec.	23
~330sec.	20
~360sec.	17
~420sec.	28
~480sec.	22
~540sec.	18
~600sec.	15
600 sec.~	185
Total	1,823

(Million calls)



Note: Compiled from data on outgoing calls from PHS only.

2-2-4-3 Situation of Calls by Prefecture

2-2-4-3-1 Ranking of Number of Outgoing and Incoming Calls by Prefecture (FY2007)

(Thousand calls)

Ranking	Outgoing			Incoming		
	Pref.	No. of Outgoing	Ratio (%)	Pref.	No. of Incoming	Ratio (%)
1	Wakayama	260,513	14.3	Tokyo	421,834	23.1
2	Tokyo	210,856	11.6	Osaka	224,110	12.3
3	Kagawa	183,079	10.0	Kanagawa	201,874	11.1
4	Tottori	119,423	6.6	Aichi	109,749	6.0
5	Osaka	97,223	5.3	Saitama	100,552	5.5
6	Yamaguchi	87,676	4.8	Chiba	79,056	4.3
7	Kanagawa	81,058	4.4	Hyogo	64,739	3.6
8	Nara	71,668	3.9	Fukuoka	61,030	3.3
9	Ehime	56,935	3.1	Hokkaido	54,543	3.0
10	Kyoto	47,155	2.6	Miyagi	50,108	2.7
11	Aichi	45,945	2.5	Kyoto	46,073	2.5
12	Fukuoka	45,162	2.5	Shizuoka	31,447	1.7
13	Saitama	41,841	2.3	Hiroshima	29,716	1.6
14	Hyogo	37,716	2.1	Okinawa	29,347	1.6
15	Oita	36,375	2.0	Okayama	20,383	1.1
16	Okinawa	34,562	1.9	Fukushima	17,706	1.0
17	Chiba	33,062	1.8	Ibaraki	16,593	0.9
18	Hiroshima	30,056	1.6	Gifu	14,653	0.8
19	Mie	30,022	1.6	Niigata	13,768	0.8
20	Hokkaido	29,286	1.6	Shiga	13,584	0.7
21	Miyagi	23,587	1.3	Nara	13,220	0.7
22	Saga	21,479	1.2	Yamagata	13,113	0.7
23	Tokushima	18,762	1.0	Tochigi	12,406	0.7
24	Okayama	13,855	0.8	Gunma	11,912	0.7
25	Shizuoka	13,732	0.8	Ehime	11,854	0.7
26	Kumamoto	13,174	0.7	Mie	11,535	0.6
27	Shiga	12,594	0.7	Ishikawa	11,474	0.6
28	Miyazaki	11,814	0.6	Nagano	11,439	0.6
29	Kagoshima	11,551	0.6	Kumamoto	10,681	0.6
30	Nagasaki	10,240	0.6	Kagoshima	10,640	0.6
31	Shimane	9,615	0.5	Kagawa	10,488	0.6
32	Fukushima	8,786	0.5	Yamaguchi	9,187	0.5
33	Kochi	7,496	0.4	Iwate	8,449	0.5
34	Ibaraki	7,466	0.4	Aomori	8,035	0.4
35	Yamagata	6,141	0.3	Akita	7,139	0.4
36	Ishikawa	6,045	0.3	Nagasaki	7,131	0.4
37	Niigata	5,991	0.3	Oita	6,960	0.4
38	Tochigi	5,857	0.3	Yamanashi	6,786	0.4
39	Gunma	5,450	0.3	Toyama	5,775	0.3
40	Gifu	5,440	0.3	Wakayama	5,544	0.3
41	Nagano	5,048	0.3	Miyazaki	5,284	0.3
42	Aomori	4,180	0.2	Tokushima	4,798	0.3
43	Iwate	4,093	0.2	Kochi	4,708	0.3
44	Akita	3,040	0.2	Fukui	4,114	0.2
45	Toyama	2,905	0.2	Saga	3,666	0.2
46	Yamanashi	2,590	0.1	Shimane	2,712	0.1
47	Fukui	2,006	0.1	Tottori	2,634	0.1
	Total	1,822,552	100.0	Total	1,822,552	100.0

Note: Compiled from data on outgoing from PHS only.

2-2-4-3-2 Main Destination Prefectures by Originating Prefecture (FY2007)

Outgoing	Total number of outgoing calls (thousand)	Incoming									
		1		2		3		4		5	
		Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)
Hokkaido	29,286	Hokkaido	92.8	Tokyo	3.2	Kanagawa	1.6	Osaka	0.4	Miyagi	0.3
Aomori	4,180	Aomori	84.4	Tokyo	3.7	Miyagi	3.0	Iwate	1.9	Chiba	0.9
Iwate	4,093	Iwate	80.0	Tokyo	5.8	Miyagi	5.0	Aomori	1.6	Kanagawa	1.4
Miyagi	23,587	Miyagi	87.0	Tokyo	3.8	Kanagawa	1.5	Fukushima	1.4	Iwate	1.1
Akita	3,040	Akita	83.4	Tokyo	3.9	Miyagi	3.1	Iwate	1.6	Kanagawa	1.6
Yamagata	6,141	Yamagata	85.1	Miyagi	5.0	Tokyo	3.4	Kanagawa	0.9	Fukushima	0.9
Fukushima	8,786	Fukushima	81.2	Tokyo	5.5	Miyagi	4.0	Kanagawa	2.1	Ibaraki	0.9
Ibaraki	7,466	Ibaraki	62.9	Kanagawa	12.1	Tokyo	10.5	Chiba	3.9	Saitama	2.8
Ibaraki	5,857	Tochigi	64.8	Kanagawa	9.6	Tokyo	9.4	Saitama	3.1	Gunma	2.5
Gunma	5,450	Gunma	63.3	Kanagawa	10.5	Tokyo	9.7	Saitama	5.7	Tochigi	2.3
Saitama	41,841	Saitama	68.1	Tokyo	17.7	Kanagawa	6.0	Chiba	1.9	Shizuoka	0.8
Chiba	33,062	Chiba	70.1	Tokyo	16.1	Kanagawa	5.9	Saitama	2.2	Ibaraki	1.1
Tokyo	210,856	Tokyo	81.2	Kanagawa	6.2	Saitama	3.4	Chiba	2.6	Osaka	1.0
Kanagawa	81,058	Kanagawa	77.5	Tokyo	15.4	Chiba	1.1	Saitama	1.0	Shizuoka	0.9
Niigata	5,991	Niigata	84.6	Tokyo	6.4	Kanagawa	1.1	Saitama	0.9	Nagano	0.9
Toyama	2,905	Toyama	81.1	Tokyo	4.5	Ishikawa	4.4	Aichi	2.1	Osaka	1.6
Ishikawa	6,045	Ishikawa	85.6	Tokyo	3.1	Toyama	2.6	Osaka	1.5	Aichi	1.5
Fukui	2,006	Fukui	80.9	Ishikawa	3.6	Tokyo	3.1	Osaka	3.0	Aichi	2.2
Yamanashi	2,590	Yamanashi	69.4	Kanagawa	10.6	Tokyo	10.3	Nagano	2.4	Saitama	1.2
Nagano	5,048	Nagano	78.9	Tokyo	7.8	Aichi	2.3	Kanagawa	1.9	Saitama	1.2
Gifu	5,440	Gifu	72.2	Aichi	14.9	Tokyo	4.1	Osaka	2.2	Kanagawa	1.3
Shizuoka	13,732	Shizuoka	75.2	Kanagawa	9.6	Tokyo	6.1	Aichi	3.8	Osaka	1.2
Aichi	45,945	Aichi	83.9	Tokyo	4.2	Gifu	2.2	Kanagawa	2.2	Osaka	1.9
Mie	30,022	Hokkaido	68.0	Mie	11.5	Tokyo	5.5	Aichi	2.5	Kanagawa	2.1
Shiga	12,594	Shiga	22.7	Iwate	22.0	Aomori	20.1	Tokyo	6.2	Miyagi	5.7
Kyoto	47,155	Miyagi	44.9	Kyoto	25.4	Akita	6.4	Osaka	4.4	Tokyo	4.4
Osaka	97,223	Osaka	66.9	Fukushima	6.7	Yamagata	5.6	Hyogo	4.9	Tokyo	4.0
Hyogo	37,716	Hyogo	42.5	Ibaraki	13.0	Tochigi	10.9	Osaka	8.7	Tokyo	7.3
Nara	71,668	Saitama	53.0	Tokyo	17.4	Gunma	6.3	Nara	4.1	Kanagawa	4.0
Wakayama	260,513	Tokyo	59.0	Chiba	14.3	Kanagawa	7.4	Saitama	5.6	Osaka	2.4
Tottori	119,423	Kanagawa	66.5	Tokyo	14.0	Niigata	4.5	Saitama	2.4	Chiba	2.0
Shimane	9,615	Ishikawa	40.7	Toyama	19.3	Shimane	9.8	Tokyo	5.1	Osaka	3.8
Okayama	13,855	Okayama	44.8	Yamanashi	19.3	Fukui	8.0	Tokyo	6.7	Osaka	3.2
Hiroshima	30,056	Hiroshima	43.6	Gifu	17.5	Nagano	10.9	Aichi	7.0	Tokyo	5.1
Yamaguchi	87,676	Aichi	59.8	Shizuoka	14.6	Tokyo	4.4	Yamaguchi	4.2	Kanagawa	2.3
Tokushima	18,762	Shiga	29.6	Mie	21.7	Tokushima	10.6	Osaka	8.1	Kyoto	6.8
Kagawa	183,079	Osaka	64.6	Kyoto	13.2	Hyogo	4.1	Kagawa	3.5	Tokyo	3.2
Ehime	56,935	Hyogo	51.1	Osaka	15.7	Ehime	9.5	Nara	8.7	Tokyo	2.8
Kochi	7,496	Kochi	31.1	Wakayama	25.4	Osaka	13.3	Tottori	8.8	Tokyo	3.6
Fukuoka	45,162	Fukuoka	59.3	Okayama	21.5	Tokyo	2.9	Osaka	2.4	Shimane	1.8
Saga	21,479	Hiroshima	47.5	Yamaguchi	15.5	Saga	7.0	Fukuoka	4.5	Tokyo	4.2
Nagasaki	10,240	Nagasaki	32.0	Kagawa	21.8	Tokushima	15.4	Osaka	5.4	Tokyo	4.0
Kumamoto	13,174	Kumamoto	32.5	Ehime	30.7	Kochi	10.5	Fukuoka	3.6	Tokyo	3.6
Oita	36,375	Fukuoka	60.9	Oita	10.0	Tokyo	4.9	Saga	3.1	Osaka	2.8
Miyazaki	11,814	Kumamoto	30.5	Miyazaki	20.0	Nagasaki	16.0	Fukuoka	10.7	Tokyo	4.4
Kagoshima	11,551	Kagoshima	44.2	Oita	15.5	Miyazaki	12.7	Fukuoka	8.4	Tokyo	3.7
Okinawa	34,562	Okinawa	76.3	Kagoshima	8.8	Tokyo	3.1	Fukuoka	2.2	Kanagawa	1.7

Note: Compiled from data on outgoing from PHS only.

2-2-4-3-3 Main Originating Prefectures by Destination Prefecture (FY2007)

Incoming	Total number of Incoming calls (thousand)	Outgoing									
		1		2		3		4		5	
		Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)	Pref.	Ratio (%)
Hokkaido	54,543	Hokkaido	49.8	Mie	37.5	Wakayama	3.6	Tottori	1.3	Tokyo	1.2
Aomori	8,035	Aomori	43.9	Shiga	31.4	Wakayama	4.8	Kyoto	4.5	Tottori	1.9
Iwate	8,449	Iwate	38.7	Shiga	32.9	Kyoto	6.2	Wakayama	4.6	Miyagi	3.1
Miyagi	50,108	Kyoto	42.2	Miyagi	40.9	Wakayama	3.1	Osaka	2.6	Shiga	1.4
Akita	7,139	Kyoto	42.1	Akita	35.5	Wakayama	4.8	Shiga	2.1	Tottori	2.0
Yamagata	13,113	Osaka	41.2	Yamagata	39.9	Kyoto	4.4	Wakayama	3.2	Miyagi	1.9
Fukushima	17,706	Fukushima	40.3	Osaka	37.0	Wakayama	4.3	Kyoto	4.0	Tokyo	1.9
Ibaraki	16,593	Hyogo	29.6	Ibaraki	28.3	Wakayama	12.9	Tokyo	6.1	Nara	4.2
Tochigi	12,406	Hyogo	33.1	Tochigi	30.6	Wakayama	7.9	Nara	6.3	Tokyo	4.2
Gunma	11,912	Nara	38.0	Gunma	29.0	Wakayama	7.7	Tokyo	4.5	Hyogo	3.2
Saitama	100,552	Nara	37.7	Saitama	28.4	Wakayama	14.4	Tokyo	7.2	Tottori	2.8
Chiba	79,056	Wakayama	47.2	Chiba	29.3	Tokyo	6.8	Tottori	3.0	Nara	2.9
Tokyo	421,834	Tokyo	40.6	Wakayama	36.4	Tottori	4.0	Nara	3.0	Kanagawa	3.0
Kanagawa	201,874	Tottori	39.3	Kanagawa	31.1	Wakayama	9.6	Tokyo	6.5	Nara	1.4
Niigata	13,768	Tottori	38.9	Niigata	36.8	Wakayama	6.1	Tokyo	2.9	Nara	2.3
Toyama	5,775	Toyama	40.8	Shimane	32.2	Wakayama	4.0	Kagawa	2.7	Ishikawa	2.7
Ishikawa	11,474	Ishikawa	45.1	Shimane	34.1	Wakayama	2.7	Kagawa	2.7	Yamaguchi	1.8
Fukui	4,114	Fukui	39.4	Okayama	27.0	Kagawa	5.2	Shimane	3.9	Wakayama	3.6
Yamanashi	6,786	Okayama	39.3	Yamanashi	26.5	Wakayama	10.2	Tokyo	4.8	Tottori	3.9
Nagano	11,439	Nagano	34.8	Hiroshima	28.7	Wakayama	7.0	Tokyo	3.8	Tottori	3.2
Gifu	14,653	Hiroshima	35.8	Gifu	26.8	Yamaguchi	13.3	Aichi	7.0	Wakayama	3.6
Shizuoka	31,447	Yamaguchi	40.8	Shizuoka	32.8	Wakayama	4.8	Tottori	3.1	Tokyo	2.9
Aichi	109,749	Yamaguchi	47.8	Aichi	35.1	Wakayama	2.6	Hiroshima	1.9	Kagawa	1.8
Mie	11,535	Tokushima	35.3	Mie	29.8	Yamaguchi	9.6	Aichi	4.6	Kagawa	4.4
Shiga	13,584	Tokushima	40.9	Shiga	21.1	Kagawa	15.6	Kyoto	3.8	Osaka	3.3
Kyoto	46,073	Kagawa	52.4	Kyoto	26.0	Osaka	3.5	Tokushima	2.8	Ehime	2.7
Osaka	224,110	Kagawa	52.8	Osaka	29.0	Ehime	4.0	Wakayama	2.7	Hyogo	1.5
Hyogo	64,739	Ehime	45.0	Hyogo	24.8	Kagawa	11.6	Osaka	7.4	Wakayama	2.3
Nara	13,220	Ehime	37.3	Nara	22.1	Kagawa	20.2	Osaka	7.3	Wakayama	2.4
Wakayama	5,544	Kochi	34.4	Wakayama	29.6	Kagawa	14.7	Osaka	7.4	Ehime	2.9
Tottori	2,634	Tottori	36.6	Kochi	24.9	Kagawa	6.9	Fukuoka	5.6	Wakayama	3.5
Shimane	2,712	Shimane	34.7	Fukuoka	29.9	Saga	5.4	Kagawa	4.8	Tottori	3.7
Okayama	20,383	Fukuoka	47.6	Okayama	30.4	Kagawa	3.5	Saga	2.8	Wakayama	2.2
Hiroshima	29,716	Hiroshima	44.1	Saga	34.3	Kagawa	2.8	Wakayama	2.7	Fukuoka	2.5
Yamaguchi	9,187	Yamaguchi	40.3	Saga	36.2	Oita	4.4	Wakayama	2.9	Fukuoka	2.8
Tokushima	4,798	Tokushima	41.3	Nagasaki	32.9	Kagawa	6.3	Wakayama	2.8	Ehime	2.6
Kagawa	10,488	Kagawa	61.2	Nagasaki	21.3	Kumamoto	2.6	Wakayama	2.3	Ehime	2.2
Ehime	11,854	Ehime	45.6	Kumamoto	34.1	Kagawa	4.1	Wakayama	2.6	Nagasaki	2.0
Kochi	4,708	Kochi	49.6	Kumamoto	29.5	Kagawa	3.7	Wakayama	2.8	Nagasaki	2.4
Fukuoka	61,030	Fukuoka	43.9	Oita	36.3	Wakayama	3.1	Miyazaki	2.1	Kagawa	1.8
Saga	3,666	Saga	41.0	Oita	31.1	Fukuoka	9.3	Miyazaki	2.8	Wakayama	2.4
Nagasaki	7,131	Nagasaki	46.0	Miyazaki	26.5	Oita	7.2	Wakayama	3.5	Fukuoka	3.0
Kumamoto	10,681	Kumamoto	40.1	Miyazaki	33.8	Oita	6.3	Wakayama	3.0	Fukuoka	2.9
Oita	6,960	Oita	52.2	Kagoshima	25.7	Fukuoka	3.7	Wakayama	3.0	Kagawa	2.2
Miyazaki	5,284	Miyazaki	44.7	Kagoshima	27.9	Oita	4.9	Wakayama	3.8	Okinawa	2.8
Kagoshima	10,640	Kagoshima	48.0	Okinawa	28.5	Oita	3.6	Wakayama	3.2	Miyazaki	2.6
Okinawa	29,347	Okinawa	89.9	Wakayama	2.2	Kagawa	0.9	Tokyo	0.8	Tottori	0.8

Note: Compiled from data on outgoing calls from PHS only.

2-2-5 Traffic of International Telephone Services

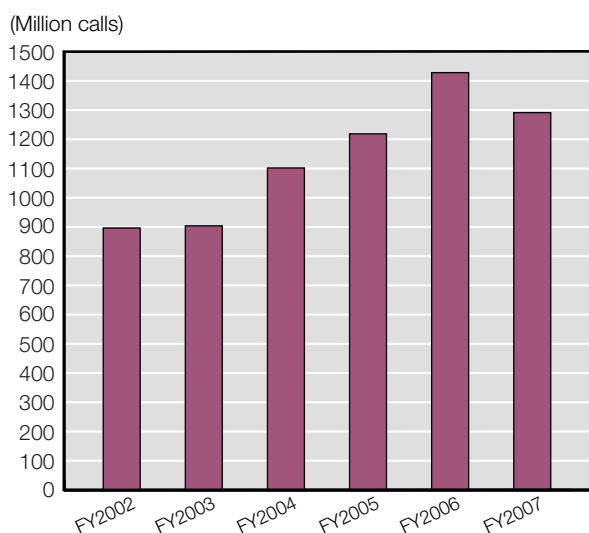
2-2-5-1 Number and Duration of International Telephone Calls

(Million calls, Million minutes)

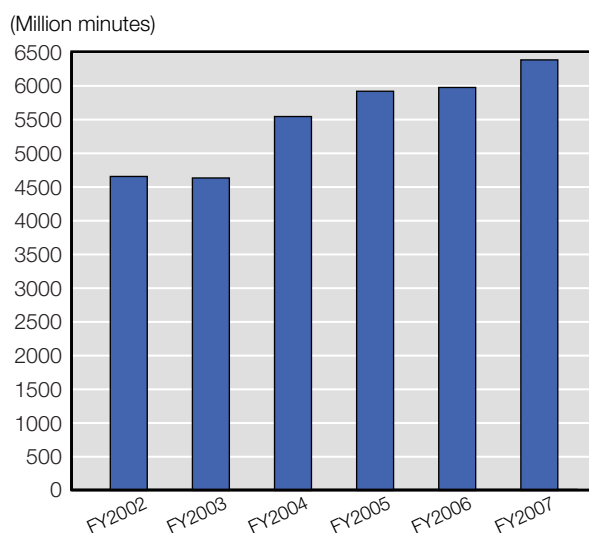
Category		FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Number of Calls	Outgoing	498.5	491.7	627.1	716.4	734.8	739.6
	Incoming	399.9	413.9	476.7	504.0	695.2	553.5
	Total	898.4	905.6	1,103.7	1,220.4	1,430.0	1,293.1
Duration of calls	Outgoing	2,611.2	2,668.2	3,424.7	3,841.5	3,952.1	4,287.5
	Incoming	2,045.7	1,966.1	2,121.0	2,079.2	2,024.5	2,098.2
	Total	4,656.9	4,634.4	5,545.7	5,920.7	5,976.6	6,385.7

Note: Compiled from published data of Ministry of Internal Affairs and Communications.

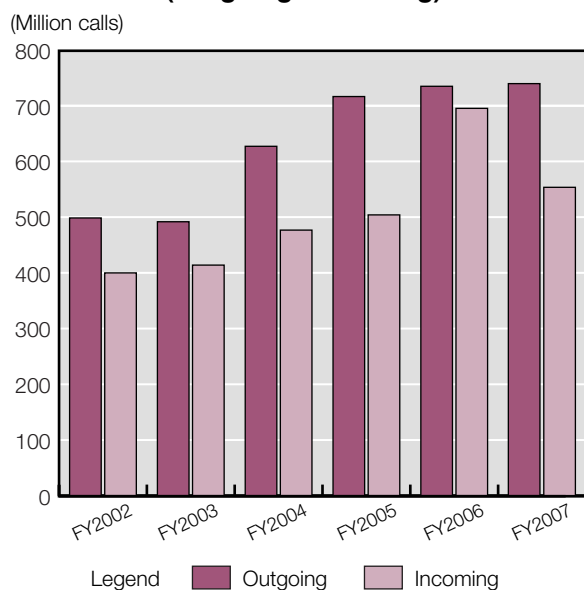
Trends in Number of Calls (Terminal Total)



Trends in Duration of Calls (Terminal Total)

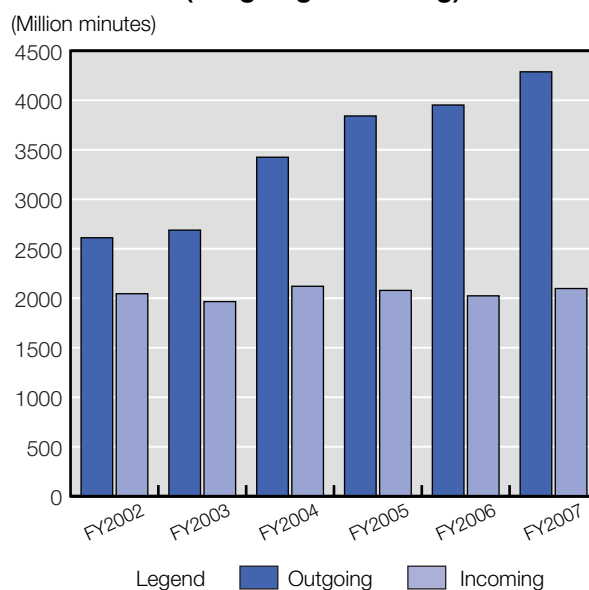


Trends in Number of Calls (Outgoing / Incoming)



Legend: Outgoing (dark red), Incoming (light red)

Trends in Duration of Calls (Outgoing / Incoming)



Legend: Outgoing (dark blue), Incoming (light blue)

2-2-5-2 Duration of International Calls by Main Country

2-2-5-2-1 Trends in Share of Outgoing Call Duration by Country

Ranking	FY2002		FY2003		FY2004		FY2005		FY2006		FY2007	
1	U.S.A. (mainland)	21.3%	U.S.A. (mainland)	21.8%	U.S.A. (mainland)	23.0%	U.S.A. (mainland)	20.7%	China	21.6%	China	21.9%
2	China	15.9%	China	14.5%	Philippines	17.8%	China	18.6%	U.S.A. (mainland)	18.9%	Philippines	19.0%
3	Philippines	15.0%	Philippines	14.3%	China	15.0%	Philippines	16.7%	Philippines	15.6%	U.S.A. (mainland)	13.8%
4	Korea	7.2%	Brazil	6.9%	Brazil	5.8%	Korea	6.3%	Korea	6.3%	Korea	6.7%
5	Brazil	6.4%	Korea	6.6%	Korea	5.6%	Brazil	5.4%	Brazil	5.0%	Hong Kong	5.3%
6	Thailand	3.6%	Thailand	3.9%	Thailand	3.4%	Hong Kong	3.2%	Hong Kong	4.8%	Brazil	4.3%
7	Taiwan	3.5%	Taiwan	3.6%	Hong Kong	3.2%	Thailand	3.0%	Taiwan	2.7%	Thailand	2.8%
8	U.K.	2.3%	U.K.	2.3%	Taiwan	2.5%	Taiwan	2.9%	Thailand	2.7%	Taiwan	2.5%
9	Hong Kong	2.2%	Indonesia	2.1%	Indonesia	2.2%	Indonesia	2.2%	Indonesia	2.4%	Indonesia	2.4%
10	Indonesia	1.8%	Hong Kong	2.0%	U.K.	2.2%	Australia	1.6%	U.K.	1.6%	Bangladesh	1.9%

2-2-5-2-2 Trends in Share of Incoming Call Duration by Country

Ranking	FY2002		FY2003		FY2004		FY2005		FY2006		FY2007	
1	U.S.A. (mainland)	29.5%	U.S.A. (mainland)	34.0%	U.S.A. (mainland)	36.1%	U.S.A. (mainland)	32.3%	U.S.A. (mainland)	33.1%	U.S.A. (mainland)	24.3%
2	Korea	11.4%	Korea	11.1%	Korea	9.3%	China	11.2%	China	12.7%	China	14.9%
3	China	8.5%	U.K.	8.3%	China	9.2%	Korea	10.2%	Korea	9.9%	Korea	11.0%
4	U.K.	6.3%	China	8.0%	Hong Kong	7.1%	Hong Kong	6.5%	Hong Kong	7.0%	U.K.	5.8%
5	Taiwan	4.8%	Taiwan	5.0%	U.K.	5.7%	U.K.	5.2%	Taiwan	5.3%	Hong Kong	5.4%
6	Hong Kong	4.5%	Australia	4.3%	Taiwan	4.2%	Taiwan	4.8%	U.K.	4.7%	Taiwan	5.4%
7	Georgia	3.6%	Hong Kong	3.8%	Australia	4.2%	Philippines	3.8%	Philippines	3.2%	Thailand	3.2%
8	Australia	3.5%	Philippines	3.1%	Singapore	3.9%	Australia	2.9%	Thailand	3.2%	Malaysia	3.0%
9	Philippines	2.9%	Singapore	2.9%	Philippines	3.2%	Thailand	2.9%	Australia	2.4%	Philippines	2.8%
10	Singapore	2.7%	Malaysia	2.5%	Thailand	2.8%	Singapore	2.8%	Singapore	2.3%	Singapore	2.4%

2-2-5-2-3 Outgoing and Incoming Call Duration by Country (FY2007)

Country (descending order according to outgoing duration)	Outgoing from Japan					Incoming to Japan					Outgoing : Incoming		
	Ranking in outgoing		Volume of outgoing (Thousand minutes)	Increase or decrease ratio over previous year (%)	Share (%)	Accumu- lated share (%)	Ranking in incoming		Volume of incoming (Thousand minutes)	Increase or decrease ratio over previous year (%)		Share (%)	Accumu- lated share (%)
China	1	(1)	938,667,439	10.03	21.89	21.89	2	(2)	313,146,883	21.38	14.92	14.92	75 : 25
Philippines	2	(3)	815,821,215	32.76	19.03	40.92	9	(7)	58,538,900	-9.72	2.79	17.71	93 : 7
U.S.A. (mainland)	3	(2)	592,675,993	-20.78	13.82	54.74	1	(1)	510,214,753	97.77	24.32	42.03	54 : 46
Korea	4	(4)	288,042,115	16.16	6.72	61.46	3	(3)	231,249,907	15.58	11.02	53.05	55 : 45
Hong Kong	5	(6)	228,667,029	21.82	5.33	66.80	5	(4)	113,613,161	-20.04	5.41	58.47	67 : 33
Brazil	6	(5)	183,049,096	-7.10	4.27	71.07	21	(16)	14,020,375	-13.69	0.67	59.13	93 : 7
Thailand	7	(8)	120,887,765	15.08	2.82	73.89	7	(8)	66,285,506	3.93	3.16	62.29	65 : 35
Taiwan	8	(7)	106,049,662	-0.79	2.47	76.36	6	(5)	112,988,681	4.65	5.38	67.68	48 : 52
Indonesia	9	(9)	104,164,338	9.29	2.43	78.79	18	(17)	19,995,449	26.01	0.95	68.63	84 : 16
Bangladesh	10	(13)	81,792,607	106.96	1.91	80.70	57	(49)	732,314	-33.19	0.03	68.67	99 : 1
U.K	11	(10)	62,365,824	1.37	1.45	82.15	4	(6)	121,336,937	28.72	5.78	74.45	34 : 66
Vietnam	12	(14)	57,546,071	55.81	1.34	83.49	26	(23)	9,052,754	22.81	0.43	74.88	86 : 14
Australia	13	(11)	46,573,812	-8.29	1.09	84.58	11	(9)	39,149,709	-18.31	1.87	76.75	54 : 46
Singapore	14	(12)	46,499,447	-0.35	1.08	85.66	10	(10)	50,494,689	7.21	2.41	79.15	48 : 52
Sri Lanka	15	(20)	35,638,265	17.15	0.83	86.49	29	(25)	6,016,944	26.63	0.29	79.44	86 : 14
India	16	(23)	34,148,198	58.72	0.80	87.29	23	(28)	13,583,100	193.66	0.65	80.09	72 : 28
Germany	17	(15)	34,022,871	-6.24	0.79	88.08	14	(15)	35,820,146	53.61	1.71	81.79	49 : 51
Malaysia	18	(16)	33,689,853	-3.44	0.79	88.87	8	(11)	63,235,647	50.69	3.01	84.81	35 : 65
Russia	19	(17)	33,606,033	2.36	0.78	89.65	22	(24)	13,848,248	98.33	0.66	85.47	71 : 29
Canada	20	(21)	31,868,967	5.09	0.74	90.40	15	(13)	32,278,417	-0.44	1.54	87.01	50 : 50
Macau	21	(22)	30,780,828	2.61	0.72	91.12	12	(12)	38,643,161	5.96	1.84	88.85	44 : 56
Pakistan	22	(24)	30,231,386	74.00	0.71	91.82	40	(42)	2,512,413	69.20	0.12	88.97	92 : 8
France	23	(18)	29,591,552	-6.85	0.69	92.51	13	(14)	36,888,656	32.49	1.76	90.73	45 : 55
Cameroon	24	(46)	20,572,350	413.48	0.48	92.99	170	(178)	30,555	11316.74	0.00	90.73	100 : 0
Peru	25	(25)	17,694,032	5.91	0.41	93.40	28	(29)	7,736,321	122.00	0.37	91.10	70 : 30
UAE	26	(38)	17,418,769	150.81	0.41	93.81	30	(26)	5,814,591	22.75	0.28	91.37	75 : 25
Italy	27	(27)	16,894,046	18.75	0.39	94.20	27	(22)	8,777,906	17.38	0.42	0.92	66 : 34
Nepal	28	(36)	14,754,369	107.84	0.34	94.55	105	(75)	118,944	-5.05	0.01	91.80	99 : 1
Myanmar	29	(28)	14,325,628	7.90	0.33	94.88	76	(74)	317,407	141.17	0.02	91.81	98 : 2
Hawaii (U.S.A.)	30	(26)	13,526,655	-6.67	0.32	95.20	37	(51)	2,763,950	267.48	0.13	91.94	83 : 17
Total of other countries			205,907,095		4.80	100.00			169,032,040		8.06	100.00	55 : 45
Total of all countries			4,287,473,312						2,098,238,462				67 : 33

* Figures in parentheses of "Ranking in outgoing" and "Ranking in incoming" columns show ranking in previous year.

2-3 Movements of Services and Charges

2-3-1 Fixed Telephone

2-3-1-1 Past of Rates

2-3-1-1-1 Past of Telephone Rates of NTT

1985	A three-minute call to the longest distance zone covering over 320km cost ¥400.
July 1986	First reduction of rates after NTT privatization was implemented. The Saturday discount was introduced, which applied, as was the case with holidays and nighttime, 40% discount from the normal rates for weekdays.
February 1988	NTT reduced the longest distance rate for weekday daytime calls to a level of ¥360 for 3 minutes.
February 1989	NTT reduced the longest distance rate for weekday daytime calls to a level of ¥330 for 3 minutes. It also cut rates for calls to the adjacent distance zone and areas within a radius of 20km from a level of ¥30 to ¥20 for 3 minutes (First reduction for short-distance calls since 1972).
March 1990	NTT reduced the longest distance rate for weekday daytime calls to a level of ¥280 for 3 minutes. It also introduced late-night discounts for local, short- and middle-distance calls.
March 1991	Distance segments covering over 160km were consolidated into a single longest distance zone, and the longest distance rate for weekday daytime calls was reduced to a level of ¥240 for 3 minutes. NTT also reduced rates for weekday daytime calls to areas within 20-30km radiuses to a level of ¥40 for 3 minutes. Late-night discount time period was extended by two hours to cover from 11 p.m. to 8 a.m. in the next morning.
June 1992	NTT reduced the longest distance rate for weekday daytime calls to a level of ¥200 for 3 minutes.
October 1993	NTT streamlined the distance segments covering 30-100km to two from four steps, and reduced rates for portions exceeding 30km by ¥10-60. The longest distance rate for weekday daytime calls was reduced to a level of ¥180 for 3 minutes.
March 1996	The rate for longest distance calls was lowered to ¥140 per 3 minutes in the daytime on weekdays.
February 1997	The rate for long-distance calls over 100 km was lowered to ¥110 per 3 minutes in the daytime on weekdays.
February 1998	Distances of over 100km were incorporated into the longest distance rate zone, and the longest distance rate for weekday daytime calls was reduced to a level of ¥90 for 3 minutes.
July 1999	With the reorganization of NTT, NTT East and NTT West took charge of intra-prefecture calls, and NTT Communications took inter-prefectures calls.
October 2000	NTT East and West lowered the toll call rate over 20 km in distance. The rate per 3 minutes in the daytime on weekdays was lowered to ¥30 for 20 to 60 km, and to ¥40 for over 60 km.
January 2001	NTT East reduced the local call rates to ¥9 per 3 minutes.
May 2001	NTT East and West lowered the local call rate to ¥8.5 per 3 minutes both in the daytime and at night.

2-3-1-1-2 Past of Rates of Long Distance and International NCCs

September 1987	Three new long distance carriers started services. DDI CORPORATION, JAPAN TELECOM CO., LTD. and Teleway Japan Corporation started services. They offer charges about 25% below those of NTT. A 3-minute weekday daytime call to the longest distance zone of 340km cost ¥300 (in the case of NTT-established local portion charge being ¥20).
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February 1988	These NCCs reduced evening and late-night rates, and introduced evening discounts into short-distance rates.
February 1989	Rates applicable to all the distance zones were reduced, bringing the longest distance rate for weekday daytime calls down to a level of ¥280 for 3 minutes.
March 1990	The longest distance rate for weekday daytime calls was reduced to a level of ¥240 for 3 minutes. Rates for calls to all the distance zones for evening, Saturdays, Sundays and holidays were reduced.
March 1991	Distance zones covering over 170km were consolidated into the longest distance zone, and the longest distance rate for weekday daytime calls was reduced to a level of ¥200 for 3 minutes. Evening, Saturday, Sunday, and holiday rates were also reduced.
April 1992	The longest distance rate for weekday daytime calls was reduced to a level of ¥180 for 3 minutes.
November 1993	In response to the introduction of the end-to-end charging (that was established by NCCs on an end-to-end basis for the entirety from the calling party through the called party including the local portion) in place of the add-on charging so far applied (total of the charge for trunk portion established by NCCs, and the charge for local portion established by NTT), an overall reduction of rates was implemented. As a result, the longest distance rate for weekday daytime calls was reduced to a level of ¥170 for 3 minutes. The late-night discount time zone (from 11 p.m. to 8 a.m. in the next morning) was established, and the distance zones covering from 60km up to 100km were combined from two to one.
April 1994	The charge for the end portion provided by NTT was changed from the user charge to the cost-based inter-carriers settlement charge (access charge).
March 1996	In response to the reduction of the inter-carrier settlement charges paid by NCCs to NTT relating to the local portion provided by NTT (so-called "access charge"), the longest distance (over 170km) rate for weekday daytime calls was reduced to a level of ¥130 for 3 minutes from ¥170. In addition, the distance zone for short-distance calls, which had been set up in terms of "up to 60km" was divided into two zones, "up to 30km" and "over 30km up to 60km", and the rate-cut was made for "up to 30km" weekday daytime calls, and "up to 30km" and "over 30km up to 60km" late-night and early morning calls.
February 1997	The longest distance rate for weekday daytime calls was reduced to a level of ¥100 for 3 minutes.
February 1998	The longest distance rate for weekday daytime calls was reduced to a level of ¥90 for 3 minutes (The reduction brought NCCs' rates to the same level as NTT's). The distance zones for the adjacent zone and the inside radius of 20km were established.
July 1998	KDD made a full-scaled inroad into domestic telephone markets, setting the longest distance rate for weekday daytime calls at a level of ¥69 for 3 minutes.
April 2000	Daytime and evening rates, etc to 20 - 30km and 30 - 60km distance zones were reduced NTT Communications reduced daytime and evening rates for calls to 30 - 60km and 60 - 100km distance zones, and evening and midnight rates for 60 - 100km and over 100km distance zones.
October 2000	KDD, DDI and IDO merged into KDDI. New Intra-prefecture rates were established at a level of ¥40 for 3-minute weekday daytime call to the 60km or longer distance zone.
December 2000	C&W IDC fully entered the local domestic telephone market, and started the service setting, at a level of ¥45, its remotest distance rate applicable to 3-minute calls of 100km or longer distances for all day.
March 2001	The rate to the remotest distance zone was reduced to a level of ¥80 for 3-minute weekday daytime call, and the rate applicable to the 60-100km distance zone to a level of ¥60 for 3-minute weekday daytime call.

NTT Communications reduced rates applicable to the 20 - 30km distance zone for all day, the 30 - 60km distance zone during evening and midnight, the 60 - 100km distance zone during midnight, and the more than 100km distance zone during daytime and midnight.

- April 2001 Fusion Communications started IP telephone service, establishing its rate at ¥20 for 3-minute irrespective of distance throughout Japan.
- May 2001 NTT Communications entered the local call market in Tokyo, Aichi, and Osaka. The rate is ¥8.5 per 3 minutes.
KDDI and Japan Telecom entered the local call market. Their local call rate is ¥8.5 for 3-minute weekday daytime call.
- December 2004 Japan Telecom started "OTOKU Line" fixed telephone service.
- February 2005 KDDI started "Metal Plus" telephone service.
- June 2006 Japan Telecom Co. Ltd. took over telecommunications business from Heisei Denden Corp. and Heisei Denden Communications Corp.
- October 2006 Japan Telecom Co. Ltd. changed its company name to SoftBank Telecom Corp.

(Reference) Carriers Participating in MYLINE

(As of September 1, 2009)

Carrier	Call Category	ID number of telephone company	Local	Intra-pref long distance	Outside of Prefecture	International	Registration available in
NTT East		0036	○	○			Eastern Japan
NTT West		0039	○	○			Western Japan
NTT Communications		0033	○	○	○	○	Nationwide
KDDI		0077 001 (International call)	○	○	○	○	Nationwide
SOFTBANK TELECOM		0088 0061 (International call)	○	○	○	○	Nationwide
Fusion Communications		0038	○	○	○	○	Nationwide
		0081 0082 (International call)	○	○	○	○	Kanto region
Kyushu Telecommunication Network		0086	○	○	○		Kyushu
Verizon Japan		0071				○	Nationwide
T-Systems Japan		0080				○	Nationwide
UCOM		0060	○	○	○	○	Tokyo and 17 prefectures
NTT Plala		009191		○	○	○	Nationwide

2-3-1-1-3 Past of Rates of Regional and Cable TV Operators

- May 1988 Tokyo Telecommunication Network Company Inc. (called TNet hereafter, later reformed to the present Poweredcom), a regional common carrier, started direct subscriber telephone service.
- June 1997 Cable TV operator, TITUS COMMUNICATIONS CORPORATION, started subscriber telephone services. For call billing the Hudson charging method in units of 20 seconds was introduced.
- July 1997 Suginami Cable TV Co., Ltd. (currently J-COM Tokyo) started subscriber telephone services.
- January 1998 TNet started relay telephone services with the rate of ¥9 for 3 minutes intra-zone calls, and the longest distance rate set at ¥72 for 3 minutes on weekday daytime calls.
- March 1998 TNet reduced the longest distance rate for weekday daytime calls to a level of ¥63 for 3 minutes.
- April 1999 Kyushu Telecommunication Network Co., LTD. started relay telephone services with the rate of ¥9 for 3 minutes intra-zone calls, and the longest distance rate set at ¥70 for 3 minutes on weekday daytime calls.

May 2000	TTNet reduced the rate for 3-minute weekday daytime call to 60 - 100km distance zone from ¥54 to ¥45.
November 2000	QTNNet established new intra-prefecture rate, setting weekday daytime rate for call to a 60km or longer distance zone at a level of ¥27 for 3-minute.
May 2001	TTNet reduced the charges for calls to all the distance zones. The charge applicable to the remotest distance zone was reduced to a level of ¥54 for 3-minute daytime call, ¥36 for 3-minute daytime call to a 60 -100km distance zone, and ¥8.4 for local calls, respectively. QTNNet reduced the rate for intra-zone calls to ¥8.4 for three minutes during the day on weekdays.
April 2003	POWEREDCOM merged with TTNet, and the new company was named POWEREDCOM, Inc.
July 2004	The telephone business of POWEREDCOM is merged with FUSION COMMUNICATIONS CORP.

2-3-1-1-4 Progress of ISDN Service Provision

April 1988	NTT inaugurated ISDN service.
October 1995	Osaka Media Port and Shikoku Information and Telecommunication Network inaugurated ISDN service.
February 1996	NTT started "INS Telehodai", a fixed rate service to selected telephone numbers in the midnight to early morning time zone.
March 1996	HOKKAIDO TELECOMMUNICATION NETWORK and Tohoku Intelligent Telecommunication inaugurated ISDN service.
April 1996	Chubu Telecommunications inaugurated ISDN service.
April 1997	TTNet and QTNNet inaugurated ISDN service.
July 1997	NTT inaugurated ISDN service free of the facilities installation charge, "INS Net 64 Lite".
October 1997	Chugoku Telecommunication Network inaugurated ISDN service.
December 1997	Osaka Media Port started interconnection with NTT.
July 2000	NTT East and NTT West inaugurated fixed rate IP connection service, "FLET'S ISDN".
July 2003	Chugoku Telecommunication Network merged with Chugoku Information System Service and reorganized as Energia Communications.

• Change in NTT's Call Rates (weekday daytime for 3 minutes)

Time of Revision	Number of Distance Zone	Within Zone	Adjacent Zone up to 20km	-30km	-40km	-60km	-80km	-100km	-120km	-160km	-240km	-320km	-500km	-750km	Over 750km
Before Aug. 1983	14	10	30	50	60	90	120	140	180	230	280	360	450	600	720
Aug. 1983	14	10	30	50	60	90	120	140	180	230	280	360	450	520	600
Jul. 1985	12	10	30	50	60	90	120	140	180	230	280	360	400		
Jul. 1986	10	10	30	50	60	90	120	140	180	260	400				
Feb. 1988	10	10	30	50	60	90	120	140	180	260	360				
Feb. 1989	10	10	30	50	60	90	120	140	180	260	330				
Mar. 1990	10	10	30	50	60	90	120	140	180	260	280				
Mar. 1991	10	10	30	40	60	90	120	140	180	240					
Jun. 1992	10	10	30	40	60	90	120	140	180	200					
Oct. 1993	7	10	30	40	50	80	140	180							
Mar. 1996	6	10	30	40	50	80	140								
Feb. 1997	6	10	30	40	50	80	110								
Feb. 1998	6	10	30	40	50	80	90								
(Inter-pref.) NTT Com	Apr. 2000	—	—	20	40	70	90								
	Mar. 2001	—	—	20	40	60	80								
(Intra-pref.) NTT East & West	Oct. 2000	—	10	20	30	40									
	Jan. 2001	—	9*	20	30	40									
May. 2001	—	8.5	20	30	40										

Shadowed columns are revised. *In January 2001 only NTT East reduced the local call rates.

[Discount System by Day of the Week and Time Zone]

Nov. 1980	<ul style="list-style-type: none"> Expansion of evening discount system Establishment of midnight discount system <ul style="list-style-type: none"> 60% discount for calls to more-than-320km zones 9p.m. - 6a.m.
Aug. 1981	<ul style="list-style-type: none"> Establishment of Sunday/Holiday discount system <ul style="list-style-type: none"> 40% discount for Sunday/Holiday daytime calls to more-than-60km zones
Jul. 1986	<ul style="list-style-type: none"> Establishment of Saturday discount system <ul style="list-style-type: none"> 40% discount for Saturday daytime calls to more-than-60km zones
Mar. 1990	<ul style="list-style-type: none"> Expansion of midnight discount system <ul style="list-style-type: none"> 25% discount for intra-zone short distance calls 45% discount for medium- and long-distance calls 11p.m. - 6a.m.
Mar. 1991	<ul style="list-style-type: none"> Expansion of midnight discount system <ul style="list-style-type: none"> 11p.m. - 8a.m.
Oct. 1993	<ul style="list-style-type: none"> Expansion of midnight discount rate <ul style="list-style-type: none"> 50 - 55% discount for medium- and long distance calls
Oct. 2000	<ul style="list-style-type: none"> Expansion of midnight discount system <ul style="list-style-type: none"> 20% discount for calls to 20 - 60km section

2-3-2 Mobile Phone Services

2-3-2-1 Progress of Service Provision and Movements of Carriers

December 1979	NTT Public Corp. inaugurated automobile telephone service in 23 Tokyo Metropolitan wards.
April 1987	NTT inaugurated cellular telephone service.
December 1988	Nippon Idou Tsushin Corp. (IDO) inaugurated mobile services based on the NTT large-capacity system.
July 1989	KANSAI CELLULAR TELEPHONE COMPANY inaugurated mobile services based on the TACS system.
July 1992	NTT split up its mobile communications business division, establishing NTT Mobile Communications Network, Inc. (NTT DoCoMo).
March 1993	NTT DoCoMo inaugurated mobile services based on the 800MHz band PDC system.
July 1993	NTT DoCoMo was regionally divided into 9 regional companies under the one-region-one-company system.
October 1993	NTT DoCoMo abolished the deposit money (¥100,000) system.
April 1994	The mobile terminal COAM (Customer Owned and Maintained) system was introduced. Tokyo Digital Phone Co., Ltd. and TU-KA Phone Kansai Co., Ltd. inaugurated mobile services based on the 1.5GHz band PDC system. NTT DoCoMo inaugurated mobile services based on the 1.5GHz band PDC system in Tokyo Metropolitan 23 wards.
June 1994	IDO inaugurated mobile services based on the TACS system.
January 1996	Digital TU-KA Kyushu Co., Ltd. inaugurated mobile services based on the 1.5GHz band PDC system.
December 1996	The prior notification system of mobile communications rate was started. The new subscription fee was abolished.
March 1997	NTT DoCoMo inaugurated packet communications service, "DoPa."
July 1998	DDI Cellular Group started "cdmaOne" service in Kansai, Kyushu and Okinawa.
October 1998	TU-KA Phone Kansai Co., Ltd. inaugurated prepaid cellular telephone service.
January 1999	The 11-digit numbering system was introduced to the mobile telephone service.
February 1999	NTT DoCoMo inaugurated Internet connection service, "i-mode."
March 1999	NTT DoCoMo and IDO terminated mobile services based on the NTT large-capacity system.
April 1999	DDI Cellular Group and IDO extended service areas of "cdmaOne" to cover the whole nation, and inaugurated Internet connection service, "EZweb/EZaccess."
December 1999	J-Phone Group inaugurated Internet connection service, "J-Sky."
January 2000	DDI Cellular Group and IDO inaugurated packet communications service, "PacketOne."
April 2000	DDI Cellular Group and IDO started international roaming service "GLOBAL PASSPORT".
September 2000	DDI Cellular Group and IDO terminated mobile services based on the TACS system.
October 2000	DDI, KDD and IDO merged as DDI CORPORATION (KDDI). Nine J-Phone Group companies are merged for reorganization into J-Phone East Co., Ltd., J-Phone Central Co., Ltd. and J-Phone West Co., Ltd.
November 2000	Seven companies excluding OKINAWA CELLULAR TELEPHONE of DDI Cellular Group merged as au Corp.
May 2001	NTT DoCoMo started the test service for "IMT-2000" based on the W-CDMA system.
October 2001	KDDI merged with au.
October 2001	NTT DoCoMo started full-scale services for IMT-2000 based on the W-CDMA system.
November 2001	J-Phone Co. Ltd. as the holding company merged with J-Phone East Co., Ltd., J-Phone Central Co., Ltd. and J-Phone West Co., Ltd., and the new company was named J-Phone Co., Ltd.

November 2001	KDDI and Okinawa Cellular Telephone Company launched the cellular telephone with GPS navigation function for the first time in the Japanese market.
April 2002	KDDI and Okinawa Cellular Telephone Company started CDMA2000 1x service.
December 2002	J-Phone Co., Ltd. started 3G service using 3GPP-based W-CDMA system, and international roaming with GSM-based networks.
June 2003	NTT DoCoMo started international roaming with GSM-based networks.
October 2003	J-Phone Co., Ltd. was renamed as Vodafone K.K.
November 2003	KDDI and Okinawa Cellular Telephone Company launched CDMA 1X WIN service.
December 2003	Vodafone inaugurated "Vodafone live!" as the 3G Internet connection service, which is also available at overseas locations.
May 2004	KDDI and Okinawa Cellular Telephone Company launched CDMA-based international data roaming services.
July 2004	NTT DoCoMo started to provide "i-mode FeliCa" service.
October 2004	Vodafone Holdings K.K. and Vodafone K.K. were merged into new Vodafone K.K.
December 2004	Vodafone launched international video telephone roaming services.
December 2004	NTT DoCoMo launched W-CDMA type 3G mobile network services based on 3GPP, packet roaming services with GSM (GPRS) networks to make overseas i-mode connection possible, and international video telephone roaming services.
September 2005	KDDI and Okinawa Cellular Telephone Company started to provide "EZ FeliCa" service.
September 2005	KDDI and Okinawa Cellular Telephone Company started au IC card service and international roaming with GSM-based networks.
September 2005	Vodafone started 3G data card international roaming service.
September 2005	NTT DoCoMo started to provide the "i-channel" service based on "Flash Cast".
October 2005	KDDI merged with three Tu-Ka companies.
October 2005	Vodafone launched "Vodafone live! NAVI", a new navigation service allowing use of network-assisted GPS function not only in Japan but also abroad.
November 2005	Vodafone started fixed-rate voice communication services, "Love Teigaku" and "Kazoku Tsuwa Teigaku". Vodafone also started to provide "Vodafone live! NAVI".
November 2005	NTT DoCoMo started to provide "Push-talk" voice communication service making use of the packet network.
November 2005	KDDI and Okinawa Cellular Telephone Company started "Hello Messenger" service.
November 2005	EMOBILE Ltd. received a radio frequency license for the 1.7GHz frequency band from the Ministry of Internal Affairs and Communications and entered into mobile phone business based on the W-CDMA system.
December 2005	KDDI and Okinawa Cellular Telephone Company launched the terminal compatible with "One-Seg" ground digital telecasting service for mobile and cellular telephones.
December 2005	NTT DoCoMo started to provide a new mobile credit brand "iD".
January 2006	KDDI and Okinawa Cellular Telephone Company started to provide "au LISTEN MOBILE SERVICE (LISMO)".
March 2006	NTT DoCoMo launched mobile telephone terminals conforming to the one segment terrestrial digital TV service.
April 2006	NTT DoCoMo started to provide "DCMX" credit service.
April 2006	Vodafone joined the SoftBank group.
May 2006	Vodafone released a cellular phone terminal conforming to the "one-segment terrestrial digital TV service."
August 2006	NTT DoCoMo launched "HSDPA" conforming to high-speed packet communications. NTT DoCoMo started to provide the "music channel" service.

September 2006	KDDI and Okinawa Cellular started “EZ Channel Plus” and “EZ News Flash” utilizing the “BCMCS”.
October 2006	Vodafone changed its company name to SoftBank Mobile Corp. SoftBank Mobile started a new portal site “Yahoo! Keitai”. SoftBank Mobile launched “3G high speed”.
October 2006	Three cellular phone companies started a mobile number portability system.
December 2006	KDDI and Okinawa Cellular Telephone started “EV-DO Rev.A” service.
March 2007	EMOBILE started the “EM mobile broadband” HSDPA data communication service.
May 2007	NTT DoCoMo started to provide the “2in1” service, where a single mobile phone unit has the functions of two mobile phone units.
December 2007	NTT DoCoMo started to provide the “Area Mail” service.
March 2008	KDDI terminated its Tu-Ka service. KDDI and Okinawa Cellular Telephone Company started GSM-based international data-roaming service.
March 2008	EMOBILE started voice communication service based on W-CDMA, and the “EMnet” internet connection service for cellular phone terminals.
June 2008	NTT DoCoMo started to provide the “Home U” service, which allows the use of mobile phones in a broadband environment such as in the home.
July 2008	SoftBank Mobile started to provide the “Double Number” service, which allows a single mobile phone unit to manage two phone numbers and e-mail addresses.
November 2008	EMOBILE started a High-Speed Uplink Packet Access (HSUPA) data communication service.
March 2009	SoftBank Mobile started a high-speed mobile data communication service for PCs.
July 2009	EMOBILE started a High-Speed Packet Access Plus (HSPA+) data communication service.

2-3-3 PHS

2-3-3-1 Progress of Service Provision and Movements of Carriers

July 1995	DDI TOKYO POCKET TELEPHONE, Inc. DDI HOKKAIDO POCKET TELEPHONE Inc., NTT Central Personal Communications Network Inc., and NTT Hokkaido Personal Communications Network Inc. inaugurated services. After October 1995, 7 companies of DDI POCKET TELEPHONE Group, 7 companies of NTT Personal Communications Network Group and 10 companies of ASTEL Group inaugurated services.
February 1997	The new subscription fee was abolished.
December 1998	Nine companies of NTT Personal Communications Network Group assigned their business to nine companies of NTT DoCoMo Group.
April 1999	ASTEL Tokyo Corporation was merged into Tokyo Telecommunication Network Co., Inc. NTT DoCoMo Group inaugurated 64kbps data communications service.
July 1999	DDI POCKET TELEPHONE Group inaugurated 64kbps data communications service.
November 1999	ASTEL Hokkaido Corporation assigned its business to HOKKAIDO TELECOMMUNICATION NETWORK CO., Inc.
January 2000	Nine companies of DDI POCKET TELEPHONE Group were amalgamated as DDI POCKET Inc.
September 2000	ASTEL Tohoku Corporation assigned its business to Tohoku Intelligent Telecommunication Co., Inc.
November 2000	ASTEL Chubu and CHUBU TELECOMMUNICATIONS CO., INC. merged. ASTEL KANSAI CORPORATION assigned its business to K-Opticom Corporation.
April 2001	ASTEL KYUSHU assigned its business to Kyushu Telecommunication Network Co., Inc.
August 2001	DDI Pocket Inc. inaugurated fixed-rate data communication service.
October 2001	Astel Chugoku Corporation assigned its business to Chugoku Information System Service Co., Inc.
December 2001	Astel Hokuriku Corporation assigned its business to Hokuriku Telecommunication Network Co., Inc.
March 2002	Astel Shikoku Corporation assigned its business to Shikoku Information and Telecommunication Network Company, Incorporated.
April 2002	Shikoku Information and Telecommunication Network Company, Incorporated changed the company name to STNet Incorporated.
August 2002	Tokyo Telecommunication Network Company, Incorporated assigned its PHS business to Magic Mail Inc.
October 2002	Magic Mail Inc. was merged with Yozan Inc.
April 2003	NTT DoCoMo group inaugurated fixed-rate data communication service.
July 2003	Chugoku Telecommunication Network merged with Chugoku Information System Service and reorganized as Energia Communications.
November 2003	Kyushu Telecommunications Network Co., Inc. terminated their PHS telephone service.
March 2004	Hokkaido Telecommunications Network Co., Inc. terminated their PHS telephone service.
May 2004	Hokuriku Telecommunications Network Co., Inc. terminated their PHS telephone service.
September 2004	K-Opticom Corporation terminated the PHS voice telephone service out of their PHS services.
October 2004	DDI Pocket, Inc. became independent from the KDDI group.
December 2004	Energia Communications ceased to provide PHS voice telephone service out of their PHS services.

January 2005	Astel Okinawa transferred goodwill to WILLCOM Okinawa.
February 2005	DDI Pocket, Inc. changed the name to WILLCOM, Inc.
May 2005	STNet ceased to provide their PHS telephone service.
May 2005	Chubu Telecommunications Co., Inc. ceased to provide their PHS communication service.
May 2005	Willcom started "Willcom Teigaku Plan" fixed-rate service.
June 2006	YOZAN terminated its PHS telephone service.
December 2006	Tohoku Intelligent Telecommunication terminated its PHS telephone service.
January 2008	NTT DoCoMo Group terminated their PHS services.

2-3-4 International Telephone Services

2-3-4-1 Progress of Service Provision and Movements of Carriers

- In October 1989, International Telecom Japan Inc. (ITJ) and International Digital Communications Inc. (IDC) introduced services with 23% lower rates than those of Kokusai Denshin Denwa Co.,Ltd. (KDD)
- From 1989 through 1996 KDD implemented rate reductions eight times, and ITJ and IDC five times, resulting in a steady shift toward less expensive rates.
- October 1998 DDI Corporation (DDI) started international telephone services with the level of charge set at ¥240 for a daytime 3-minute call to U.S. MCI Worldcom Japan, Inc. (WCOM) started international telephone services with the level of charge set at ¥248 for a daytime 3-minute call to U.S.
- December 1998 KDD reduced charges for calls to all destinations (230 countries and areas). The average reduction rate was about 10.6%. As the result, a daytime 3-minute call to U.S. cost ¥240.
Japan Telecom (JT) reduced charges for calls to 28 destinations. The average reduction rate was about 8.6%. A daytime 3-minute call to U.S. cost ¥240.
IDC reduced charges for calls to 23 destinations. The average reduction rate was about 9.0%. A daytime 3-minute call to U.S. cost ¥240.
WCOM reduced charges. A daytime 3-minute call to U.S. cost ¥150.
- January 1999 DDI reduced charges for calls to 25 destinations. The average reduction rate was about 8.4%. A daytime 3-minute call to U.S. cost ¥168.
JT reduced charges for calls to 97 destinations. The average reduction rate was about 2.2%.
IDC reduced charges for calls to 51 destinations. The average reduction rate was about 3.5%.
- March 1999 DDI reduced charges for calls to 27 destinations, with a main target of reduction on calls placed during 23:00 to 08:00 of the following day. The average reduction rate was about 5.8%.
- July 1999 Tokyo Telecommunication Network Co.,Inc. (TTNet) started international telephone services with the level of charge set at ¥168 for a daytime 3-minute call to U.S.
- October 1999 JT reduced charges for all destinations (223 countries and areas). The average reduction rate was about 10.3%. A daytime 3-minute call to U.S. cost ¥180.
Cable & Wireless IDC reduced charges for calls to 192 destinations. The average reduction rate was about 10.9%. A daytime 3-minute call to U.S. cost ¥180.
NTT Communications Corp. started international telephone services with the level of charge set at ¥180 for a daytime 3-minute call to U.S.
- November 1999 KDD reduced charges for calls to all destinations (231 countries and areas). The average reduction rate was about 11.1%. A daytime 3-minute call to U.S. cost ¥180.
DDI reduced charges for calls to 38 destinations. The average reduction rate was about 8.4%. A daytime 3-minute call to U.S. cost ¥156.
TTNet reduced charges for calls to 58 destinations. The average reduction rate was about 11%. A daytime 3-minute call to U.S. cost ¥132.
- December 1999 KDD reduced charges for cellular/PHS-originated calls to all destinations (231 countries/areas). The average reduction rate was about 11.9%.
- February 2000 KDD reduced charges for calls to 17 destinations (Taiwan, China, U.K., France, Germany, etc.). The average reduction rate was about 1.4%.
- October 2000 DDI, KDD and IDO were merged as KDDI.
- April 2001 Fusion Communications started international telephone services, establishing the all-time flat rate system. The charge for 3-minute calls to U.S. is ¥90.
- September 2001 Fusion Communications Corporation reduced the charges for calls to all destinations (230 countries and areas). A three-minute call to the U.S. cost ¥45.
- April 2003 POWEREDCOM merged with TTNet, and the new company was named POWEREDCOM, Inc.
- July 2004 The telephone business of POWEREDCOM is merged with FUSION COMMUNICATIONS CORP.

2-3-5 Leased Circuit and Data Transmission Services

2-3-5-1 Progress of Service Provision and Movements of Carriers

- Transition of leased circuit service provision

(NTT)

- December 1997 NTT started "Digital Access 128" as short-distance economy service.
- April 1998 NTT started "Digital Access 1500" service.
- August 1998 NTT started "Digital Reach" as medium- and long-distance economy service.
- December 1998 NTT started "ATM SHARE LINK" as partial band assurance type exclusively for ATM.
- October 1999 NTT Communications started "Gigaway" service.
- March 2000 NTT Communications started "Air Access" service.
- April 2001 NTT East and West started "Digital Access 6000" service.
- November 2001 NTT East started "Metro High Link" service.
- June 2002 NTT East started "Super-high Link" service.
- July 2002 NTT West started "Giga Data Link" service.
- October 2002 NTT Communications started "EtherArcstream" service.

(Long-distance and international carriers)

- April 1998 KDDI (TWJ) started to provide leased circuit service for ATM.
- October 1998 Long-distance and international NCCs started economy services.
- September to October 1999 Long-distance and international NCCs acquired rate setting right and started end-to-end rate services.
- January 2000 Global Access started domestic and international leased circuit service.
- July 2000 Japan Telecom started domestic wide-band leased circuit service.
- October 2002 Japan Telecom started international wide-band leased circuit service.

(Regional carriers)

- April 1997 Nine electric power companies started joint high-speed digital transmission service.
- January 1998 TNet started FDDI leased circuit service.
- April 1998 TNet started leased circuit service for ATM.
- May 1998 Ten electric power companies completed nationwide linkage of high-speed digital transmission services.
- October 1998 Nine electric power companies started linkage of ATM leased circuit services.
- August 1999 Ten electric power companies completed nationwide linkage of economy services.
- April 2001 TNet started to provide "PeneLink (leased circuit)" (Ethernet leased circuit service).
- September 2001 Keio Network Communications started to provide "Express-Ether" service.
- April 2002 Osaka Media Port started Ether leased circuit service.
- June 2002 Chubu Telecommunication started optical fiber leased circuit service.
- April 2003 Osaka Media Port started Ether Network service (W-Link).

(Regional CATV)

- April 2002 Katch Network started optical fiber leased circuit service.
- December 2002 Himawari Network started optical fiber leased circuit service.
- December 2002 My Television started regional LAN services.

- Transition of data transmission service provision

(NTT)

- December 1996 NTT started OCN service.
- August 1999 NTT Communications started to provide OBN (Open Business Network) service.
- September 1999 NTT Communications started to provide "Arcstar Value Access" service.
- May 2000 NTT East and West started to provide Wide LAN Service.
- July 2000 NTT Communications started "Super VPN (current Arcstar IP-VPN)" service.
- July 2000 NTT DoCoMo and NTT Communications jointly started to provide "RALS (Remote Access Line Service)".
- September 2000 NTT East started to provide FLET's Office".
- October 2000 NTT Communications started to provide "Broadband Access" service.
- October 2000 NTT East and West started to provide "Mega Data Nets" service.
- December 2000 NTT Communications started to provide "Giga Ether Platform" service.
- January 2001 NTT Communications started to provide "Arcstar Global IP-VPN" service.
- March 2001 NTT East started to provide "Metro Ether" service.
- April 2001 NTT Communications started to provide "e-VLAN" service.
- May 2001 NTT West started to provide "Urban Ether" service.
- March 2002 NTT East started to provide "FLET's Group Access" service.
- March 2002 NTT East started to provide "Super Wide LAN Service".
- March 2002 NTT West started to provide "Wide LAN Plus" service.
- March 2003 NTT East started to provide "FLET's Office Wide" service.
- April 2003 NTT Communications started to provide "Super HUB" service.
- May 2003 NTT Communications started to provide "FLEXGIGAWAY" service.
- July 2003 NTT East started to provide "Flat Ether" service.
- October 2003 NTT West started to provide "Flat Ether" service.
- December 2003 NTT East started to provide the Smart Ether service.
- April 2006 NTT West started to provide the "Business Ether" service.
- May 2006 NTT East started to provide the "Business Ether" service.

(Long-distance and international carriers)

- April 1997 long-distance and international NCCs sequentially started to provide computer network services.
- April 1999 Japan Telecom started to provide international cell relay service.
- April 2000 Japan Telecom started to provide Solteria (IP-VPN) service.
- October 2000 KDDI started to provide ANDROMEGA IP-VPN service.
- February 2001 Fusion Communications started to provide FUSION IP-VPN service.
- October 2001 Japan Telecom started to provide "Wide-Ether" (wide-area LAN).
- December 2001 Cable & Wireless IDC started to provide "High-speed Ethernet Service".
- December 2001 KDDI started to provide "Ether-VPN" service.
- September 2002 Cable & Wireless IDC started to provide "IP-VPN QoS" service.

- November 2002 Japan Telecom started to provide "ASSOCIO (MLPS Traffic Switching Service)".

(Regional carriers)

- From September 1997 Power company based NCCs sequentially started to provide computer network services.
- March 2001 Hokkaido Telecommunication Network, Inc started to provide wide-area Ethernet service "L2L".
- April 2001 Poweredcom started to provide "Powered Ethernet" wide-area Ethernet connection service.
- April 2001 TNet started to provide "Pene-Link (Multi-access)" (wide-area Ethernet connection service).
- June 2001 K-Opticom started to provide IP-VPN service.
- July 2001 Poweredcom started to provide "Powered-IP MPLS" (IP-VPN connection service).
- August 2001 Energia Communications started to provide Ethernet communication network service "V-LAN".
- June 2002 Keio Network Communications started to provide "Multi-Express Ether" service.
- January 2003 Chubu Telecommunication started to provide band-assured type Ether network service "CTC Ether Link".
- June 2005 Chubu Telecommunication started to provide "CTC Ether DIVE" wide-area Ethernet service.

(Regional-CATV)

- December 1995 Himawari Network started to provide cell relay service.
- November 1997 Katch Network started to provide cell relay service.
- April 1998 MICS Network started to provide ATM switching service.
- September 1999 MICS Network started to provide wide-area LAN service.