

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (2/9)

2. Pathum Wan - 2

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
0	1,580	778	0	2,358
1	1,067	453	0	1,520
2	535	310	2	847
3	430	195	1	625
4	410	196	0	606
5	508	290	0	798
6	1,687	1,091	2	2,779
7	4,811	3,000	0	7,811
8	23,045	15,844	4	38,894
9	47,598	33,775	6	81,380
10	52,272	33,144	3	85,419
11	46,061	28,824	6	74,891
12	24,641	13,510	9	38,160
13	43,377	26,470	10	69,857
14	45,274	27,327	22	72,622
15	44,668	26,869	14	71,551
16	42,598	27,190	7	69,794
17	27,229	16,774	4	44,007
18	18,742	9,929	7	28,678
19	17,077	8,836	5	25,918
20	15,112	8,490	9	23,611
21	10,844	7,038	1	17,883
22	7,801	5,545	4	13,349
23	4,080	2,362	2	6,444
Total	481,445	298,238	115	779,798

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (3/9)

3. Surawong - 4

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
0	2,670	1,032	1,909	5,611
1	1,522	644	1,056	3,222
2	893	608	653	2,153
3	628	499	397	1,524
4	536	451	265	1,251
5	733	474	403	1,610
6	2,368	1,013	1,936	5,317
7	8,522	3,383	6,097	18,002
8	50,186	25,096	22,189	97,470
9	119,240	58,416	39,541	217,197
10	126,650	57,942	43,576	228,167
11	102,243	48,765	43,884	194,892
12	42,725	15,858	23,912	82,495
13	86,876	39,467	37,823	164,165
14	100,982	45,744	43,611	190,337
15	98,217	45,192	43,105	186,514
16	95,846	43,426	42,695	181,967
17	57,058	21,292	28,076	106,426
18	31,776	9,453	20,499	61,728
19	21,749	6,366	18,126	46,241
20	17,905	5,511	15,836	39,252
21	14,884	4,421	11,962	31,267
22	10,605	3,594	8,524	22,722
23	6,252	1,919	4,628	12,799
Total	1,001,062	440,563	460,702	1,902,328

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (4/9)

4. Bang Kae

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
0	687	325	0	1,011
1	396	163	0	559
2	187	104	0	291
3	158	90	0	248
4	131	62	0	192
5	237	157	0	395
6	1,298	781	0	2,079
7	3,036	1,822	0	4,857
8	8,856	4,815	0	13,671
9	16,026	7,532	0	23,558
10	16,844	7,629	0	24,473
11	14,048	6,729	0	20,777
12	8,308	4,608	0	12,916
13	11,219	5,678	0	16,897
14	10,987	5,423	0	16,410
15	10,904	5,572	0	16,476
16	10,303	5,544	0	15,848
17	7,595	4,492	0	12,087
18	7,249	4,207	0	11,455
19	7,830	4,675	0	12,505
20	8,222	4,699	0	12,921
21	6,630	3,854	0	10,484
22	4,477	2,623	0	7,099
23	2,115	1,094	0	3,209
Total	157,742	82,674	1	240,416

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (5/9)

5. Charang Sanitwong

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
0	1,621	793	8	2,421
1	1,030	331	6	1,367
2	571	260	0	831
3	341	206	1	547
4	340	148	0	488
5	693	327	3	1,023
6	2,931	1,539	23	4,493
7	6,112	3,553	59	9,723
8	14,564	7,854	98	22,516
9	24,362	11,993	156	36,510
10	24,856	11,733	158	36,747
11	21,146	10,664	134	31,944
12	14,044	8,115	85	22,244
13	17,764	9,219	95	27,078
14	17,973	9,259	120	27,351
15	18,315	9,314	93	27,722
16	16,764	9,207	86	26,057
17	13,452	8,389	65	21,906
18	13,519	8,226	63	21,808
19	15,775	9,763	108	25,646
20	16,460	10,197	127	26,784
21	13,207	8,922	89	22,218
22	10,054	6,614	60	16,728
23	4,874	2,557	15	7,446
Total	270,766	149,181	1,649	421,595

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (6/9)

6. Pak Kret

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
0	836	435	1	1,271
1	572	191	0	762
2	346	112	0	458
3	308	96	0	404
4	251	90	0	341
5	465	309	1	775
6	2,346	1,550	5	3,902
7	5,113	3,374	2	8,489
8	14,245	8,298	11	22,554
9	22,865	14,035	7	36,907
10	22,459	12,845	3	35,307
11	18,101	11,233	6	29,341
12	10,198	6,619	14	16,831
13	15,647	9,775	4	25,426
14	15,846	10,368	2	26,215
15	15,813	10,139	7	25,959
16	14,119	9,570	4	23,692
17	9,551	6,506	1	16,058
18	9,067	5,897	3	14,966
19	10,555	6,948	4	17,506
20	10,986	7,040	18	18,044
21	8,625	5,182	1	13,808
22	5,737	3,409	8	9,154
23	2,581	1,309	0	3,890
Total	216,630	135,327	101	352,057

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (7/9)

7. Samran Rat - 4

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
1	2,670	713	617	3,999
2	1,516	351	247	2,114
3	861	235	142	1,238
4	755	226	103	1,084
5	781	185	59	1,024
6	1,329	342	78	1,749
7	3,262	1,071	450	4,782
8	9,201	3,263	1,329	13,793
9	36,901	17,199	4,713	58,812
10	80,498	36,102	11,403	128,003
11	91,119	38,545	14,180	143,843
12	75,805	31,951	14,081	121,836
13	40,538	14,914	6,507	61,959
14	65,092	28,263	12,638	105,992
15	72,615	30,790	15,756	119,160
16	71,292	30,343	15,835	117,470
17	65,715	25,317	15,422	106,453
18	40,812	13,959	8,937	63,707
19	26,795	8,006	5,685	40,485
20	22,559	6,268	4,449	33,275
21	19,912	5,883	3,899	29,694
22	17,609	4,791	2,882	25,281
23	12,365	3,466	1,928	17,758
24	6,919	1,745	1,059	9,722
Total	766,914	303,922	142,392	1,213,228

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (8/9)

8. Hua Mak - 2

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
1	3,451	3,902	37	7,390
2	1,737	1,401	20	3,158
3	990	678	5	1,673
4	605	387	4	995
5	548	285	2	834
6	833	583	2	1,418
7	2,760	2,634	6	5,400
8	7,045	5,737	39	12,821
9	24,743	17,266	272	42,280
10	50,138	31,095	1,632	82,865
11	53,619	31,420	2,760	87,798
12	45,259	26,955	2,580	74,793
13	23,811	14,970	1,101	39,882
14	39,334	22,873	2,501	64,707
15	41,509	25,043	2,648	69,200
16	41,373	24,804	2,553	68,729
17	40,282	23,947	2,557	66,787
18	27,287	17,754	4,233	49,274
19	21,126	15,589	2,040	38,754
20	22,603	19,854	881	43,338
21	23,549	23,679	677	47,905
22	20,906	24,706	399	46,011
23	17,313	21,682	108	39,103
24	9,902	10,751	53	20,706
Total	520,720	367,992	27,106	915,818

3-2 Daily Traffic Pattern in the Number of Calls at Sampled Switches (9/9)

9. Lat Prao - 1

(Average Value of 20,21,23 and 24 in April 1992)

Time	Originating Call	Incoming Terminating Call	Incoming Tandem Call	Total
1	1,443	942	17	2,401
2	756	333	10	1,099
3	398	197	5	600
4	266	129	6	401
5	260	150	8	417
6	441	385	13	839
7	2,225	1,532	80	3,836
8	5,576	3,661	337	9,573
9	20,270	13,287	2,292	35,849
10	45,835	27,416	4,770	78,020
11	52,995	27,497	6,341	86,834
12	39,516	22,491	5,886	67,892
13	17,950	10,451	858	29,259
14	31,059	19,206	4,309	54,574
15	34,060	20,584	4,962	59,606
16	34,435	20,894	4,680	60,009
17	32,123	19,684	3,488	55,295
18	19,350	11,944	987	32,281
19	13,608	8,520	457	22,585
20	13,897	9,473	302	23,672
21	14,547	10,828	221	25,596
22	11,906	9,354	150	21,409
23	8,675	8,060	117	16,852
24	4,640	3,486	44	8,170
Total	406,229	250,499	40,337	697,065

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (1/9)

I. Ploen Chit-T3

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	1,183	129	74	655	48	532	2,620
1	761	69	45	318	18	357	1,568
2	505	30	19	214	10	214	992
3	281	26	19	122	6	134	588
4	230	18	12	73	3	109	444
5	408	31	25	73	7	172	715
6	1,661	86	91	324	42	556	2,760
7	5,603	267	264	1,498	149	1,817	9,597
8	25,552	952	685	15,167	843	6,036	49,235
9	45,899	1,923	1,093	42,806	1,749	10,327	103,796
10	46,470	2,271	1,198	43,635	1,764	10,836	106,174
11	43,299	1,858	1,068	36,411	1,782	10,130	94,547
12	24,059	971	681	10,568	878	6,096	43,252
13	41,233	1,703	972	30,201	1,711	9,442	85,262
14	44,112	1,934	1,120	37,051	1,779	10,246	96,241
15	43,456	1,868	1,063	36,103	1,976	10,046	94,511
16	41,261	1,703	1,022	32,667	2,006	10,027	88,686
17	26,941	1,111	644	14,873	991	7,586	52,147
18	16,622	767	530	7,120	559	5,210	30,807
19	11,796	595	428	6,037	363	3,673	22,890
20	8,883	507	362	5,602	286	3,015	18,655
21	6,402	403	272	4,731	212	2,096	14,117
22	4,330	277	204	3,421	171	1,603	10,005
23	2,412	214	151	1,842	63	961	5,642
Total	443,358	19,711	12,040	331,510	17,412	111,217	935,247

3-3. Hourly Change of Service Performance in the Number of Calls at Sampled Switches (2/9)

2. Pathum Wan - 2

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	605	47	20	456	33	276	1,436
1	375	23	20	342	23	172	954
2	223	18	14	116	3	105	478
3	156	20	7	125	4	70	382
4	154	14	10	131	3	53	363
5	234	18	19	80	3	93	447
6	868	54	47	226	15	357	1,566
7	2,533	134	111	668	61	769	4,276
8	10,710	462	275	6,278	299	2,651	20,676
9	18,455	932	403	17,084	871	4,262	42,006
10	19,825	958	411	18,405	1,346	4,571	45,515
11	18,516	956	415	15,243	865	4,357	40,351
12	12,372	568	325	5,677	477	2,966	22,384
13	18,467	844	415	13,755	788	4,257	38,525
14	18,738	894	388	15,051	813	4,366	40,250
15	18,108	868	420	15,079	844	4,397	39,715
16	17,151	826	425	13,445	746	4,011	36,604
17	12,802	607	351	7,156	357	3,384	24,657
18	8,965	440	293	4,154	273	2,752	16,877
19	7,645	445	263	4,196	263	2,499	15,309
20	6,165	386	227	4,327	230	2,141	13,476
21	4,092	289	172	3,528	127	1,417	9,624
22	2,781	195	127	2,605	112	1,049	6,869
23	1,336	98	72	1,193	69	555	3,323
Total	201,275	10,095	5,226	149,316	8,623	51,526	426,061

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (3/9)

3. Surawong - 4

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringin Abandon	Total
0	1,107	51	44	642	66	503	2,412
1	677	32	26	427	38	328	1,527
2	431	22	18	227	18	188	904
3	300	15	16	111	15	143	600
4	263	11	11	84	12	107	487
5	331	18	15	161	10	147	681
6	1,276	41	36	233	36	387	2,009
7	4,756	124	99	881	102	1,275	7,237
8	23,814	597	353	10,580	644	4,609	40,597
9	44,592	1,267	766	34,389	1,439	8,476	90,927
10	46,211	1,720	930	41,513	2,390	9,839	102,603
11	41,653	1,623	891	35,375	1,711	9,214	90,467
12	22,166	720	433	9,140	1,067	5,561	39,088
13	38,624	1,293	677	27,324	1,584	8,394	77,895
14	43,842	1,490	771	32,292	1,973	9,179	89,547
15	42,835	1,341	825	31,331	1,958	9,105	87,394
16	41,409	1,231	762	25,460	1,662	8,669	79,191
17	28,792	794	478	11,901	947	6,696	49,607
18	16,805	485	335	5,558	549	4,632	28,363
19	10,567	338	252	4,910	364	3,363	19,793
20	8,030	284	214	4,815	315	2,736	16,394
21	6,420	243	175	4,147	299	2,150	13,434
22	4,464	176	149	2,962	205	1,655	9,611
23	2,378	107	90	1,538	148	1,125	5,386
Total	431,740	14,019	8,364	286,000	17,640	98,476	856,239

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (4/9)

4. Bang Kae

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringin Abandon	Total
0	245	18	25	203	6	108	605
1	121	10	7	153	4	60	354
2	78	5	3	36	5	37	163
3	55	5	3	48	1	30	142
4	56	4	4	30	1	23	118
5	115	10	6	32	4	44	209
6	623	37	33	220	17	224	1,154
7	1,606	89	78	464	25	493	2,755
8	4,293	188	151	2,081	112	1,136	7,961
9	6,063	357	238	5,008	312	1,511	13,489
10	6,004	352	222	5,441	358	1,502	13,878
11	5,469	284	191	4,326	264	1,343	11,876
12	3,890	227	166	1,961	107	1,070	7,421
13	4,804	260	179	3,126	271	1,241	9,880
14	4,493	233	161	3,430	183	1,139	9,639
15	4,424	240	190	3,365	236	1,139	9,594
16	4,236	257	189	3,034	226	1,116	9,058
17	3,611	189	160	1,753	128	993	6,834
18	3,352	198	183	1,528	137	1,042	6,440
19	3,534	217	189	1,832	131	1,065	6,966
20	3,338	219	208	2,263	106	1,114	7,247
21	2,509	161	131	2,209	56	831	5,896
22	1,577	109	91	1,497	47	602	3,923
23	686	59	31	676	24	298	1,774
Total	65,176	3,727	2,837	44,713	2,759	18,158	137,371

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (5/9)

5. Charang Sanitwong

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	584	33	31	522	15	292	1,475
1	315	27	32	329	12	192	907
2	208	21	16	149	9	124	527
3	170	11	8	60	2	64	315
4	174	11	13	48	4	63	312
5	385	22	17	66	6	137	631
6	1,575	88	52	428	41	490	2,674
7	3,393	169	123	948	42	973	5,647
8	7,289	356	226	3,530	179	1,715	13,295
9	10,204	552	335	7,710	442	2,390	21,631
10	9,893	607	347	8,076	545	2,370	21,837
11	8,955	502	340	6,486	420	2,237	18,940
12	6,973	433	275	3,228	222	1,806	12,937
13	7,851	444	264	5,210	416	1,854	16,040
14	7,636	446	257	5,664	362	1,805	16,169
15	7,688	436	272	6,017	313	1,898	16,622
16	7,230	410	295	4,981	345	1,836	15,097
17	6,504	348	240	3,120	168	1,901	12,280
18	6,601	334	247	2,902	250	1,999	12,332
19	7,161	383	318	3,987	235	2,218	14,301
20	6,811	409	288	4,983	189	2,197	14,877
21	5,209	286	191	4,571	156	1,572	11,986
22	3,489	250	172	3,777	72	1,306	9,065
23	1,519	220	91	1,598	54	659	4,141
Total	117,812	6,795	4,445	78,388	4,496	32,096	244,032

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (6/9)

6. Pak Kret

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D. Time-out	Vacant Number	B-sub-busy	Congestion	Ringing Abandon	Total
0	270	31	18	276	8	145	747
1	119	20	10	267	7	79	500
2	72	12	4	199	4	22	313
3	61	12	7	167	2	24	274
4	72	12	5	108	1	22	219
5	220	28	10	58	6	83	404
6	1,172	92	50	368	27	373	2,082
7	2,584	182	134	790	36	808	4,533
8	6,301	393	286	3,588	156	1,700	12,423
9	8,245	507	353	7,580	440	2,088	19,212
10	7,719	521	316	7,620	479	1,992	18,646
11	6,825	448	291	5,709	386	1,791	15,450
12	4,510	365	215	2,386	183	1,403	9,062
13	6,161	455	254	4,710	398	1,622	13,599
14	6,045	444	225	5,122	262	1,542	13,639
15	6,012	415	265	5,089	312	1,613	13,706
16	4,800	374	250	3,908	370	1,572	11,273
17	4,309	271	205	2,234	148	1,385	8,552
18	3,957	278	243	1,941	150	1,429	7,996
19	4,314	354	270	2,583	151	1,504	9,175
20	4,150	360	285	3,054	127	1,498	9,474
21	2,968	286	184	2,979	138	1,010	7,564
22	1,805	176	117	1,767	72	676	4,613
23	735	98	52	741	32	339	1,996
Total	83,424	6,131	4,048	63,239	3,892	24,716	185,450

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (7/9)

7. Samran Rat - 4

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringin Abandon	Total
0	1,068	47	72	741	30	492	2,448
1	540	45	18	490	18	277	1,386
2	333	18	20	248	10	178	807
3	244	28	34	187	4	198	694
4	238	38	27	193	2	223	720
5	543	64	44	222	9	344	1,225
6	1,655	88	81	435	31	658	2,947
7	4,993	214	180	1,298	95	1,469	8,247
8	17,895	719	446	9,526	477	4,094	33,156
9	32,900	1,315	779	26,681	1,330	6,824	69,828
10	35,772	1,588	819	30,427	1,336	7,541	77,482
11	32,813	1,323	776	23,312	1,275	6,876	66,374
12	21,237	739	485	8,308	725	5,095	36,588
13	30,123	1,193	612	18,386	1,182	6,621	58,115
14	31,577	1,263	732	22,280	1,221	6,786	63,859
15	30,719	1,251	735	21,977	1,218	6,859	62,758
16	28,276	1,108	700	19,015	921	6,295	56,314
17	19,857	734	538	9,918	462	5,500	37,007
18	13,527	495	374	5,091	327	4,411	24,225
19	10,605	452	404	5,017	230	3,572	20,280
20	8,987	437	333	4,939	230	3,108	18,032
21	7,089	356	284	5,016	260	2,587	15,591
22	4,789	237	183	3,557	107	1,885	10,757
23	2,266	124	187	1,639	55	1,102	5,372
Total	338,040	13,874	8,857	218,897	11,548	82,992	674,207

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (8/9)

8. Hua Mak - 2

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	1,122	81	43	1,275	34	544	3,099
1	589	49	30	600	18	252	1,537
2	410	24	30	209	5	191	868
3	233	31	27	100	8	119	517
4	171	84	21	97	2	87	461
5	294	133	30	87	8	132	683
6	1,295	94	56	467	32	497	2,440
7	3,374	167	132	1,367	71	1,204	6,314
8	11,027	533	302	7,083	301	2,881	22,126
9	18,212	1,086	476	17,566	760	4,393	42,492
10	18,584	1,054	494	18,581	1,124	4,615	44,452
11	16,891	929	480	15,398	759	4,165	38,622
12	10,666	561	354	6,003	383	3,079	21,045
13	15,658	808	439	12,882	729	3,948	34,463
14	15,731	869	463	14,291	800	3,845	35,997
15	15,731	910	456	14,314	746	3,824	35,980
16	15,065	820	434	13,291	715	4,031	34,357
17	11,775	567	317	7,717	344	3,586	24,306
18	8,791	499	304	5,787	363	3,086	18,829
19	8,562	576	352	7,355	252	2,932	20,028
20	8,021	598	319	8,828	249	2,804	20,819
21	6,547	514	259	8,707	217	2,248	18,490
22	4,825	341	234	7,976	155	1,786	15,317
23	2,539	230	144	4,350	62	1,081	8,406
Total	196,112	11,556	6,193	174,326	8,132	55,328	451,646

3-3 Hourly Change of Service Performance in the Number of Calls at Sampled Switches (9/9)

9. Lat Prao - 1

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D. Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	453	65	44	481	16	220	1,278
1	223	21	13	274	6	123	659
2	152	11	7	92	7	74	342
3	82	4	5	100	1	37	229
4	99	12	4	76	2	40	233
5	205	11	12	63	2	89	382
6	1,118	70	46	306	46	396	1,981
7	2,897	164	108	837	71	875	4,951
8	9,472	432	261	5,208	316	2,437	18,126
9	15,259	805	495	13,701	755	3,692	34,706
10	15,119	934	525	13,522	968	3,666	34,733
11	13,860	733	450	11,691	709	3,557	30,999
12	8,404	469	290	4,298	356	2,403	16,219
13	12,621	657	370	9,565	740	3,212	27,165
14	13,068	638	408	11,329	729	3,282	29,452
15	13,074	677	391	11,104	758	3,351	29,355
16	12,369	580	373	9,936	681	3,265	27,205
17	8,779	432	306	4,994	334	2,683	17,528
18	6,251	315	241	3,041	236	2,163	12,246
19	5,868	336	291	3,645	178	2,057	12,375
20	5,599	321	286	4,343	186	2,021	12,757
21	4,329	267	176	4,127	151	1,501	10,550
22	2,954	215	156	3,186	75	1,059	7,645
23	1,366	127	77	1,664	54	595	3,884
Total	153,618	8,293	5,332	117,582	7,374	42,796	334,995

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (1/9)

1. Ploen Chit-T3

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringing Abandon	Total
0	45.2	4.9	2.8	25.0	1.8	20.3	100
1	48.5	4.4	2.9	20.3	1.1	22.8	100
2	50.9	3.0	1.9	21.6	1.0	21.6	100
3	47.7	4.5	3.3	20.7	1.1	22.8	100
4	51.9	3.9	2.8	16.4	0.6	24.5	100
5	57.0	4.3	3.4	10.3	0.9	24.0	100
6	60.2	3.1	3.3	11.8	1.5	20.1	100
7	58.4	2.8	2.7	15.6	1.6	18.9	100
8	51.9	1.9	1.4	30.8	1.7	12.3	100
9	44.2	1.9	1.1	41.2	1.7	9.9	100
10	43.8	2.1	1.1	41.1	1.7	10.2	100
11	45.8	2.0	1.1	38.5	1.9	10.7	100
12	55.6	2.2	1.6	24.4	2.0	14.1	100
13	48.4	2.0	1.1	35.4	2.0	11.1	100
14	45.8	2.0	1.2	38.5	1.8	10.6	100
15	46.0	2.0	1.1	38.2	2.1	10.6	100
16	46.5	1.9	1.2	36.8	2.3	11.3	100
17	51.7	2.1	1.2	28.5	1.9	14.5	100
18	54.0	2.5	1.7	23.1	1.8	16.9	100
19	51.5	2.6	1.9	26.4	1.6	16.0	100
20	47.6	2.7	1.9	30.0	1.5	16.2	100
21	45.4	2.9	1.9	33.5	1.5	14.8	100
22	43.3	2.8	2.0	34.2	1.7	16.0	100
23	42.8	3.8	2.7	32.6	1.1	17.0	100
Total Percentage	47.4	2.1	1.3	35.4	1.9	11.9	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (2/9)

2. Pathum Wan - 2

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	42.1	3.2	1.4	31.8	2.3	19.2	100
1	39.3	2.4	2.0	35.8	2.4	18.0	100
2	46.6	3.8	2.8	24.2	0.6	21.9	100
3	40.9	5.2	1.8	32.7	1.0	18.4	100
4	42.3	3.8	2.6	36.1	0.7	14.5	100
5	52.4	4.1	4.3	17.9	0.6	20.8	100
6	55.4	3.4	3.0	14.4	1.0	22.8	100
7	59.2	3.1	2.6	15.6	1.4	18.0	100
8	51.8	2.2	1.3	30.4	1.4	12.8	100
9	43.9	2.2	1.0	40.7	2.1	10.1	100
10	43.6	2.1	0.9	40.4	3.0	10.0	100
11	45.9	2.4	1.0	37.8	2.1	10.8	100
12	55.3	2.5	1.5	25.4	2.1	13.2	100
13	47.9	2.2	1.1	35.7	2.0	11.0	100
14	46.6	2.2	1.0	37.4	2.0	10.8	100
15	45.6	2.2	1.1	38.0	2.1	11.1	100
16	46.9	2.3	1.2	36.7	2.0	11.0	100
17	51.9	2.5	1.4	29.0	1.4	13.7	100
18	53.1	2.6	1.7	24.6	1.6	16.3	100
19	49.9	2.9	1.7	27.4	1.7	16.3	100
20	45.7	2.9	1.7	32.1	1.7	15.9	100
21	42.5	3.0	1.8	36.7	1.3	14.7	100
22	40.5	2.8	1.9	37.9	1.6	15.3	100
23	40.2	3.0	2.2	35.9	2.1	16.7	100
Total Percentage	47.2	2.4	1.2	35.0	2.0	12.1	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (3/9)

3. Surawong - 4

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringing Abandon	Total
0	45.9	2.1	1.8	26.6	2.7	20.8	100
1	44.3	2.1	1.7	28.0	2.5	21.4	100
2	47.6	2.4	2.0	25.1	2.0	20.8	100
3	50.0	2.5	2.7	18.5	2.5	23.9	100
4	54.1	2.2	2.3	17.2	2.4	21.9	100
5	48.6	2.6	2.2	23.6	1.4	21.6	100
6	63.5	2.1	1.8	11.6	1.8	19.3	100
7	65.7	1.7	1.4	12.2	1.4	17.6	100
8	58.7	1.5	0.9	26.1	1.6	11.4	100
9	49.0	1.4	0.8	37.8	1.6	9.3	100
10	45.0	1.7	0.9	40.5	2.3	9.6	100
11	46.0	1.8	1.0	39.1	1.9	10.2	100
12	56.7	1.8	1.1	23.4	2.7	14.2	100
13	49.6	1.7	0.9	35.1	2.0	10.8	100
14	49.0	1.7	0.9	36.1	2.2	10.3	100
15	49.0	1.5	0.9	35.9	2.2	10.4	100
16	52.3	1.6	1.0	32.2	2.1	10.9	100
17	58.0	1.6	1.0	24.0	1.9	13.5	100
18	59.2	1.7	1.2	19.6	1.9	16.3	100
19	53.4	1.7	1.3	24.8	1.8	17.0	100
20	49.0	1.7	1.3	29.4	1.9	16.7	100
21	47.8	1.8	1.3	30.9	2.2	16.0	100
22	46.4	1.8	1.6	30.8	2.1	17.2	100
23	44.2	2.0	1.7	28.6	2.7	20.9	100
Total Percentage	50.4	1.6	1.0	33.4	2.1	11.5	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (4/9)

4. Bang Kae

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringing Abandon	Total
0	40.5	3.0	4.1	33.6	0.9	17.9	100
1	34.2	2.7	1.8	43.2	1.2	16.9	100
2	47.5	3.1	2.0	21.9	2.9	22.5	100
3	38.5	3.4	2.1	34.1	0.7	21.2	100
4	47.2	3.4	3.0	25.5	1.1	19.8	100
5	54.8	4.7	3.0	15.1	1.7	20.8	100
6	54.0	3.2	2.9	19.1	1.5	19.4	100
7	58.3	3.2	2.8	16.8	0.9	17.9	100
8	53.9	2.4	1.9	26.1	1.4	14.3	100
9	44.9	2.6	1.8	37.1	2.3	11.2	100
10	43.3	2.5	1.6	39.2	2.6	10.8	100
11	46.0	2.4	1.6	36.4	2.2	11.3	100
12	52.4	3.1	2.2	26.4	1.4	14.4	100
13	48.6	2.6	1.8	31.6	2.7	12.6	100
14	46.6	2.4	1.7	35.6	1.9	11.8	100
15	46.1	2.5	2.0	35.1	2.5	11.9	100
16	46.8	2.8	2.1	33.5	2.5	12.3	100
17	52.8	2.8	2.3	25.6	1.9	14.5	100
18	52.0	3.1	2.8	23.7	2.1	16.2	100
19	50.7	3.1	2.7	26.3	1.9	15.3	100
20	46.1	3.0	2.9	31.2	1.5	15.4	100
21	42.6	2.7	2.2	37.5	0.9	14.1	100
22	40.2	2.8	2.3	38.2	1.2	15.3	100
23	38.7	3.3	1.8	38.1	1.4	16.8	100
Total Percentage	47.4	2.7	2.1	32.5	2.0	13.2	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (5/9)

5. Charang Sanitwong

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringin Abandon	Total
0	39.6	2.2	2.1	35.4	1.0	19.8	100
1	34.7	2.9	3.6	36.3	1.3	21.2	100
2	39.5	4.0	2.9	28.3	1.7	23.6	100
3	53.9	3.4	2.6	19.1	0.7	20.3	100
4	55.8	3.4	4.0	15.4	1.2	20.2	100
5	61.0	3.4	2.6	10.5	0.9	21.6	100
6	58.9	3.3	2.0	16.0	1.5	18.3	100
7	60.1	3.0	2.2	16.8	0.7	17.2	100
8	54.8	2.7	1.7	26.6	1.3	12.9	100
9	47.2	2.6	1.5	35.6	2.0	11.0	100
10	45.3	2.8	1.6	37.0	2.5	10.9	100
11	47.3	2.7	1.8	34.2	2.2	11.8	100
12	53.9	3.3	2.1	25.0	1.7	14.0	100
13	48.9	2.8	1.6	32.5	2.6	11.6	100
14	47.2	2.8	1.6	35.0	2.2	11.2	100
15	46.3	2.6	1.6	36.2	1.9	11.4	100
16	47.9	2.7	2.0	33.0	2.3	12.2	100
17	53.0	2.8	2.0	25.4	1.4	15.5	100
18	53.5	2.7	2.0	23.5	2.0	16.2	100
19	50.1	2.7	2.2	27.9	1.6	15.5	100
20	45.8	2.8	1.9	33.5	1.3	14.8	100
21	43.5	2.4	1.6	38.1	1.3	13.1	100
22	38.5	2.8	1.9	41.7	0.8	14.4	100
23	36.7	5.3	2.2	38.6	1.3	15.9	100
Total Percentage	48.3	2.8	1.8	32.1	1.8	13.2	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (6/9)

6. Pak Kret

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringing Abandon	Total
0	36.1	4.2	2.4	36.9	1.0	19.4	100
1	23.8	4.0	1.9	53.3	1.4	15.7	100
2	22.9	3.8	1.4	63.6	1.3	7.0	100
3	22.3	4.5	2.7	61.2	0.5	8.9	100
4	32.6	5.5	2.2	49.3	0.3	10.0	100
5	54.5	6.9	2.5	14.2	1.4	20.5	100
6	56.3	4.4	2.4	17.7	1.3	17.9	100
7	57.0	4.0	3.0	17.4	0.8	17.8	100
8	50.7	3.2	2.3	28.9	1.3	13.7	100
9	42.9	2.6	1.8	39.5	2.3	10.9	100
10	41.4	2.8	1.7	40.9	2.6	10.7	100
11	44.2	2.9	1.9	37.0	2.5	11.6	100
12	49.8	4.0	2.4	26.3	2.0	15.5	100
13	45.3	3.3	1.9	34.6	2.9	11.9	100
14	44.3	3.3	1.6	37.6	1.9	11.3	100
15	43.9	3.0	1.9	37.1	2.3	11.8	100
16	42.6	3.3	2.2	34.7	3.3	13.9	100
17	50.4	3.2	2.4	26.1	1.7	16.2	100
18	49.5	3.5	3.0	24.3	1.9	17.9	100
19	47.0	3.9	2.9	28.1	1.6	16.4	100
20	43.8	3.8	3.0	32.2	1.3	15.8	100
21	39.2	3.8	2.4	39.4	1.8	13.3	100
22	39.1	3.8	2.5	38.3	1.6	14.7	100
23	36.8	4.9	2.6	37.1	1.6	17.0	100
Total Percentage	45.0	3.3	2.2	34.1	2.1	13.3	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (7/9)

7. Samran Rat - 4

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringing Abandon	Total
0	43.6	1.9	2.9	30.3	1.2	20.1	100
1	38.9	3.2	1.3	35.3	1.3	20.0	100
2	41.3	2.2	2.4	30.8	1.2	22.1	100
3	35.1	4.0	4.8	26.9	0.6	28.6	100
4	33.0	5.3	3.7	26.8	0.2	31.0	100
5	44.3	5.2	3.6	18.1	0.7	28.1	100
6	56.2	3.0	2.7	14.8	1.0	22.3	100
7	60.5	2.6	2.2	15.7	1.1	17.8	100
8	54.0	2.2	1.3	28.7	1.4	12.3	100
9	47.1	1.9	1.1	38.2	1.9	9.8	100
10	46.2	2.0	1.1	39.3	1.7	9.7	100
11	49.4	2.0	1.2	35.1	1.9	10.4	100
12	58.0	2.0	1.3	22.7	2.0	13.9	100
13	51.8	2.1	1.1	31.6	2.0	11.4	100
14	49.4	2.0	1.1	34.9	1.9	10.6	100
15	48.9	2.0	1.2	35.0	1.9	10.9	100
16	50.2	2.0	1.2	33.8	1.6	11.2	100
17	53.7	2.0	1.5	26.8	1.2	14.9	100
18	55.8	2.0	1.5	21.0	1.3	18.2	100
19	52.3	2.2	2.0	24.7	1.1	17.6	100
20	49.8	2.4	1.8	27.4	1.3	17.2	100
21	45.5	2.3	1.8	32.2	1.7	16.6	100
11	44.5	2.2	1.7	33.1	1.0	17.5	100
23	42.2	2.3	3.5	30.5	1.0	20.5	100
Total Percentage	50.1	2.1	1.3	32.5	1.7	12.3	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (8/9)

8. Hua Mak - 2

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringling Abandon	Total
0	36.2	2.6	1.4	41.1	1.1	17.6	100
1	38.3	3.2	2.0	39.0	1.2	16.4	100
2	47.2	2.8	3.5	24.1	0.5	22.0	100
3	45.0	5.9	5.3	19.3	1.5	23.0	100
4	37.1	18.2	4.6	21.1	0.4	18.8	100
5	43.1	19.5	4.3	12.7	1.1	19.3	100
6	53.1	3.9	2.3	19.1	1.3	20.3	100
7	53.4	2.6	2.1	21.6	1.1	19.1	100
8	49.8	2.4	1.4	32.0	1.4	13.0	100
9	42.9	2.6	1.1	41.3	1.8	10.3	100
10	41.8	2.4	1.1	41.8	2.5	10.4	100
11	43.7	2.4	1.2	39.9	2.0	10.8	100
12	50.7	2.7	1.7	28.5	1.8	14.6	100
13	45.4	2.3	1.3	37.4	2.1	11.5	100
14	43.7	2.4	1.3	39.7	2.2	10.7	100
15	43.7	2.5	1.3	39.8	2.1	10.6	100
16	43.8	2.4	1.3	38.7	2.1	11.7	100
17	48.4	2.3	1.3	31.8	1.4	14.8	100
18	46.7	2.6	1.6	30.7	1.9	16.4	100
19	42.7	2.9	1.8	36.7	1.3	14.6	100
20	38.5	2.9	1.5	42.4	1.2	13.5	100
21	35.4	2.8	1.4	47.1	1.2	12.2	100
22	31.5	2.2	1.5	52.1	1.0	11.7	100
23	30.2	2.7	1.7	51.7	0.7	12.9	100
Total Percentage	43.4	2.6	1.4	38.6	1.8	12.3	100

3-4 Hourly Change of Service Performance in the Percentage Share at Sampled Switches (9/9)

9. Lat Prao - 1

(Average Value of 20,21,23 and 24 in April 1992)

Time	Completed Call	P.D.Time-out	Vacant Number	B-sub-busy	Congestion	Ringin Abandon	Total
0	35.5	5.1	3.4	37.7	1.2	17.2	100
1	33.8	3.2	1.9	41.6	0.9	18.6	100
2	44.4	3.1	2.0	26.7	2.0	21.7	100
3	35.7	1.9	2.3	43.7	0.5	16.0	100
4	42.5	5.0	1.8	32.5	0.9	17.3	100
5	53.6	2.9	3.0	16.5	0.6	23.3	100
6	56.4	3.5	2.3	15.4	2.3	20.0	100
7	58.5	3.3	2.2	16.9	1.4	17.7	100
8	52.3	2.4	1.4	28.7	1.7	13.4	100
9	44.0	2.3	1.4	39.5	2.2	10.6	100
10	43.5	2.7	1.5	38.9	2.8	10.6	100
11	44.7	2.4	1.5	37.7	2.3	11.5	100
12	51.8	2.9	1.8	26.5	2.2	14.8	100
13	46.5	2.4	1.4	35.2	2.7	11.8	100
14	44.4	2.2	1.4	38.5	2.5	11.1	100
15	44.5	2.3	1.3	37.8	2.6	11.4	100
16	45.5	2.1	1.4	36.5	2.5	12.0	100
17	50.1	2.5	1.7	28.5	1.9	15.3	100
18	51.0	2.6	2.0	24.8	1.9	17.7	100
19	47.4	2.7	2.3	29.5	1.4	16.6	100
20	43.9	2.5	2.2	34.0	1.5	15.8	100
21	41.0	2.5	1.7	39.1	1.4	14.2	100
22	38.6	2.8	2.0	41.7	1.0	13.9	100
23	35.2	3.3	2.0	42.8	1.4	15.3	100
Total Percentage	45.9	2.5	1.6	35.1	2.2	12.8	100

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (1/10)

Main Tel. Line (Sub)	Business Subscribers				Residential Subscribers				Total			
	F/L	Accum.	# Tel (=AxB)	Accum. Tel	F/L	Accum.	# Tel (=AxB)	Accum. Tel	F/L	Accum.	# Tel (=AxB)	Accum. Tel
1	60,473	60,473	60,473	60,473	391,537	391,537	391,537	391,537	452,010	452,010	452,010	452,010
2	5,517	65,990	11,034	71,507	24,150	415,687	48,300	439,837	29,667	481,677	59,334	511,344
3	14,206	80,196	42,618	114,125	57,104	472,791	171,312	611,149	71,310	552,987	213,930	725,274
4	6,045	86,241	24,180	138,305	14,303	487,094	57,212	668,361	20,348	573,335	81,392	806,666
5	3,422	89,663	17,110	155,415	5,157	492,251	25,785	694,146	8,579	581,914	42,895	849,561
6	2,507	92,170	15,042	170,457	2,363	494,614	14,178	708,324	4,870	586,784	29,220	878,781
7	1,528	93,698	10,696	181,153	1,187	495,801	8,309	716,633	2,715	589,499	19,005	897,786
8	1,005	94,703	8,040	189,193	699	496,500	5,592	722,225	1,704	591,203	13,632	911,418
9	742	95,445	6,678	195,871	402	496,902	3,618	725,843	1,144	592,347	10,296	921,714
10	527	95,972	5,270	201,141	271	497,173	2,710	728,553	798	593,145	7,980	929,694
11	623	96,595	6,853	207,994	201	497,374	2,211	730,764	824	593,969	9,064	938,758
12	376	96,971	4,512	212,506	139	497,513	1,668	732,432	515	594,484	6,180	944,938
13	279	97,250	3,627	216,133	107	497,620	1,391	733,823	386	594,870	5,018	949,956
14	255	97,505	3,570	219,703	71	497,691	994	734,817	326	595,196	4,564	954,520
15	189	97,694	2,835	222,538	58	497,749	870	735,687	247	595,443	3,705	958,225
16	188	98,382	3,008	225,546	48	497,797	768	736,455	236	595,679	3,776	962,001
17	147	98,029	2,499	228,045	22	497,819	374	736,829	169	595,848	2,873	964,874
18	120	98,149	2,160	230,205	28	497,847	504	737,333	148	595,996	2,664	967,538
19	113	98,262	2,147	232,352	21	497,868	399	737,732	134	596,130	2,546	970,084
20	86	98,348	1,720	234,072	21	497,889	420	738,152	107	596,237	2,140	972,224
21	133	98,481	2,793	236,865	22	497,911	462	738,614	155	596,392	3,255	975,479
22	91	98,572	2,002	238,867	15	497,926	330	738,944	106	596,498	2,332	977,811
23	73	98,645	1,679	240,546	10	497,936	230	739,174	83	596,581	1,909	979,720
24	52	98,697	1,248	241,794	8	497,944	192	739,366	60	596,641	1,440	981,160
25	70	98,767	1,750	243,544	7	497,951	175	739,541	77	596,718	1,925	983,085
26	64	98,831	1,664	245,208	5	497,956	130	739,671	69	596,787	1,794	984,879
27	44	98,875	1,188	246,396	9	497,965	243	739,914	53	596,840	1,431	986,310
28	43	98,918	1,204	247,600	8	497,973	224	740,138	51	596,891	1,428	987,738
29	36	98,954	1,044	248,644	4	497,977	116	740,254	40	596,931	1,160	988,898
30	33	98,987	990	249,634	4	497,981	120	740,374	37	596,968	1,110	990,008
31	48	99,035	1,488	251,122	4	497,985	124	740,498	52	597,020	1,612	991,620
32	36	99,071	1,152	252,274	2	497,987	64	740,562	38	597,058	1,216	992,836
33	37	99,108	1,221	253,495	2	497,989	66	740,628	39	597,097	1,287	994,123
34	31	99,139	1,054	254,549	4	497,993	136	740,764	35	597,132	1,190	995,313
35	26	99,165	910	255,459	2	497,995	70	740,834	28	597,160	980	996,293
36	26	99,191	936	256,395	3	497,998	108	740,942	29	597,189	1,044	997,337
37	20	99,211	740	257,135	2	498,000	74	741,016	22	597,211	814	998,151
38	19	99,230	722	257,857	0	498,000	0	741,016	19	597,230	722	998,873
39	15	99,245	585	258,442	1	498,001	39	741,055	16	597,246	624	999,497
40	18	99,263	720	259,162	1	498,002	40	741,095	19	597,265	760	1,000,257
41	16	99,279	656	259,818	0	498,002	0	741,095	16	597,281	656	1,000,913
42	16	99,295	672	260,490	0	498,002	0	741,095	16	597,297	672	1,001,585
43	8	99,303	344	260,834	1	498,003	43	741,138	9	597,306	387	1,001,972
44	11	99,314	484	261,318	0	498,003	0	741,138	11	597,317	484	1,002,456
45	11	99,325	495	261,813	0	498,003	0	741,138	11	597,328	495	1,002,951
46	14	99,339	644	262,457	1	498,004	46	741,184	15	597,343	690	1,003,641
47	12	99,351	564	263,021	0	498,004	0	741,184	12	597,355	564	1,004,205
48	5	99,356	240	263,261	0	498,004	0	741,184	5	597,360	240	1,004,445
49	12	99,368	588	263,849	1	498,005	49	741,233	13	597,373	637	1,005,082
50	11	99,379	550	264,399	1	498,006	50	741,283	12	597,385	600	1,005,682
51	22	99,401	1,122	265,521	1	498,007	51	741,334	23	597,408	1,173	1,006,855
52	7	99,408	364	265,885	2	498,009	104	741,438	9	597,417	468	1,007,323
53	7	99,415	371	266,256	0	498,009	0	741,438	7	597,424	371	1,007,694
54	7	99,422	378	266,634	1	498,010	54	741,492	8	597,432	432	1,008,126
55	5	99,427	275	266,909	1	498,011	55	741,547	6	597,438	330	1,008,456
56	4	99,431	224	267,133	0	498,011	0	741,547	4	597,442	224	1,008,680
57	8	99,439	456	267,589	0	498,011	0	741,547	8	597,450	456	1,009,136
58	7	99,446	406	267,995	1	498,012	58	741,605	8	597,458	464	1,009,600
59	7	99,453	413	268,408	0	498,012	0	741,605	7	597,465	413	1,010,013
60	8	99,461	480	268,888	0	498,012	0	741,605	8	597,473	480	1,010,493
61	4	99,465	244	269,132	1	498,013	61	741,666	5	597,478	305	1,010,798
62	7	99,472	434	269,566	0	498,013	0	741,666	7	597,485	434	1,011,232
63	7	99,479	441	270,007	0	498,013	0	741,666	7	597,492	441	1,011,673
64	5	99,484	320	270,327	0	498,013	0	741,666	5	597,497	320	1,011,993
65	12	99,496	780	271,107	0	498,013	0	741,666	12	597,509	780	1,012,773
66	4	99,500	264	271,371	0	498,013	0	741,666	4	597,513	264	1,013,037
67	1	99,501	67	271,438	0	498,013	0	741,666	1	597,514	67	1,013,104
68	8	99,509	544	271,982	0	498,013	0	741,666	8	597,522	544	1,013,648
69	3	99,512	207	272,189	0	498,013	0	741,666	3	597,525	207	1,013,855
70	4	99,516	280	272,469	0	498,013	0	741,666	4	597,529	280	1,014,135
71	3	99,519	213	272,682	0	498,013	0	741,666	3	597,532	213	1,014,348

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (2/10)

Main Tel. Line /Sub	F/L	Business Subscribers				Residential Subscribers				Total			
		Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	
		F/L	(=AxB) Tel		F/L	(=AxB) Tel		F/L		F/L	(=AxB) Tel		
72	2	99,521	144	272,826	1	498,014	72	741,738	3	597,535	216	1,014,564	
73	3	99,524	219	273,045	0	498,014	0	741,738	3	597,538	219	1,014,783	
74	8	99,532	592	273,637	0	498,014	0	741,738	8	597,546	592	1,015,375	
75	2	99,534	150	273,787	0	498,014	0	741,738	2	597,548	150	1,015,525	
76	4	99,538	304	274,091	0	498,014	0	741,738	4	597,552	304	1,015,829	
77	5	99,543	385	274,476	0	498,014	0	741,738	5	597,557	385	1,016,214	
78	6	99,549	468	274,944	0	498,014	0	741,738	6	597,563	468	1,016,682	
79	4	99,553	316	275,260	0	498,014	0	741,738	4	597,567	316	1,016,998	
80	7	99,560	560	275,820	0	498,014	0	741,738	7	597,574	560	1,017,558	
81	0	99,560	0	275,820	0	498,014	0	741,738	0	597,574	0	1,017,558	
82	2	99,562	164	275,984	0	498,014	0	741,738	2	597,576	164	1,017,722	
83	3	99,565	249	276,233	0	498,014	0	741,738	3	597,579	249	1,017,971	
84	5	99,570	420	276,653	0	498,014	0	741,738	5	597,584	420	1,018,391	
85	5	99,575	425	277,078	0	498,014	0	741,738	5	597,589	425	1,018,816	
86	4	99,579	344	277,422	0	498,014	0	741,738	4	597,593	344	1,019,160	
87	3	99,582	261	277,683	0	498,014	0	741,738	3	597,596	261	1,019,421	
88	1	99,583	88	277,771	0	498,014	0	741,738	1	597,597	88	1,019,509	
89	3	99,586	267	278,038	0	498,014	0	741,738	3	597,600	267	1,019,776	
90	2	99,588	180	278,218	0	498,014	0	741,738	2	597,602	180	1,019,956	
91	3	99,591	273	278,491	0	498,014	0	741,738	3	597,605	273	1,020,229	
92	2	99,593	184	278,675	0	498,014	0	741,738	2	597,607	184	1,020,413	
93	1	99,594	93	278,768	0	498,014	0	741,738	1	597,608	93	1,020,506	
94	1	99,595	94	278,862	0	498,014	0	741,738	1	597,609	94	1,020,600	
95	1	99,596	95	278,957	0	498,014	0	741,738	1	597,610	95	1,020,695	
96	1	99,597	96	279,053	0	498,014	0	741,738	1	597,611	96	1,020,791	
97	2	99,599	194	279,247	0	498,014	0	741,738	2	597,613	194	1,020,985	
98	2	99,601	196	279,443	0	498,014	0	741,738	2	597,615	196	1,021,181	
99	1	99,602	99	279,542	0	498,014	0	741,738	1	597,616	99	1,021,280	
100	4	99,606	400	279,942	0	498,014	0	741,738	4	597,620	400	1,021,680	
101	1	99,607	101	280,043	0	498,014	0	741,738	1	597,621	101	1,021,781	
102	3	99,610	306	280,349	0	498,014	0	741,738	3	597,624	306	1,022,087	
103		99,610	0	280,349	0	498,014	0	741,738	0	597,624	0	1,022,087	
104	3	99,613	312	280,661	0	498,014	0	741,738	3	597,627	312	1,022,399	
105	1	99,614	105	280,766	0	498,014	0	741,738	1	597,628	105	1,022,504	
106	1	99,615	106	280,872	0	498,014	0	741,738	1	597,629	106	1,022,610	
107	1	99,616	107	280,979	0	498,014	0	741,738	1	597,630	107	1,022,717	
108	1	99,617	108	281,087	0	498,014	0	741,738	1	597,631	108	1,022,825	
109		99,617	0	281,087	0	498,014	0	741,738	0	597,631	0	1,022,825	
110	3	99,620	330	281,417	0	498,014	0	741,738	3	597,634	330	1,023,155	
111	2	99,622	222	281,639	0	498,014	0	741,738	2	597,636	222	1,023,377	
112	1	99,623	112	281,751	0	498,014	0	741,738	1	597,637	112	1,023,489	
113	2	99,625	226	281,977	0	498,014	0	741,738	2	597,639	226	1,023,715	
114	5	99,630	570	282,547	0	498,014	0	741,738	5	597,644	570		
115		99,630	0	282,547	0	498,014	0	741,738	0	597,644	0		
116	2	99,632	232	282,779	0	498,014	0	741,738	2	597,646	232		
117		99,632	0	282,779	0	498,014	0	741,738	0	597,646	0		
118	1	99,633	118	282,897	0	498,014	0	741,738	1	597,647	118	1,024,635	
119		99,633	0	282,897	0	498,014	0	741,738	0	597,647	0	1,024,635	
120		99,633	0	282,897	0	498,014	0	741,738	0	597,647	0	1,024,635	
121		99,633	0	282,897	0	498,014	0	741,738	0	597,647	0	1,024,635	
122		99,633	0	282,897	0	498,014	0	741,738	0	597,647	0	1,024,635	
123		99,633	0	282,897	0	498,014	0	741,738	0	597,647	0	1,024,635	
124	2	99,635	248	283,145	0	498,014	0	741,738	2	597,649	248	1,024,883	
125		99,635	0	283,145	0	498,014	0	741,738	0	597,649	0	1,024,883	
126	1	99,636	126	283,271	0	498,014	0	741,738	1	597,650	126	1,025,009	
127		99,636	0	283,271	0	498,014	0	741,738	0	597,650	0	1,025,009	
128		99,636	0	283,271	0	498,014	0	741,738	0	597,650	0	1,025,009	
129	1	99,637	129	283,400	0	498,014	0	741,738	1	597,651	129	1,025,138	
130	1	99,638	130	283,530	0	498,014	0	741,738	1	597,652	130	1,025,268	
131	1	99,639	131	283,661	0	498,014	0	741,738	1	597,653	131	1,025,399	
132		99,639	0	283,661	0	498,014	0	741,738	0	597,653	0	1,025,399	
133		99,639	0	283,661	0	498,014	0	741,738	0	597,653	0	1,025,399	
134	2	99,641	268	283,929	0	498,014	0	741,738	2	597,655	268	1,025,667	
135	1	99,642	135	284,064	0	498,014	0	741,738	1	597,656	135	1,025,802	
136	1	99,643	136	284,200	0	498,014	0	741,738	1	597,657	136	1,025,938	
137		99,643	0	284,200	0	498,014	0	741,738	0	597,657	0	1,025,938	
138		99,643	0	284,200	0	498,014	0	741,738	0	597,657	0	1,025,938	
139		99,643	0	284,200	0	498,014	0	741,738	0	597,657	0	1,025,938	
140		99,643	0	284,200	0	498,014	0	741,738	0	597,657	0	1,025,938	
141		99,643	0	284,200	0	498,014	0	741,738	0	597,657	0	1,025,938	
142		99,643	0	284,200	0	498,014	0	741,738	0	597,657	0	1,025,938	

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (3/10)

Main Tel. Line /Sub	F/L	Business Subscribers				Residential Subscribers				Total		
		Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	
		F/L	(=AxB)	Tel	F/L	F/L	(=AxB)	Tel	F/L	F/L	(=AxB)	Tel
143	2	99,645	286	284,486	0	498,014	0	741,738	2	597,659	286	1,026,224
144		99,645	0	284,486	0	498,014	0	741,738	0	597,659	0	1,026,224
145		99,645	0	284,486	0	498,014	0	741,738	0	597,659	0	1,026,224
146	1	99,646	146	284,632	0	498,014	0	741,738	1	597,660	146	1,026,370
147	1	99,647	147	284,779	0	498,014	0	741,738	1	597,661	147	1,026,517
148		99,647	0	284,779	0	498,014	0	741,738	0	597,661	0	1,026,517
149		99,647	0	284,779	0	498,014	0	741,738	0	597,661	0	1,026,517
150		99,647	0	284,779	0	498,014	0	741,738	0	597,661	0	1,026,517
151	1	99,648	151	284,930	0	498,014	0	741,738	1	597,662	151	1,026,668
152		99,648	0	284,930	0	498,014	0	741,738	0	597,662	0	1,026,668
153		99,648	0	284,930	0	498,014	0	741,738	0	597,662	0	1,026,668
154		99,648	0	284,930	0	498,014	0	741,738	0	597,662	0	1,026,668
155	2	99,650	310	285,240	0	498,014	0	741,738	2	597,664	310	1,026,978
156		99,650	0	285,240	0	498,014	0	741,738	0	597,664	0	1,026,978
157		99,650	0	285,240	0	498,014	0	741,738	0	597,664	0	1,026,978
158	1	99,651	158	285,398	0	498,014	0	741,738	1	597,665	158	1,027,136
159		99,651	0	285,398	0	498,014	0	741,738	0	597,665	0	1,027,136
160	1	99,652	160	285,558	0	498,014	0	741,738	1	597,666	160	1,027,296
161	1	99,653	161	285,719	0	498,014	0	741,738	1	597,667	161	1,027,457
162	0	99,653	0	285,719	1	498,015	162	741,900	1	597,668	162	1,027,619
163	1	99,654	163	285,882	0	498,015	0	741,900	1	597,669	163	1,027,782
164		99,654	0	285,882	0	498,015	0	741,900	0	597,669	0	1,027,782
165		99,654	0	285,882	0	498,015	0	741,900	0	597,669	0	1,027,782
166		99,654	0	285,882	0	498,015	0	741,900	0	597,669	0	1,027,782
167		99,654	0	285,882	0	498,015	0	741,900	0	597,669	0	1,027,782
168		99,654	0	285,882	0	498,015	0	741,900	0	597,669	0	1,027,782
169		99,654	0	285,882	0	498,015	0	741,900	0	597,669	0	1,027,782
170	1	99,655	170	286,052	0	498,015	0	741,900	1	597,670	170	1,027,952
171	1	99,656	171	286,223	0	498,015	0	741,900	1	597,671	171	1,028,123
172	1	99,657	172	286,395	0	498,015	0	741,900	1	597,672	172	1,028,295
173	3	99,660	519	286,914	0	498,015	0	741,900	3	597,675	519	1,028,814
174	1	99,661	174	287,088	0	498,015	0	741,900	1	597,676	174	1,028,988
175		99,661	0	287,088	0	498,015	0	741,900	0	597,676	0	1,028,988
176	2	99,663	352	287,440	0	498,015	0	741,900	2	597,678	352	1,029,340
177		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
178		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
179		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
180		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
181		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
182		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
183		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
184		99,663	0	287,440	0	498,015	0	741,900	0	597,678	0	1,029,340
185	1	99,664	185	287,625	0	498,015	0	741,900	1	597,679	185	1,029,525
186		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
187		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
188		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
189		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
190		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
191		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
192		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
193		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
194		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
195		99,664	0	287,625	0	498,015	0	741,900	0	597,679	0	1,029,525
196	1	99,665	196	287,821	0	498,015	0	741,900	1	597,680	196	1,029,721
197		99,665	0	287,821	0	498,015	0	741,900	0	597,680	0	1,029,721
198		99,665	0	287,821	0	498,015	0	741,900	0	597,680	0	1,029,721
199	1	99,666	199	288,020	0	498,015	0	741,900	1	597,681	199	1,029,920
200		99,666	0	288,020	0	498,015	0	741,900	0	597,681	0	1,029,920
201	1	99,667	201	288,221	0	498,015	0	741,900	1	597,682	201	1,030,121
202		99,667	0	288,221	0	498,015	0	741,900	0	597,682	0	1,030,121
203		99,667	0	288,221	0	498,015	0	741,900	0	597,682	0	1,030,121
204		99,667	0	288,221	0	498,015	0	741,900	0	597,682	0	1,030,121
205		99,667	0	288,221	0	498,015	0	741,900	0	597,682	0	1,030,121
206		99,667	0	288,221	0	498,015	0	741,900	0	597,682	0	1,030,121
207		99,667	0	288,221	0	498,015	0	741,900	0	597,682	0	1,030,121
208	1	99,668	208	288,429	0	498,015	0	741,900	1	597,683	208	1,030,329
209		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
210		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
211		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
212		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
213		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (4/10)

Main Tel. Line /Sub	Business Subscribers				Residential Subscribers				Total			
	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.
	F/L	F/L	(=AxB)	Tel	F/L	F/L	(=AxB)	Tel	F/L	F/L	(=AxB)	Tel
214		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
215		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
216		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
217		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
218		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
219		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
220		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
221		99,668	0	288,429	0	498,015	0	741,900	0	597,683	0	1,030,329
222	1	99,669	222	288,651	0	498,015	0	741,900	1	597,684	222	1,030,551
223		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
224		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
225		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
226		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
227		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
228		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
229		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
230		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
231		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
232		99,669	0	288,651	0	498,015	0	741,900	0	597,684	0	1,030,551
233	1	99,670	233	288,884	0	498,015	0	741,900	1	597,685	233	1,030,784
234		99,670	0	288,884	0	498,015	0	741,900	0	597,685	0	1,030,784
235		99,670	0	288,884	0	498,015	0	741,900	0	597,685	0	1,030,784
236	1	99,671	236	289,120	0	498,015	0	741,900	1	597,686	236	1,031,020
237		99,671	0	289,120	0	498,015	0	741,900	0	597,686	0	1,031,020
238	1	99,672	238	289,358	0	498,015	0	741,900	1	597,687	238	1,031,258
239	1	99,673	239	289,597	0	498,015	0	741,900	1	597,688	239	1,031,497
240	1	99,674	240	289,837	0	498,015	0	741,900	1	597,689	240	1,031,737
241		99,674	0	289,837	0	498,015	0	741,900	0	597,689	0	1,031,737
242	1	99,675	242	290,079	0	498,015	0	741,900	1	597,690	242	1,031,979
243		99,675	0	290,079	0	498,015	0	741,900	0	597,690	0	1,031,979
244		99,675	0	290,079	0	498,015	0	741,900	0	597,690	0	1,031,979
245		99,675	0	290,079	0	498,015	0	741,900	0	597,690	0	1,031,979
246		99,675	0	290,079	0	498,015	0	741,900	0	597,690	0	1,031,979
247		99,675	0	290,079	0	498,015	0	741,900	0	597,690	0	1,031,979
248		99,675	0	290,079	0	498,015	0	741,900	0	597,690	0	1,031,979
249	2	99,677	498	290,577	0	498,015	0	741,900	2	597,692	498	1,032,477
250		99,677	0	290,577	0	498,015	0	741,900	0	597,692	0	1,032,477
251		99,677	0	290,577	0	498,015	0	741,900	0	597,692	0	1,032,477
252	1	99,678	252	290,829	0	498,015	0	741,900	1	597,693	252	1,032,729
253		99,678	0	290,829	0	498,015	0	741,900	0	597,693	0	1,032,729
254		99,678	0	290,829	0	498,015	0	741,900	0	597,693	0	1,032,729
255		99,678	0	290,829	0	498,015	0	741,900	0	597,693	0	1,032,729
256	1	99,679	256	291,085	0	498,015	0	741,900	1	597,694	256	1,032,985
257		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
258		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
259		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
260		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
261		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
262		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
263		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
264		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
265		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
266		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
267		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
268		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
269		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
270		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
271		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
272		99,679	0	291,085	0	498,015	0	741,900	0	597,694	0	1,032,985
273	1	99,680	273	291,358	0	498,015	0	741,900	1	597,695	273	1,033,258
274		99,680	0	291,358	0	498,015	0	741,900	0	597,695	0	1,033,258
275	1	99,681	275	291,633	0	498,015	0	741,900	1	597,696	275	1,033,533
276	1	99,682	276	291,909	0	498,015	0	741,900	1	597,697	276	1,033,809
277	1	99,683	277	292,186	0	498,015	0	741,900	1	597,698	277	1,034,086
278		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
279		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
280		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
281		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
282		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
283		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
284		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (5/10)

Main Tel. Line /Sub	Business Subscribers				Residential Subscribers				Total			
	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel
285		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
286		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
287		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
288		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
289		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
290		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
291		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
292		99,683	0	292,186	0	498,015	0	741,900	0	597,698	0	1,034,086
293	2	99,685	586	292,772	0	498,015	0	741,900	2	597,700	586	1,034,672
294		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
295		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
296		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
297		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
298		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
299		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
300		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
301		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
302		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
303		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
304		99,685	0	292,772	0	498,015	0	741,900	0	597,700	0	1,034,672
305	1	99,686	305	293,077	0	498,015	0	741,900	1	597,701	305	1,034,977
306		99,686	0	293,077	0	498,015	0	741,900	0	597,701	0	1,034,977
307	1	99,687	307	293,384	0	498,015	0	741,900	1	597,702	307	1,035,284
308		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
309		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
310		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
311		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
312		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
313		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
314		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
315		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
316		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
317		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
318		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
319		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
320		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
321		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
322		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
323		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
324		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
325		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
326		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
327		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
328		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
329		99,687	0	293,384	0	498,015	0	741,900	0	597,702	0	1,035,284
330	1	99,688	330	293,714	0	498,015	0	741,900	1	597,703	330	1,035,614
331		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
332		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
333		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
334		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
335		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
336		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
337		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
338		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
339		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
340		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
341		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
342		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
343		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
344		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
345		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
346		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
347		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
348		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
349		99,688	0	293,714	0	498,015	0	741,900	0	597,703	0	1,035,614
350	1	99,689	350	294,064	0	498,015	0	741,900	1	597,704	350	1,035,964
351		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
352		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
353		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
354		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
355		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (6/10)

Main Tel. Line /Sub	Business Subscribers				Residential Subscribers				Total			
	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.
		F/L	(=AxB)	Tel		F/L	(=AxB)	Tel		F/L	(=AxB)	Tel
356		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
357		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
358		99,689	0	294,064	0	498,015	0	741,900	0	597,704	0	1,035,964
359	1	99,690	359	294,423	0	498,015	0	741,900	1	597,705	359	1,036,323
360	1	99,691	360	294,783	0	498,015	0	741,900	1	597,706	360	1,036,683
361		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
362		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
363		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
364		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
365		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
366		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
367		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
368		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
369		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
370		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
371		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
372		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
373		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
374		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
375		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
376		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
377		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
378		99,691	0	294,783	0	498,015	0	741,900	0	597,706	0	1,036,683
379	1	99,692	379	295,162	0	498,015	0	741,900	1	597,707	379	1,037,062
380		99,692	0	295,162	0	498,015	0	741,900	0	597,707	0	1,037,062
381		99,692	0	295,162	0	498,015	0	741,900	0	597,707	0	1,037,062
382		99,692	0	295,162	0	498,015	0	741,900	0	597,707	0	1,037,062
383		99,692	0	295,162	0	498,015	0	741,900	0	597,707	0	1,037,062
384		99,692	0	295,162	0	498,015	0	741,900	0	597,707	0	1,037,062
385		99,692	0	295,162	0	498,015	0	741,900	0	597,707	0	1,037,062
386	1	99,693	386	295,548	0	498,015	0	741,900	1	597,708	386	1,037,448
387		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
388		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
389		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
390		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
391		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
392		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
393		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
394		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
395		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
396		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
397		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
398		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
399		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
400		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
401		99,693	0	295,548	0	498,015	0	741,900	0	597,708	0	1,037,448
402	1	99,694	402	295,950	0	498,015	0	741,900	1	597,709	402	1,037,850
403		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
404		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
405		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
406		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
407		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
408		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
409		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
410		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
411		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
412		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
413		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
414		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
415		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
416		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
417		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
418		99,694	0	295,950	0	498,015	0	741,900	0	597,709	0	1,037,850
419	1	99,695	419	296,369	0	498,015	0	741,900	1	597,710	419	1,038,269
420		99,695	0	296,369	0	498,015	0	741,900	0	597,710	0	1,038,269
421	1	99,696	421	296,790	0	498,015	0	741,900	1	597,711	421	1,038,690
422		99,696	0	296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
423		99,696	0	296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
424		99,696	0	296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
425		99,696	0	296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
426		99,696	0	296,790	0	498,015	0	741,900	0	597,711	0	1,038,690

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (7/10)

Main Tel. Line /Sub	F/L	Business Subscribers			Residential Subscribers			Total		# Tel (=AxB)	Accum. Tel	
		Accum.	# Tel (=AxB)	Accum.	F/L	# Tel (=AxB)	Accum.	F/L	Accum.			
427		99,696		296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
428		99,696		296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
429		99,696		296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
430		99,696		296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
431		99,696		296,790	0	498,015	0	741,900	0	597,711	0	1,038,690
432	1	99,697	432	297,222	0	498,015	0	741,900	1	597,712	432	1,039,122
433		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
434		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
435		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
436		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
437		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
438		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
439		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
440		99,697	0	297,222	0	498,015	0	741,900	0	597,712	0	1,039,122
441	1	99,698	441	297,663	0	498,015	0	741,900	1	597,713	441	1,039,563
442		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
443		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
444		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
445		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
446		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
447		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
448		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
449		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
450		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
451		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
452		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
453		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
454		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
455		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
456		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
457		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
458		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
459		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
460		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
461		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
462		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
463		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
464		99,698	0	297,663	0	498,015	0	741,900	0	597,713	0	1,039,563
465	1	99,699	465	298,128	0	498,015	0	741,900	1	597,714	465	1,040,028
466		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
467		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
468		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
469		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
470		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
471		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
472		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
473		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
474		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
475		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
476		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
477		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
478		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
479		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
480		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
481		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
482		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
483		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
484		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
485		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
486		99,699	0	298,128	0	498,015	0	741,900	0	597,714	0	1,040,028
487	1	99,700	487	298,615	0	498,015	0	741,900	1	597,715	487	1,040,515
488		99,700	0	298,615	0	498,015	0	741,900	0	597,715	0	1,040,515
489		99,700	0	298,615	0	498,015	0	741,900	0	597,715	0	1,040,515
490		99,700	0	298,615	0	498,015	0	741,900	0	597,715	0	1,040,515
491		99,700	0	298,615	0	498,015	0	741,900	0	597,715	0	1,040,515
492		99,700	0	298,615	0	498,015	0	741,900	0	597,715	0	1,040,515
493	1	99,701	493	299,108	0	498,015	0	741,900	1	597,716	493	1,041,008
494	1	99,702	494	299,602	0	498,015	0	741,900	1	597,717	494	1,041,502
495		99,702	0	299,602	0	498,015	0	741,900	0	597,717	0	1,041,502
496		99,702	0	299,602	0	498,015	0	741,900	0	597,717	0	1,041,502
497		99,702	0	299,602	0	498,015	0	741,900	0	597,717	0	1,041,502

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (8/10)

Main Tel. Line /Sub	F/L	Business Subscribers				Residential Subscribers				Total			
		Accum. F/L	# Tel (=AxB)	Accum. Tel	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel	
498	1	99,703	498	300,100	0	498,015	0	741,900	1	597,718	498	1,042,000	
499		99,703	0	300,100	0	498,015	0	741,900	0	597,718	0	1,042,000	
500		99,703	0	300,100	0	498,015	0	741,900	0	597,718	0	1,042,000	
501		99,703	0	300,100	0	498,015	0	741,900	0	597,718	0	1,042,000	
502	2	99,705	1,004	301,104	0	498,015	0	741,900	2	597,720	1,004	1,043,004	
503		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
504		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
505		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
506		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
507		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
508		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
509		99,705	0	301,104	0	498,015	0	741,900	0	597,720	0	1,043,004	
510	1	99,706	510	301,614	0	498,015	0	741,900	1	597,721	510	1,043,514	
511		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
512		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
513		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
514		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
515		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
516		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
517		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
518		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
519		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
520		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
521		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
522		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
523		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
524		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
525		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
526		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
527		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
528		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
529		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
530		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
531		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
532		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
533		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
534		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
535		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
536		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
537		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
538		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
539		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
540		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
541		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
542		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
543		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
544		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
545		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
546		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
547		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
548		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
549		99,706	0	301,614	0	498,015	0	741,900	0	597,721	0	1,043,514	
550	1	99,707	550	302,164	0	498,015	0	741,900	1	597,722	550	1,044,064	
551	2	99,709	1,102	303,266	0	498,015	0	741,900	2	597,724	1,102	1,045,166	
552		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
553		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
554		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
555		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
556		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
557		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
558		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
559		99,709	0	303,266	0	498,015	0	741,900	0	597,724	0	1,045,166	
560	1	99,710	560	303,826	0	498,015	0	741,900	1	597,725	560	1,045,726	
561		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
562		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
563		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
564		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
565		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
566		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
567		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	
568		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726	

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (9/10)

Main Tel. Line /Sub	Business Subscribers				Residential Subscribers				Total		# Tel (=AxB)	Accum. Tel
	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel	F/L	Accum. F/L	# Tel (=AxB)	Accum. Tel	F/L	Accum. F/L		
569		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
570		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
571		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
572		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
573		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
574		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
575		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
576		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
577		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
578		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
579		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
580		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
581		99,710	0	303,826	0	498,015	0	741,900	0	597,725	0	1,045,726
582	1	99,711	582	304,408	0	498,015	0	741,900	1	597,726	582	1,046,308
583		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
584		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
585		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
586		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
587		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
588		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
589		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
590		99,711	0	304,408	0	498,015	0	741,900	0	597,726	0	1,046,308
591	1	99,712	591	304,999	0	498,015	0	741,900	1	597,727	591	1,046,899
592		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
593		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
594		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
595		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
596		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
597		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
598		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
599		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
600		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
601		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
602		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
603		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
604		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
605		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
606		99,712	0	304,999	0	498,015	0	741,900	0	597,727	0	1,046,899
607	1	99,713	607	305,606	0	498,015	0	741,900	1	597,728	607	1,047,506
608		99,713	0	305,606	0	498,015	0	741,900	0	597,728	0	1,047,506
609	1	99,714	609	306,215	0	498,015	0	741,900	1	597,729	609	1,048,115
610		99,714	0	306,215	0	498,015	0	741,900	0	597,729	0	1,048,115
611		99,714	0	306,215	0	498,015	0	741,900	0	597,729	0	1,048,115
612		99,714	0	306,215	0	498,015	0	741,900	0	597,729	0	1,048,115
613		99,714	0	306,215	0	498,015	0	741,900	0	597,729	0	1,048,115
614		99,714	0	306,215	0	498,015	0	741,900	0	597,729	0	1,048,115
615	1	99,715	615	306,830	0	498,015	0	741,900	1	597,730	615	1,048,730
616	1	99,716	616	307,446	0	498,015	0	741,900	1	597,731	616	1,049,346
617		99,716	0	307,446	0	498,015	0	741,900	0	597,731	0	1,049,346
618		99,716	0	307,446	0	498,015	0	741,900	0	597,731	0	1,049,346
619		99,716	0	307,446	0	498,015	0	741,900	0	597,731	0	1,049,346
620		99,716	0	307,446	0	498,015	0	741,900	0	597,731	0	1,049,346
621		99,716	0	307,446	0	498,015	0	741,900	0	597,731	0	1,049,346
622	1	99,717	622	308,068	0	498,015	0	741,900	1	597,732	622	1,049,968
623		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
624		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
625		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
626		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
627		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
628		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
629		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
630		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
631		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
632		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
633		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
634		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
635		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
636		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
637		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
638		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968
639		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968

3-5 Frequency Table of the Number of Main Telephone Line per Subscriber in TOT (10/10)

Main Tel. Line /Sub	F/L	Business Subscribers				Residential Subscribers				Total			
		Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	F/L	Accum.	# Tel	Accum.	
		F/L	(=AxB)	Tel		F/L	(=AxB)	Tel		F/L	F/L	(=AxB)	Tel
640		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968	
641		99,717	0	308,068	0	498,015	0	741,900	0	597,732	0	1,049,968	
642	1	99,718	642	308,710	0	498,015	0	741,900	1	597,733	642	1,050,610	
643		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
644		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
645		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
646		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
647		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
648		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
649		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
650		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
651		99,718	0	308,710	0	498,015	0	741,900	0	597,733	0	1,050,610	
652	1	99,719	652	309,362	0	498,015	0	741,900	1	597,734	652	1,051,262	
Total		99,719	309,362	309,362		498,015	741,900	741,900		597,734	1,051,262	1,051,262	
Tel/Sub	Business User				Residential User				Business & Resident				
	F/L	%	Tel. Line	%	F/L	%	Tel. Line	%	F/L	%	Tel. Line	%	
1	60,473	60.64%	60,473	19.55%	391,537	78.62%	391,537	52.77%	452,010	75.62%	452,010	43.00%	
Sub T	39,246	39.36%	248,889	80.45%	106,478	21.38%	350,363	47.23%	145,724	24.38%	599,252	57.00%	
2-3	19,723	19.78%	53,652	17.34%	81,254	16.32%	219,612	29.60%	100,977	16.89%	273,264	25.99%	
4-5	9,467	9.49%	41,290	13.35%	19,460	3.91%	82,997	11.19%	28,927	4.84%	124,287	11.82%	
6-10	6,309	6.33%	45,726	14.78%	4,922	0.99%	34,407	4.64%	11,231	1.88%	80,133	7.62%	
11-50	3,407	3.42%	63,258	20.45%	833	0.17%	12,730	1.72%	4,240	0.71%	75,988	7.23%	
51-100	227	0.23%	15,543	5.02%	8	0.00%	455	0.06%	235	0.04%	15,998	1.52%	
101-200	60	0.06%	8,078	2.61%	1	0.00%	162	0.02%	61	0.01%	8,240	0.78%	
201-500	37	0.04%	12,080	3.90%	0	0.00%	0	0.00%	37	0.01%	12,080	1.15%	
500-	16	0.02%	9,262	2.99%	0	0.00%	0	0.00%	16	0.00%	9,262	0.88%	
Total	99,719	100.00%	309,362	100.00%	498,015	100.00%	741,900	100.00%	597,734	100.00%	1,051,262	100.00%	

Source: AT&T Directories (Thailand) LTD. 05/28/91

3-6 Questionnaire for High B-sub Busy Subscriber Survey (1/2)

1. Subscriber Name (Company/Individual):					
1.1 Answerer:					
2. Subscriber's Address:					
3. Subscriber Type: 1) Business, 2) Residence, 3) Both					
3.1 In case of Business, how many staff who use telephone do you have in your office?					
4. What kind of Telephone Systems are used ?					
Telephone Systems Type	Telephone No. (xxx-xxxx)	Push or Dial	Hunting Group (Y/N) & (P/NP)	No. of Main Tel. Line	No. of Tel. Set
1) Ordinary Telephone Set					
2) Key Telephone System					
3) PABX System					
5. Telephone Number that is well known to the others (Switch Type: SPC/XB)					
6. If Using Hunting System,					
6.1 Any necessary to increase main lines			1) Yes		
			2) No		
6.2 If yes, how many lines you need?					
7. If not using Hunting, why you are not using			1) No need		
			2) Did not know it		
			3) Want to use but not available		
			4) Others		
7.1 Please tell the reason in case 4):					
7.2 Is it possible for you to change your telephone number when it is necessary to introduce a hunting group systems ?			1) No		
			2) Yes		
7.3 (In case they have more than two main telephone lines and have not used the hunting system yet) Do you want to use the Hunting group system ?			1) Yes		
			* <TOT: do action for a subscriber to let them use the Hunting system>		
			2) No		
7.4 If your answer (8.3) is no, please tell the reason.					
8.1 Do you know the call waiting (C/W) service can be available if your telephone is tone-dial (push-button) type ?		1) Yes			
		If yes, how do you know C/W ?			
		*1 by TOT advertisement			
		*2 by TOT Directory			
		*3 by Other media			
		2) No			
		3) I do not know what is C/W.			
		<TOT: do action for a subscriber>			
8.2 Do you like to try to use the call waiting service if it is available ?		1) No			
		If no, please tell the reason.			
		2) yes			
		<TOT: do action for a subscriber>			

3-6 Questionnaire for High B-sub Busy Subscriber Survey (2/2)

Any comment or request for TOT from a Subscriber

1. Comments

.....
.....
.....

2. Requests

Contents	Staff in Charge	Action / Result	Reply to Subscriber

3. Complaints

Contents	Staff in Charge	Action / Result	Reply to Subscriber

3-7 CC Capacity of SPC Switch in the BMA (1/4)

Name	CC No.	1989 Year												1990 Year												1991 Year												CC Average (% (1991 year))																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
PNC T-3	1	82	75	57	68	72	70	75	71	71	76	80	83	69	27	61	62	64	57	61	61	57	47	46	46	32	29	44	52	89	85	67	84	87	84	88	82	77	72	82	83	76	28	75	74	82	68	74	70	62	55	51	51	36	32	43	60	85	82	69	83	85	83	87	81	77	78	85	82	69	29	61	61	67	64	63	66	57	53	52	51	43	44	50	57	80	75	58	74	77	70	73	73	69	75	78	79	71	28	71	75	76	76	82	70	64	63	64	40	36	63	63	70	63	76	70	54	66	71	68	73	69	66	70	75	75	71	27	62	69	66	69	70	76	64	59	56	56	47	47	58	63	79	72	55	70	78	73	76	73	72	75	79	83	72	29	70	73	75	75	74	80	72	61	67	60	60	57	60	69	76	69	52	71	71	67	72	69	59	75	80	66	58	24	60	62	71	62	69	68	63	48	54	53	50	49	48	58	89	85	67	81	88	82	85	78	75	82	89	85	85	32	83	83	83	73	74	78	69	62	60	61	54	52	65	68	87	83	64	80	84	82	85	81	79	83	89	86	80	31	78	81	84	73	79	81	77	67	65	62	41	43	67	71	82	78	57	69	82	80	85	77	78	81	85	67	65	24	62	67	70	69	70	70	70	61	57	58	35	29	57	64	45	44	37	44	48	44	43	42	42	46	54	60	54	23	54	56	56	47	48	58	46	43	57	41	19	18	48	48	41	37	30	37	34	31	32	34	34	36	41	43	43	17	40	44	39	37	37	42	39	46	37	35	22	24	39	39	39	35	29	34	34	26	27	28	28	30	31	31	37	22	38	42	42	39	39	43	41	39	39	37	26	30	40	39	40	33	28	32	34	26	27	29	27	31	33	39	43	18	37	42	43	44	44	49	44	40	41	40	29	29	43	43	30	27	24	28	30	33	34	37	36	41	44	47	51	21	46	48	50	45	46	49	47	44	44	47	48	30	46	46	32	29	25	30	30	35	38	46	40	49	52	53	49	19	45	50	52	40	40	44	49	46	43	44	30	29	48	44	31	29	27	30	31	34	38	45	43	45	52	53	53	20	44	47	48	40	44	46	50	45	44	46	20	21	47	45	33	28	24	26	28	25	28	30	46	51	54	53	47	19	39	38	40	36	38	41	38	39	35	37	23	20	43	38	37	34	26	34	37	31	32	31	34	45	40	36	17	34	36	42	41	42	47	47	41	49	40	42	29	21	43	43	38	38	31	45	49	44	49	59	59	56	59	66	68	26	60	57	62	55	56	59	59	53	54	50	49	21	22	48	54	46	42	36	49	43	39	40	45	48	50	56	60	60	20	54	58	61	58	56	59	54	53	50	49	26	24	47	53	36	30	27	30	31	33	35	38	36	41	45	50	50	19	44	47	49	47	50	51	45	43	42	42	1	42	45																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	SRR-4	OMC	80	83	84	74	80	76	83	80	87	85	86	84	83	55	79	81	80	79	80	80	84	74	75	75	74	73	78	75	74	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	82	79	45	71	78	71	41	72	79	81	64	64	70	62	67	65	69	67	84	80	69	75	65	79	76	79	82	81	

3-7 CC Capacity of SPC Switch in the BMA (2/4)

Unit Name	CC No.	1989 Year												1990 Year												1991 Year												CC Average % (1991 year)
		4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
SKW	OMC	62	63	44	54	53		53	49	49	51	51	51	58	32	44	43	41	29	40	44	44	40	40	42	46	41	43		41	40		42					
	OMC	62	63	44	54	53		53	49	49	51	51	51	58	32	44	43	41	29	40	44	44	40	40	42	46	41	43		41	40		42					
	1	81	81	58	73	73		74	81	83	83	83	83	85	42	75	76	72	41	64	65	67	57	57	56	62	57	63		56	59		60					
	1	81	81	58	73	73		74	81	83	83	83	83	85	42	75	76	72	41	64	65	67	57	57	56	62	57	63		56	59		60					
	2	77	81	53	67	74		69	71	69	77	77	77	78	31	64	65	55	31	64	65	67	50	52	52	54	50	53		51	50		55					
	3	28	28	20	23	23		24	31	30	34	34	33	40	16	33	34	53	21	64	65	67	39	39	39	45	42	45		44	41		48					
	4	21	21	15	18	18		19	20	19	21	20	20	25	14	23	23	28	16	26	28	30	25	25	27	28	29	29		30	30		28					
	5	20	19	15	17	18		19	19	19	20	20	20	25	15	20	20	21	16	21	22	25	23	25	24	25	25	27		24	25		24					
	6	23	23	22	23	23		27	23					26	14	23	24	26	17	24	25	26	23	27	25	25	25	27		26	25		25					
	7	27	15	16	18	18		17						26	16	28	28	32	18	30	32	32	30	31	30	31	30	33		33	32		31					
	7	31	27	26	34	33		27	15	19	18	18	17	26	16	28	28	32	18	30	32	32	30	31	30	31	30	33		33	32		31					
	8	13	13	13	13	13		15	16	16	16	16	17	20	15	21	24	28	19	26	26	30	28	29	30	32	30	32		31	31		30					
8	13	13	13	13	13		15	16	16	16	16	17	20	15	21	24	28	19	26	26	30	28	29	30	32	30	32		31	31		30						
9	13	13	13	13	13		11	11	11	12	11	11	16	12	15	14	15	10	14	15	15	15	16	16	16	16	17		22	16		16						
BNA-2	0	50	47	45	45	51	45	48	45	47	50	50	58	73	41	74	81	73	36		67	36	36	40	33	36	34	35		35	39		39					
	0	47	45			45	48	45	47	50	50	58	73	41	74	81	73	36		67	36	36	40	33	36	34	35		35	39		39						
	1	42	43	38	42	46	32	44	42	43	46	47	50	53	30	49	52	48	33		50	44	48	54	44	45	41	41		44	47		47					
	1	43	38			32	44	42	43	46	47	50	53	30	49	52	48	33		50	44	48	54	44	45	41	41		44	47		47						
	2	37	37	36	38	47	37	42	43	45	50	48	50	57	35	57	67	64	38		56	51	53	55	50	49	52	47		48	51		51					
	2	37	36			37	42	43	45	50	48	50	57	35	57	67	64	38		56	51	53	55	50	49	52	47		48	51		51						
	0	43	42	37	38	44	39	44	39	41	45	44	43	43	33	37	44	43	27	36	38	44	39	39	37	36	41	44	40		42	40		45				
	1	48	48	42	43	48	44	48	47	48	51	50	49	47	35	48	58	49	32	43	46	52	46	50	44	44	47	44	40		42	45		45				
	1	48	48	42	43	48	44	48	47	48	51	50	49	47	35	48	58	49	32	43	46	52	46	50	44	44	47	46	45		46	46		46				
	2	33	32	27	27	31	30	41	30	31	33	33	33	31	23	31	36	33	22	28	30	33	30	32	28	30	30	30	29	30		30	30		30			
	3	32	30	25	26	28	30	32	31	31	37	34	35	39	28	36	40	34	27	39	39	47	44	46	45	46	48	47	45		46	45		45				
	3	32	30	25	26	28	30	32	31	31	37	34	35	39	28	36	40	34	27	39	39	47	44	46	45	46	48	47	45		46	45		45				
4	21	21	18	21	22	21	26	25	27	29	27	28	27	22	28	32	27	21	29	30	33	30	31	30	31	33	33	32		34	31		31					
5	16	16	15	15	16	20	20	20	21	22	23	22	22	18	23	25	22	17	21	22	23	22	23	22	23	29	24	24		27	24		24					
STD-2	OMC	42	45	39	42	42	42	45	48	43	52	59	57	47	28	46	50	48	33	43	49	55	49	47	47	48	52	54	51		49		49					
	0	46	54	43	46	48	42	50	45		37	34	38							56	60	58	57	56	51	54	58	54		52	53		55					
	0	46	54	43	46	48	42	50	45		37	34	38							56	60	58	57	56	51	54	58	54		52	53		55					
	1	56	60	48	53	54	55	62	67	57	74	74	75							56	60	58	57	56	51	54	58	54		52	53		61					
	1	56	60	48	53	54	55	62	67	57	74	74	75							56	60	58	57	56	51	54	58	54		52	53		61					
	0	33	33	30	36	33	31	34	35	36			45	44	36	47	50	37	25	43	34	40	33	47	33	33	32	34	34	31		31		35				
	1	34	36	29	33	34	35	36	39	38			50	46	32	47	61	46	29	44	49	44	43	47	42	45	50	49	49	45		44		46				
	1												50	46	32	47	61	46	29	44	49	44	43	47	42	45	50	49	49	45		44		46				
	2	14	15	14	15	16	21	20	19	23			31	27	20	31	44	32	19	30	30	32	31	36	28	31	32	35	34	31		33		32				
	2	15	14				21	20	19	23			31	27	20	31	44	32	19	30	30	32	31	36	28	31	32	35	34	31		33		32				
	PKG T-6	1	63	63	44	55	53		59	66	63	65	64	57	31	59	65		41		55	58	54	52	51	51	53	52	47		45	52		52				
		2	67	66	47	60	62		63	52	58	60	60	52	27	52	54		33		51	48	52	42	46	44	43	46	52		46	47		47				
3		56	55	39	49	51		52	49	57	58	58	54	32	58	60		38		46	50	50	44	45	46	46	47	42		48	46		46					
4		64	64	44	59	57		64	62	70	71	72	60	37	64	71		42		61	56	56	47	49	48	49	49	47		63	53		53					
5		55	55	38	48	46		55	51	58	58	57	51	31	51	55		36		50	51	50	46	46	48	46	45	43		57	48		48					
6		68	70	47	61	63		67	62	72	70	69	64	37	69	72		37		56	59	52	48	50	50	53	53	51		59	53		53					
7		38	39	30	36	37		42	42	49	46	44	40	28	44	48		27		33	35	34	31	30	30	32	32	31		47	34		34					
8		49	50	36	45	45		48	49	53	52	52	45	27	50	53		26		42	45	47	34	34	34	35	36	32		36	38		38					
9		51	51	36	45	45		49	50	55	54	53	48	33	55	58		28		42	40	40	36	34	36	37	37	34		66	40		40					
10		59	58	40	51	51		52	55	63	59	59	51	29	56	64		29		44	41	39	34	32	32	33	34	32		56	38		38					
11		11	12	12	13	13		13	13	14	14	14	15	14	15	15		12		14	15	15	16	15	16	16	16	15		45	18		18					
12		20	22	18	22	25		33	33	37	37	37	41	25	42	49		25		35	37	37	35	39	36	38	37	39		45	37		37					
13	22	25	19	23	29		33	35	39	38	38	36	21	36	45		24		32	36	35	34	35	37	38	38	34		41	36		36						
14	19	19	17	19	21		27	28	32	32	32	33	20	35	40		23		37	39	37	37	35	36	38	37	36		41	37		37						
15	16	16	14	17	23		20	31	33	32	31	36	22																									

3-7 CC Capacity of SPC Switch in the BMA (3/4)

Unit Name	CC No.	1989 Year												1990 Year												1991 Year												CC Average (% 1991 Year)
		4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
ONT	OMCP	0	47	47	36	44	47	45	49	46	48	52	52	53	40	53	58	48	35	46	48	48	45	49	46	48	45	47	43	44	46							
	0	47	47	36	44	47	45	49	46	48	52	52	53	40	53	58	48	35	46	48	48	45	49	46	48	45	47	43	44	46								
	1	33	33	26	32	34	33	34	35	32	39	39	36	29	43	48	39	29	35	40	40	37	38	37	38	40	40	38	43	39								
	2	11	11	11	11	12	13	14	14	15	16	16	13	22	21	19	17	16	18	17	16	18	18	18	18	18	18	17	17	18	17							
	3	11	11	11	11	11	12	13	13	13	15	15	16	14	22	23	21	18	20	21	22	22	21	20	21	20	21	27	24	21	24	21						
	4	11	11	11	12	12	12	13	14	14	14	14	17	15	20	21	18	15	18	19	20	20	21	20	21	20	21	27	24	21	24	21						
SPK-2	0	46	54	43	46	48	42	50	45	45	37	34	38	33	23	33	36	33	23	33	35	35	34	36	35	37	37	42	32	35	36							
	0	46	54	43	46	48	42	50	45	45	37	34	38	33	23	33	36	33	23	33	35	35	34	36	35	37	37	42	32	35	36							
PSP-2	0	44	47	46	43	54	57	61	56	55	67	64	61	61	37	61	65	61	41						56	58	60	65	64	57	60							
	0	44	47	46	43	54	57	61	56	55	67	64	61	61	37	61	65	61	41						56	58	60	65	64	57	60							
BFL	0	54	70	46	56	66	67	76	77	72	78	65	77	77	42	70	79		47	79	63	73	66	73		74	66	73	72	73	71							
	0	54	70	46	56	66	67	76	77	72	78	65	77	77	42	70	79		47	79	63	73	66	73		74	66	73	72	73	71							
BKE-2	0	44	45	39	37	38	41	51	43	43	47	49	53	49	33	40	47	42	36	41	39	49	39	43	39	40	43	44	39	37	39	40						
	0	44	45	39	37	38	41	51	43	43	47	49	53	49	33	40	47	42	36	41	39	49	39	43	39	40	43	44	39	37	39	40						
BGT-2	0	61	49	57	61	51	60	59	53	51	48	52	46	38	48	46	65	42	45	49	44	46	47	44	52	44	40	44	45	45	45							
	0	61	49	57	61	51	60	59	53	51	48	52	46	38	48	46	65	42	45	49	44	46	47	44	52	44	40	44	45	45	45							
PSN-2	OMC	30	29	30	28	30	31	33	34	33	36	36	38																			0						
	OMCP	30	29	30	28	30	31	33	34	33	36	36	38																			0						
CSW-2	0	49	51	37	51	48	48	52	54	48	54	54	59																		0							
	0	49	51	37	51	48	48	52	54	48	54	54	59																		0							
RBN	0	36	37	29	32	33	35	47	38	38	42	37	40	33	36	32	36	33	29	34	35	36	32	39	33	34	33	39	41	36	35	36						
	0	36	37	29	32	33	35	47	38	38	42	37	40	33	36	32	36	33	29	34	35	36	32	39	33	34	33	39	41	36	35	36						
LTY T-8	0	66	65	42	57		62	66	67	71	78	75	88	61	73	63	71	57		50	49	56		46	44	50	48	50	47	44	49							
	0	66	65	42	57		62	66	67	71	78	75	88	61	73	63	71	57		50	49	56		46	44	50	48	50	47	44	49							
BKC	0	62	67		61	62	62	67	66	72	68	73	72	68	73	69	74	69	46	59	61	61	63	62	63		67	66	65	61	64	63						
	0	62	67		61	62	62	67	66	72	68	73	72	68	73	69	74	69	46	59	61	61	63	62	63		67	66	65	61	64	63						
NGK	0	77	78	71	79	84	82	85	84	86	79	82	86																			37						
	0	77	78	71	79	84	82	85	84	86	79	82	86																			37						
PPG-2	OMC	59	52	42	47	47	51	58	51	58	59	80	63	62	64	58	60	56														60						
	0	59	52	42	47	47	51	58	51	58	59	80	63	62	64	58	60	56														60						
PPG-2	0	38	40	30	36	36	41	43	40	43	44	46	46	43	49	41	44	44														61						
	0	38	40	30	36	36	41	43	40	43	44	46	46	43	49	41	44	44														61						

3-8 Concentrator Usage of SPC Switch in the BMA (2/12)

Unit Name	CP No	HW No	1989 Year												1990 Year												1991 Year												Average
			4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
SRR 4	8	0	69	53	52	52	55	46	54	52	50	52	48	59	45	15	51	63	64	83	95	88	96	98	91	94	92	88	95	103	96	94							
SRR 4		1	33	27	30	29	5	26	34	36	33	44	46	43								68	73	76								77							
SRR 4		2	23	18	23	22	27	23	25	28	25	31	34	35	61	23	62	65	0														n.d.						
SRR 4		3	40	27	27	34	30	32	40	37	39	39	40	51	76	27	78	59	0														n.d.						
KKM		1	0																														n.d.						
KKM		2	0																															n.d.					
KKM		3	0																															n.d.					
KKM		4	0																															n.d.					
KKM		5	0																															n.d.					
KKM		3	89	86	69	89																												n.d.					
KKM		6	0																															n.d.					
KKM		3	71	72	61	78																												n.d.					
KKM		7	0	111	106	78	96																											n.d.					
KKM		1	111	101	70	99																												n.d.					
KKM		3	29	23	21	24																												n.d.					
KKM		8	0																															n.d.					
KKM		9	0																															n.d.					
KKM		10	0																															n.d.					
KKM		11	0																															n.d.					
KKM		12	0																															n.d.					
KKM		13	0																															n.d.					
KKM		14	0																															n.d.					
KKM		15	0																															n.d.					
KKM		16	0																															n.d.					
KKM		17	0																															n.d.					
SRW 4	OM	0	150	153	128	158	161	168	171	133	158	169	166	158	51	170	169	168	165	168	176	165	168	176	165	152						165							
SRW 4		1	147	145	122	159	150	154	159	122	153	151	157	156	43	164	162	167	155	154	168	154	150	150	150	150	150						156						
SRW 4		2	150	157	136	156	154	164	164	134	171	161	174	169	46	164	181																0						
SRW 4	1	0	112	113	101	112	115	113	110	90	115	112	114	113	33	125	127	129	125	135	142	130	132									133							
SRW 4		1	113	110	97	109	115	123	122	91	112	116	125	169	37	130	129	136	134	138	143	131	128									135							
SRW 4		2	122	116	108	124	121	124	127	106	123	128	125	151	41	136	141	146	142	149	159	144	133									146							
SRW 4	1	0	111	117	102	113	114	113	111	94	108	115	111	116	36	125	132																0						
SRW 4		1	73	73	64	74	76	74	76	66	72	81	82	72	32	85	94																0						
SRW 4	2	0	150	158	128	156	170	178	166	126	167	165	168	159	46	159	163	156	153	158	161	149	147									153							
SRW 4		1	155	155	137	160	159	157	163	122	170	166	168	169	42	159	167	152	165	157	168	159	157										161						
SRW 4		2	137	151	122	151	160	158	157	105	158	158	159	151	44	157	159	161	160	164	165	159	146										159						
SRW 4	3	0	107	130	94	170	144	54	59	52	64	72	71	72	27	74	69	82	74	88	83	81	74									80							
SRW 4		1	0	0	0	0	0	19	37	37	46	50	54	30	68	47	65	80	83	89	98	86										87							
SRW 4		2	0	0	0	0	0	43	74	69	96	105	146	37	150	138	159	140	147	150	150	142											n.d.						
SRW 4	4	0	100	114	90	97	111	110	116	87	115	132	135	122	29	122	120	117	107	109	124	106	110									111							
SRW 4		1	47	67	57	77	76	94	100	73	101	107	113	122	29	122	120	117	107	109	124	106	110										111						
SRW 4		2	1	6	20	52	78	138	145	105	153	158	168	159	22	164	159	149	152	149	159	151	142										151						
SRW 4	5	0	103	114	97	106	118	116	113	78	114	128	143	43	17	54	96	114	109	115	112	119	152									121							
SRW 4		1	0	0	0	0	1	65	75	76	90	95	98	22	16	22	28	23	24	23	22	17	123									42							
SRW 4		2	0	0	0	0	0	0	10	14	21	17	19	20	9	20	27	26	36	41	48	47	69									48							
SRW 4	5	0	9	14	12	13	12	17	17	11	18	17	24	41	21	37	12	32	109	115	112	119	121									115							
SRW 4		1	0	0	0	0	0	0	0	25	23	25	27	2	0	2	3	3	24	23	22	17	32									24							
SRW 4		2	0	0	0	0	0	1	17	19	18	19	21	103	10	105	98	111	36	41	48	47	48										44						
SRW 4	6	0	0	0	0	0	0	48	41	37	45	39	47	41	21	37	12	32	17	34	23	51	47									34							
SRW 4		1	0	0	0	0	0	0	2	2	2	2	2	2	0	2	3	3	3	4	7	19	27									12							
SRW 4		2	0	0	0	0	0	55	60	44	79	85	97	103	10	105	98	111	113	106	115	118	109										112						
SRW 4	6	0	0	0	1	0	0	47	42	39																							n.d.						
SRW 4		1	110	111	98	110	123	128	124	110																							n.d.						
SRW 4		2	81	89	72	83	92	103	113	78																							n.d.						
SRW 4		3	54	64	53	68	79	82	87	53																							n.d.						
SMS 2	OM	0	93	85	69	78	83	79	82	85	84	83	89	97	78	61	78	100	87	94	104	84	85	83	87	85	87	85	87	85	87	89							
SMS 2		3	92	99	68	81	84	82	84	83	82	84	85	87	85	42	86	93	58	85	97	85	78	85	87	82	87	82	87	86	86	86							
SMS 2	1	0	94	85	74	84	93	85	81	94	85	89	85	92	82	68	92	98	91	90	103	84	82	89	94	87	88	84	84	85	85	90							
SMS 2		2	84	84	63	74	80	74	73	83	79	82	86	91	76	63	85	93	86	85	102	78	82	81	85	84	84	84	85	85	85	85							
SMS 2		3	23	28	27	33	38	46	51	65	66	81	89	96	99	56	100	112	113	106																			

