

付録3 世界各国の電話サービス

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このデータは、インドネシアの電話供給量の目標値設定のために使用しており、略称は次のとおりである。

MAIN LINE	:	本電話機機
POPULATION	:	総人口
TEL. DENSITY	:	電話普及率(本電話機数/100人)
GDP/CAPITA	:	国民1人当たり国内総生産

表A-3-1 世界各国の電話サービス(1979年)

表A-3-2 世界各国の電話サービス(1984年)

表A-3-1 世界各國の電話サービス (1979年)

NO	COUNTRY	MAIN LINE ($\times 10^3$)	POPULATION ($\times 10^3$)	TEL. DENSITY (/100 PERSONS)	GDP/CAPITA (US\$1979)
1	AUSTRALIA	4449	14422	30.85	6917
2	AUSTRIA	2033	7503	27.10	7781
3	BELGIUM	2317	9855	23.51	-
4	CANADA	9595	23810	40.30	8632
5	COLUMBIA	1022	26395	3.87	875
6	COSTA RICA	134	2156	6.20	1643
7	CYPRUS	69	624	11.12	2550
8	DENMARK	2155	5122	42.07	10672
9	FIJI	21	624	3.41	1553
10	FINLAND	1647	4772	34.51	8449
11	FRANCE	13959	53589	26.05	11337
12	W GERMANY	18917	61440	30.79	13160
13	GREECE	2156	9480	22.74	3475
14	HONGKONG	1173	4990	23.51	4161
15	INDIA	1868	647000	0.29	191
16	INDONESIA	317	143457	0.22	341
17	IRELAND	436	3405	12.80	-
18	ISRAEL	730	3761	19.41	2992
19	ITALY	12172	57020	21.35	5483
20	JAPAN	37214	115622	32.19	8056
21	KENYA	70	15427	0.45	325
22	KOREA REP	2341	37365	6.27	1536
23	MALAWI	11	5898	0.18	150
24	MALAYSIA	325	13550	2.40	1498
25	MALTA	47	312	14.90	-
26	MAURITIUS	23	924	2.44	853
27	MAROCOCO	154	19358	0.80	855
28	NEPAL		13710	0.00	135
29	NORWAY	1090	4079	26.72	10558
30	NEWZEALAND	1092	3146	34.72	5070
31	NEDERLAND	4605	14091	32.68	10619
32	PAKISTAN	286	83345	0.34	288
33	PAPUA NG	23	3125	0.73	749
34	PERU	287	17221	1.67	797
35	PHILIPINE	389	47005	0.83	562
36	PORTUGAL	940	9883	9.51	2013
37	SINGAPORE	465	2384	19.50	3662
38	SOUHT AFRK	1508	24356	6.19	2236
39	SWEDEN	4678	8303	56.34	12188
40	SWITZERLAND	2755	6356	43.34	15534
41	SIRIA	191	8647	2.21	1138
42	THAILAND	332	46114	0.72	592
43	SPAIN	6698	37181	18.01	5266
44	UN KINGDOM	16462	55835	29.48	-
45	UN STATE	91265	226444	40.30	-
46	URUGUAY	212	2831	7.49	1982
47	VENESUELA	701	13616	5.15	3554
48	ZAMBIA	30	5630	0.53	607
49	ZIMBAGWE	93	7130	1.30	556

表A-3-2 世界各國の電話サービス (1984年)

NO	COUNTRY	MAIN LINE ($\times 10^3$)	POPULATION ($\times 10^3$)	TEL. DENSITY (/100 PERSONS)	GDP/CAPITA (US\$1984)
1	AUSTRALIA	6033	15544	38.81	6988
2	AUSTRIA	2641	7552	34.97	7362
3	BELGIUM	2951	9858	29.94	6699
4	CANADA	10600	25260	41.96	12340
5	COLUMBIA	1506	29880	5.04	1085
6	COSTA RICA	202	2512	8.06	1258
7	CYPRUS	128	662	19.39	2702
8	DENMARK	2466	5111	48.25	9841
9	FIJI	29	693	4.16	2066
10	FINLAND	2103	4898	42.94	8544
11	FRANCE	22086	54979	40.17	8104
12	W GERMANY	24603	61090	40.27	9075
13	GREECE	2927	9930	29.48	2603
14	HONGKONG	1641	5398	30.40	5238
15	INDIA	2668	732698	0.36	220
16	INDONESIA	536	161239	0.33	480
17	IRELAND	649	3510	18.50	3408
18	ISRAEL	1040	4137	25.14	2257
19	ITALY	16521	57103	28.93	5056
20	JAPAN	43811	119483	36.67	9783
21	KENYA	106	19540	0.54	238
22	KOREA REP	5696	40430	14.09	2010
23	MALAWI	19	6839	0.27	146
24	MALAYSIA	849	15300	5.55	2062
25	MALTA	80	332	24.08	-
26	MAURITIUS	38	989	3.82	911
27	MAROCCHO	215	22061	0.98	500
28	NEPAL	19	16679	0.11	128
29	NORWAY	1618	4146	39.03	10530
30	NEWZEALAND	1226	3266	37.53	7021
31	NEDERLAND	5643	14453	39.04	6993
32	PAKISTAN	441	91945	0.48	286
33	PAPUA NG	28	3228	0.87	599
34	PERU	384	18385	2.09	3380
35	PHILIPINE	481	53352	0.90	409
36	PORTUGAL	1325	10182	13.01	1605
37	SINGAPORE	743	2544	29.20	6301
38	SOUHT AFRK	2153	26389	8.16	1694
39	SWEDEN	5128	8342	61.47	9291
40	SWITZERLAND	3184	6505	48.95	12180
41	SIRIA	416	10024	4.15	2020
42	THAILAND	519	50583	1.03	830
43	SPAIN	8882	38387	23.14	3629
44	UN KINGDOM	20193	56371	35.82	6650
45	UN STATE	96500	236600	40.79	15475
46	URUGUAY	260	2990	8.68	1158
47	VENESUELA	1514	16851	8.98	2691
48	ZAMBIA	41	6050	0.68	327
49	ZIMBAGWE	106	7539	1.40	301

付録4 インドネシアの既設電気通信設備

付録 4 インドネシアの既設電気通信設備

表 A-4-1 既設電話設備および PELITA-IV 増設計画
略号は次頁に示す。

表 A-4-2 既設衛星通信地球局および PELITA-IV 増設計画

NO.	IKK	KAB WITEL CODE	RANK T/S/P	EXCHANGE NAME	AREA CODE	SWITCH	MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	C.OVER	PELITA IV	TOTAL
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]

3078 #	111	1502		BANGKO	746	EVSD		OT						600	600
3079 #	111	1505	P	MUJARA BUNGO	747	ABK-2028		LB	200	73	197				200
3080 #	111	1501	P	SUNGAIPENUH	748	ABK-2021		LB	800	584	127				800
TOTAL									38,323	28,332	21,517	200	49,800	82,893	
												-100	-5,330		

[16]

項目	注	釈	入	手	先
[1]	* 666 WITEL 内通し番号 WITEL No.				
[2]	* : IBU KOTA KABUPATEN (県都) ** : KOTAMADYA (市)		中央統計局		(BIRO PUSAT STATISTIK 1980)
[3]	WITEL No.				
[4]	KABUPATEN/KOTAMADYA の各 CODE No. を示す。		中央統計局		(BIRO PUSAT STATISTIK 1980)
[5]	市外交換機が設置されている代表的な、局名と局階位を示す。 T:Tertiary Center. S:Secondary Center. P:Primary Center.		POSTEL		(FUNDAMENTAL TECHNICAL PLAN 1985)
[6]	市内交換機 設置局を示す。		BINPRO SENTEL		(BUKU DATA SENTRAL TELEPON TAHUN 1984)
[7]	Primary Center の局番を示す。		POSTEL		(FUNDAMENTAL TECHNICAL PLAN 1985)
[8]	交換機種を示す。				
[9]	交換機型式を示す。 OT : 自動 (Automatic) LB : 手動 (Local Battery) CB : 手動 (Common Battery)		BINPRO SENTEL		(BUKU DATA SENTRAL TELEPON TAHUN 1984)
[10]	市内交換機の既設容量を示す。				
[11]	市内交換機の収容加入者数を示す。		MATEL		(1985 December)
[12]	市内交換機の積滞数を示す。				
[13]	第3次5年 計画の CARRY OVER 数を示す。				
[14]	第4次5年 計画の新設設備数を示す。		BINPRO SENTEL		(PELITA-IV REVISI-6 JANUARI 1986)
[15]	[10] + [13] + [14]				
[16]	合計値は新設、撤去それぞれ別計を示す。 *手動局の撤去については対象局を推定した。				

Table A-4-1(1/27) Existing Telephone Facility by Kabupaten (1/27)

FILE: TEL10.PRN (11254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
													C.OVER	TOTAL
1001	**	I	1275	T.S.P	MEDAN I	61	UR-49A	OT	8,000					8,000
1002	**	I	1275		MEDAN II	61	ARF-102	OT	7,000					7,000
1003	**	I	1275		MEDAN III	61	MC-10C	OT	10,000	28,455	19,943			10,000
1004	**	I	1275		MEDAN IV	61	MC-10C	OT	10,000					10,000
1005	**	I	1275		MEDAN V	61	EWS	OT						10,000
1006	**	I	1275		MEDAN PULAU BRAYAN	61	EWS	OT						11,000
1007	**	I	1275		MEDAN SUKA RAMAI	61	EWS	OT						12,000
1008	**	I	1275		MEDAN PADANG BULAN	61	EWS	OT						8,000
1009	**	I	1275		MEDAN CINTA DAMAI	61	EWS	OT						7,000
1010	**	I	1275		MEDAN SIMPANG LIMUN	61	EWS	OT						7,000
1011	**	I	1275		MEDAN TANJUNG MULIA	61	EWS	OT						3,000
1012	**	I	1210		BELAWAN	61	PC-1000C	OT	1,000	826	290			1,000
1013	**	I	1210		BELAWAN	61	EWS	OT						2,000
1014	**	I	1211		TANJUNGPURA	61	ABK-2021	LB	200	90	34			200
1015	**	I	1274	P	TEBING TINGGI	621	PC-1000C	OT	1,000	952	31			1,000
1016	*	I	1210		LUBUK PAKAM	621	ABK-2021	LB	400					0
1017	*	I	1210		LUBUK PAKAM	621	EWS	OT		234	3			1,000
1018	**	I	1210		GALANG	621	ADH-1602	LB	100	51	0			100
1019	**	I	1273	P	P. SIANTAR	622	PC-1000C	OT	4,000	3,939	242			4,000
1020	**	I	1273		P. SIANTAR	622	EWS	OT						2,000
1021	**	I	1273		P. SIANTAR RAMBUNG M	622	EWS	OT						1,000
1022	**	I	1207		PARAPAT	622	PC-1000C	OT	1,000	189	0			1,000
1023	**	I	1207		BERAS TAGI	622	ABK-2021	LB	400	205	8			400
1024	**	I	1207		TIGA BINANGA	622	ABH-1610	LB	50	22	0			50
1025	**	I	1207		STABIT	622	SAT(SBK)	OT						400
1026	**	I	1206	P	KISARAN	623	PC-1000C	OT	1,000	685	41			1,000
1027	**	I	1206		DOLOK MERANGIR	623	ABK-205	LB	70	18	0			70
1028	**	I	1206		SUNGAI RAMPAH	623	ABK-206	LB	80	36	0			80
1029	**	I	1272		TANJUNG BALAI	623	DSM-150	LB	570					0
1030	**	I	1272		TANJUNG BALAI	623	EWS	OT		567	17			1,000
1031	**	I	1206		PERLANAAN	623	ABK-205	LB	70	19	0			70
1032	**	I	1206		LABUHAN RUKU	623	ABH-1610	LB	50	31	0			50
1033	**	I	1206		PULAU RAKYAT	623	ABH-1602	LB	50	16	0			50
1034	**	I	1206		DOLOG SANGGUL	623	ABK-205	LB	140	91	0			140
1035	*	I	1206	P	INALUM/NEWTOWN	623	N-230L-1000	OT	1,000	218	0			1,000
1036	*	I	1205		RANTAUPRAPAT	624	ABK-2021	LB	600					0
1037	*	I	1205		RANTAUPRAPAT	624	EWS	OT		575	48			3,000
1038	*	I	1205		MAMBANG MUDA	624	ABK-206	LB	100					0
1039	**	I	1205		MAMBANG MUDA	624	SAT(SBK)	OT		72	0			200
1040	**	I	1205		KOTA PINANG	624	ABK-206	LB	100	45	0			0

Table A-4-1(2/27) Existing Telephone Facilities by Kabupaten (2/27)

FILE:TEL10.PRN (11254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	EXCHANGE NAME	AREA	TYPE	CAPACITY (EXIST)	NO. OF SUB	WAITING	CAPACITY	
											C.OVER	PELITA IV
1041	I	1205	I	1205	KOTA PINANG	624 SAT(SBK)	OT				200	200
1042	I	1205	I	1205	AEK NABARA	624 ABK-2021	LB	100	54	0		100
1043	I	1205	I	1205	LABUHAN BILIK	624 ABK-206	LB	100	27	0		100
1044	I	1205	I	1205	NEGERIBARU	624 ABK/ABH-1610	LB	50	18	0		50
1045	I	1205	I	1205	LINGGA PAYUNG	624 ABH-1610	LB	50	16	0		50
1046	I	1204	I	1204	PANGURURAN	626 ABH-1610	LB	100			-100	0
1047	I	1204	I	1204	PANGURURAN	626 SAT(SBK)	OT		50	5	200	200
1048	I	1208	I	1208	SIDIKALANG	627 ABK-2021	LB	500	348	6		500
1049	I	1209	I	1209	KABANJAHE	628 UR-49A	OT	800	573	5		800
1050	I	1209	I	1209	KABANJAHE II	628 ABH-1610	LB	30	14	0		30
1051	I	1102	I	1102	KUTA CANE	629 ABK-2021	LB	300	131	2		300
1052	I	1211	I	1211	PANGKALAN BRANDAN	620 ABK-2021	LB	200	137	5		200
1053	I	1276	I	1276	BINJAI	620 PC-1000C	OT	1,000	959	387		1,000
1054	I	1276	I	1276	DINJAI	620 EWSD	OT				2,000	2,000
1055	I	1211	I	1211	KUALA	620 ABH-1610	LB	50			-50	0
1056	I	1211	I	1211	KUALA	620 SAT(SBK)	OT		40	23	200	200
1057	I	1211	I	1211	PANGKALAN SUSU	620 ABH-162	LB	50	27	2		50
1058	I	1271	I	1271	S.P SIBOLGA	631 PC-1000C	OT	2,000	985	22		2,000
1059	I	1271	I	1271	SIBOLGA	631 ABH-165	LB	50	8	0		50
1060	I	1204	I	1204	BALIGE	632 ABK-205	LB	140			-140	0
1061	I	1204	I	1204	BALIGE	632 SAT(SBK)	OT		103	3	400	400
1062	I	1204	I	1204	SIBORONG BORONG	632 ABH-162	LB	100	53	0		100
1063	I	1204	I	1204	TARUTUNG	633 ABK-205	LB	250	210	3		250
1064	I	1202	I	1202	PADANG SIDEMPUAN	634 ABK-205	LB	600			-600	0
1065	I	1202	I	1202	PADANG SIDEMPUAN	634 EWSD	OT		518	4	1,000	1,000
1066	I	1202	I	1202	BATANG TORU	634 ABH-162	LB	50	19	0		50
1067	I	1202	I	1202	DOLOG MARANGIR	634 SAT(SBK)	OT				200	200
1068	I	1202	I	1202	PANYABUNGAN	636 ABH-162	LB	200			-200	0
1069	I	1202	I	1202	PANYABUNGAN	636 SAT(SBK)	OT		100	1	200	200
1070	I	1202	I	1202	PORSEA	636 ABK-205	LB	100	80	0		100
1071	I	1202	I	1202	KOTANOPAN	636 ABH-162	LB	50	21	1		50
1072	I	1201	I	1201	GUNUNG SITOLI	639 ABK-205	LB	600	387	16		600
1073	I	1103	I	1103	LANGSA	641 EMD-F6A	OT	800	781	112		800
1074	I	1103	I	1103	KUALA SIMPANG	641 ARF-102	OT	400	324	9		400
1075	I	1103	I	1103	PEUREULAK	641 ABK-205.50	LB	100	48	0		100
1076	I	1102	I	1102	BLANGKEJEREN	642 ABH-162	LB	50			-50	0
1077	I	1102	I	1102	BLANGKEJEREN	642 SAT(SBK)	OT		12	0	200	200
1078	I	1104	I	1104	TAKONGAN	643 ABK-205	LB	300	244	33		300
1079	I	1108	I	1108	BIREUEN	644 ARF-102	OT	400	324	317		400
1080	I	1108	I	1108	BIREUEN	644 EWSD	OT				1,000	1,000

Table A-4-1(3/27) Existing Telephone Facilities by Kabupaten (3/27)

FILE: TEL10.PRN (IL254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY		CAPACITY	
											(EXIST)	NO. OF SUB	WAITING	C.OVER
1081	I	1108				MEUREUDU	644	ADH-1611/10	LB	60	54	0		60
1082	I	1108				MATANGGLUMPANG DUA	644	ABK-206	LB	200	149	15		200
1083	I	1108				SAMALANGA	644	ABH-1610	LB	200	45	0		200
1084	*	1108	S.P			LHOKSEUMAWAWE	645	ARF-102	OT	2,000	1,541	417		2,000
1085	*	1108				LHOKSEUMAWAWE	645	EWSD	OT				2,000	2,000
1086	I	1108				LHOKSUKON	645	ARF-102	OT	400	205	10		400
1087	I	1108				PANTONLARU	645	ABK-206	LB	200	169	20		200
1088	I	1103	P			IDI	645	ARF-102	OT	400	126	4		400
1089	**	1171	S.P			BANDA ACEH CENTRUM	651	ARF-102	OT	3,000	2,590	1,792		3,000
1090	**	1171				BANDA ACEH CENTRUM	651	EWSD	OT				4,000	4,000
1091	**	1171				BANDA ACEH LHOKNGA	651	ABH-1611/10	LB	30	1	0		30
1092	I	1106				ALUR BILLIE	651	SAT(SBK)	OT				400	400
1093	I	1106				JANTHOI	652	ARF-102	OT	400	381	100		400
1094	**	1172	P			SABANG	652	EWSD	OT				2,000	2,000
1095	**	1172				SABANG	652	EWSD	OT	600	425	4		600
1096	*	1107	P			SIGLI	653	ARF-102	OT	20	10	0		20
1097	I	1107				SEULIMUM	653	ADH-1611/10	LB	200	180	0		200
1098	I	1107				BEUREUNN	653	ABK-206	LB	100	22	0		100
1099	I	1107				MERBAU	653	ABK-206	LB	100	22	0		100
1100	I	1105	P			CALANG	654	ABH-1611/10	LB	50	39	0		50
1101	I	1105				LAMNO	654	ABH-1611/10	LB	100	43	0		100
1102	*	1105	P			MEULABOH	655	ABK-205	LB	350	343	4		350
1103	I	1105				JEURAM	655	KELLOG No. 2	LB	50	8	0		50
1104	*	1101	P			TAPAKTUAN	656	ABK-205	LB	250	234	4		250
1105	I	1101				BLANG PIDIE	656	ABK-205	LB	200	159	11		200
1106	I	1101	P			BAKUNGAN	657	ABH-1611/10	LB	30	23	0		30
1107	I	1101	P			SINGKIL	658	ABJ-101	LB	100	56	1		100
1108	I	1105	P			SINABANG	650	ABJ-10102	LB	100	95	0		100
						TOTAL				65,540	50,856	23,995		87,600
														150,230
														-2,910

Table A-4-1(4/27) Existing Telephone Facilities by Kabupaten (4/27)

FILE:TEL10.PRN (IL254)
T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
														C.OVER	PELITA IV
2001	**	II	1371	S.P	PADANG CENTRUM	751	ARF-101/2	OT	8,000	5,903	2,843	0	8,000		
2002	**	II	1371		PADANG CENTRUM	751	AFA-101	LB	240	101	0	0	240		
2003	**	II	1371		PADANG ULA KARANG	751	EWS	OT					3,000		
2004	**	II	1371		PADANG BANDAR BUAT	751	EWS	OT					2,000		
2005	**	II	1371		PADANG TELUK BAYUR	751	EWS	OT					1,000		
2006	*	II	1305		PARIAMAN	751	ABK-16	LB	400				0		
2007	*	II	1305		PARIAMAN	751	EWS	OT		174	0	0	1,000		
2008	**	II	1375	P	BUKITTINGGI	752	ARF-102	OT	2,000	1,742	27	0	2,000		
2009	**	II	1375		BUKITTINGGI	752	AFA-10/48	LB	40	21	0	0	40		
2010	**	II	1374		PADANG PANJANG	752	ABK-2021.T	LB	300				0		
2011	**	II	1374		PADANG PANJANG	752	EWS	OT		260	49		1,000		
2012	**	II	1376		PAYAKUMBUH	752	ADK-513	CB	800				0		
2013	**	II	1376		PAYAKUMBUH	752	EWS	OT		620	137		1,000		
2014		II	1306		LUBUK BASUNG	752	SAT(SBK)	OT					200		
2015	*	II	1304		BATU SANGKAR	752	ABK-2021.T	LB	230	218	28		230		
2016	*	II	1308	P	LUBUK SIKAPING	753	ABK-2021.T	LB	150				0		
2017	*	II	1308		LUBUK SIKAPING	753	SAT(SBK)	OT		132	19		400		
2018		II	1308		MANINJAU	753	ABK-2021.T	LB	40	30	4		40		
2019		II	1308		TALU	753	ABK-2021.T	LB	30				0		
2020		II	1308		TALU	753	SAT(SBK)	OT		25	9		200		
2021		II	1308		LUBUK BASUNG	753	ABK-2021	LB	40	36	9		40		
2022	*	II	1303	P	SIJUNJUNG	754	ABH-206	LB	200				0		
2023	*	II	1303		SIJUNJUNG	754	SAT(SBK)	OT		68	14		200		
2024		II	1303		SUNGAI DAREH	754	ABH-16	LB	100				0		
2025		II	1303		SUNGAI DAREH	754	SAT(SBK)	OT		45	3		200		
2026	**	II	1373		SAWAHLUNTO	754	ABK-2021	LB	200				0		
2027	**	II	1373		SAWAHLUNTO	754	SAT(SBK)	OT		119	19		400		
2028	**	II	1372	P	SOLOK	755	ABK-2021	LB	800				0		
2029	**	II	1372		SOLOK	755	EWS	OT		624	146		1,000		
2030		II	1302		ALAHAN PANJANG	755	ABH-16	LB	200				0		
2031		II	1302		ALAHAN PANJANG	755	SAT(SBK)	OT		26	7		200		
2032		II	1302		MUARALABUH	755	ABH-16	LB	200				0		
2033		II	1302		MUARALABUH	755	SAT(SBK)	OT		41	5		200		
2034	*	II	1301	P	PAINAN	756	ABJ-101	LB	150	125	0		150		
2035		II	1301		BALAISELASA	756	ABK-2021	LB	100				0		
2036		II	1301		BALAISELASA	756	SAT(SBK)	OT		44	0		200		
2037		II	1305	P	MUARA SIBERUT	759	ABJ-101	LB	50	11	0		50		
2038	**	II	1471	S.P	PEKANBARU CENTRUM-1	761	ARF-102	OT	5,000	3,152	2,137		5,000		
2039	**	II	1471		PEKANBARU CENTRUM-2	761	EWS	OT					3,000		
2040	**	II	1471		PEKANBARU ARENGKA	761	EWS	OT					1,000		

Table A-4-1(5/27) Existing Telephone Facilities by Kabupaten (5/27)

FILE:TELIO.PRN (IL254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
														C.OVER	PELITA IV
2041	**	II	1471			PEKANBARU RUMBAL	761	EWS		OT				2,000	2,000
2042	*	II	1404	P		BANGKINANG	762	ABK-206		LB	200			-200	0
2043	*	II	1404			BANGKINANG	762	SAT(SBK)		OT		138	10	200	200
2044		II	1405	P		DUMAI	765	ARF-102		OT	600	596	573		600
2045		II	1405			DUMAI	765	EWS		OT				1,000	1,000
2046	*	II	1405	P		BENGGALIS	766	ABK-206		LB	350	343	4		350
2047		II	1405	P		BAGANSIAPI-API	767	MCR-11B-3		OT	896	554	2		896
2048		II	1405			PULAU HALANG	767	ABK-205		LB	40	12	0		40
2049	*	II	1402	P		TEMBILAHAN	768	ABK-206		LB	400	378	0		400
2050	*	II	1401	P		RENGAT	769	ABK-206		LB	500	196			300
2051		II	1401			AIR MOLEK	769	ABK		LB	130			-130	0
2052		II	1401			AIR MOLEK	769	SAT(SBK)		OT	200	48	0		200
2053		II	1401	P		TELUK KUANTAN	760	ABK-206		LB	200			-200	0
2054		II	1401			TELUK KUANTAN	760	SAT(SBK)		OT			0	400	400
2055	*	II	1403	P		TANJUNG PINANG	771	PC-1000C		OT	1,000	973	1,126		1,000
2056		II	1403	P		RANAI (P.NATUNA)	773	ABJ		LB	50	35	37		50
2057		II	1403	P		DABO SINGKEP	776	ABJ		LB	200	44	61		200
2058		II	1403	P		TG. BALAI KARIMUN	777			OT	256	117	102		256
2059		II	1403	S.P		BATAM SEKUPANG	778	AKD-791/3		OT	2,000	451	475		2,000
2060		II	1403			BATAM SEKUPANG	778	EWS		OT				2,000	2,000
2061		II	1403			SILUNGGANG	778	ABK-2021		LB	200	158	4		200
2062		II	1403			BATAM BATU AMPAR	778	AKD-791/3		OT	1,000	265	478		1,000
2063		II	1403			BATAM BATU AMPAR	778	EWS		OT				3,000	3,000
2064		II	1403	P		TANJUNGBATU	779	ABJ		LB	70	98	103		70
2065		II	1405	P		SELAT PANJANG	770	ABK-2012		LB	400	366	37		400
						TOTAL					27,562	18,362	8,468	25,000	48,552
														-4,010	

Table A-4-1(6/27) Existing Telephone Facilities by Kabupaten (6/27)

FILE:TEL11.PRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY		WAITING	CAPACITY	
											(EXIST)	NO.OF SUB		C.OVER	PELITA IV
3001	**	III	1671	T.S.P	PALEMBANG CENTRUM	711	ARF-101/2	OT	9,000	7,969	8,870		9,000		
3002	**	III	1671		PALEMBANG CENTRUM	711	EWSD	OT				10,000	10,000		
3003	**	III	1671		PG.TALANG KALAPA	711	EWSD	OT				2,000	2,000		
3004	**	III	1671		PG.KENTEN UJUNG	711	EWSD	OT				2,000	2,000		
3005	**	III	1671		PG.SEBERANG ULU	711	EWSD	OT				3,000	3,000		
3006	**	III	1671		PG.SUNGAI BUAH	711	EWSD	OT				3,000	3,000		
3007		III	1606		SUNGAI PAIT	711	ABJ-2012	LB	20	13	3		20		
3008	*	III	1602	P	KAYU AGUNG	712	ABK-2012	LB	200	126	76		200		
3009		III	1602		TANJUNG RAYA	712	ABK-2012	LB	100	38	15		100		
3010		III	1603	P	PRABUMULIH	713	ABK-2022	LB	400				0		
3011		III	1603		PRABUMULIH	713	EWSD	OT		254	49		600		
3012	*	III	1606	P	SEKAYU	714	ABK-101	LB	100	55	0		100		
3013		III	1607	P	MUNTOK	716	SAT(SBK)	OT				200	200		
3014	**	III	1672	P	PANGKALPINANG	717	PC-1000C	OT	2,000	1,930	110		2,000		
3015	*	III	1607		SUNGAI LIAT	717	ABK	LB	200			-200	0		
3016	*	III	1607		SUNGAI LIAT	717	EWSD	OT				600	600		
3017		III	1607		TOBOALI	718	SAT(SBK)	OT				200	200		
3018	*	III	1608	P	TANJUNG PANDAN	719	ABK-206	LB	400	235	0		400		
3019	**	III	1871	S.P	TANJUNG KARANG	721	ARF-102	OT	4,000	2,725	4,273		4,000		
3020	**	III	1871		TJ. KARANG KEDATON	721	EWSD	OT				6,000	6,000		
3021		III	1801		GEDONG TATAAN	721	ABK-206	LB	50	39	0		50		
3022		III	1801		PANJANG	721	ARK-521	OT	400	386	88		400		
3023		III	1801		PANJANG	721	EWSD	OT				2,000	2,000		
3024	**	III	1871		TELUK BETUNG	721	ARF-102	OT	5,000	2,349	2,209		5,000		
3025		III	1801	P	KOTAAGUNG	722	ABK-206	LB	200			-200	0		
3026		III	1801		KOTAAGUNG	722	SAT(SBK)	OT		91	65		200		
3027		III	1801		KALIANDA	722	ABK-206	LB	200			-200	0		
3028		III	1801		KALIANDA	722	SAT(SBK)	OT		152	41		200		
3029		III	1801		PRINGSEWU	722	ABK-206	LB	200			-200	0		
3030		III	1801		PRINGSEWU	722	SAT(SBK)	OT		145	57		400		
3031		III	1803	P	KRUI	723	ABK-206	LB	100	50	29		100		
3032	*	III	1803	P	KOTABUMI	724	ABK-206	LB	600			-600	0		
3033	*	III	1803		KOTABUMI	724	EWSD	OT		441	111		1,000		
3034	*	III	1802	P	METRO	725	PC-1000C	OT	1,000	747	478		1,000		
3035	*	III	1802		METRO	725	ABK	LB	10	6	0		0		
3036	*	III	1802		METRO	725	EWSD	OT				1,000	1,000		
3037		III	1802		BANDAR JAYA	725	SAT(SBK)	OT				200	200		
3038		III	1801		TALANGPADANG	725	ABK-206	LB	200	57	58		200		
3039		III	1803	P	MENGGALA	726	SAT(SBK)	OT				200	200		
3040	*	III	1604	S.P	LAHAT I	731	PC-1000C	OT	1,213	946	172		1,213		

FILE: TEL11.FRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

Table A-4-1(7/27) Existing Telephone Facilities by Kabupaten (7/27)

NO.	JKK	WITEL	KAB.	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO. OF SUB	WAITING	C.OVER	CAPACITY	
														PELITA IV	TOTAL
3041	*	III	1604			LAHAT II	731 ABK	LB	60	3	0	0	0	60	60
3042		III	1604			PAGAR ALAM	731 ABK-2012	LB	600	504	0	0	0	600	600
3043		III	1604			TEBINGTINGGI	731 ABK-2012	LB	200						
3044		III	1604			TEBINGTINGGI	731 SAT(SBK)	OT						-200	0
3045	*	III	1702	P		CURUP	732 ABK-206	LB	600	118	0	0	0	400	400
3046	*	III	1702			CURUP	732 EWS	OT						-600	0
3047	*	III	1703			ARGAMAKMUR	732 ABK-2021	LB	200	538	47	0	0	1,000	1,000
3048	*	III	1605	P		LUBUK LINGGAU	733 ADK-503	CB	1,110	96	50	0	0	200	200
3049	*	III	1605			LUBUK LINGGAU	733 ABK	LB	60	879	0	0	0	-1,110	0
3050	*	III	1605			LUBUK LINGGAU	733 EWS	OT		3	0	0	0	-60	0
3051	*	III	1603	P		MUARA ENIM	734 ABK-2012	LB	400	882	0	0	0	2,000	2,000
3052		III	1605			MUARA ENIM	734 ABK-2012	LB	200	212	0	0	0	400	400
3053		III	1604			MUARARUPIT	734 ABK-2012	LB	100	57	0	0	0	200	200
3054		III	1603			PENDOPO	734 EWS	OT		41	0	0	0	100	100
3055	*	III	1601	P		TANJUNG ENIM	735 ABK-2012	LB	600					1,000	1,000
3056	*	III	1601			BATURAJA	735 EWS	OT						-500	0
3057		III	1601			BATURAJA	735 ABK-2022	LB	200	577	76	0	0	1,000	1,000
3058		III	1601			MARTAPURA	735 SAT(SBK)	OT		126	76	0	0	200	200
3059		III	1601			BELITANG	735 ABK-2012	LB	100					200	200
3060		III	1601			MUARA DUA	735 SAT(SBK)	OT						200	200
3061	**	III	1771	P		MUARA DUA	736 PC-1000C	OT	1,000	79	0	-100	0	0	0
3062	**	III	1771			BENGGKULU CENTRUM	736 EWS	OT		958	1,212	0	0	200	200
3063	**	III	1771			BENGGKULU CENTRUM	736 EWS	OT						1,000	1,000
3064		III	1702			BENGGKULU PULAU BEY	736 EWS	OT						2,000	2,000
3065		III	1702			KEPAHIYANG	736 ABK-205	LB	100	58	8	0	0	1,000	1,000
3066	*	III	1702	P		MUARA AMAN	737 ABK-205	LB	100					-100	0
3067	*	III	1701	P		MUARA AMAN	737 SAT(SBK)	OT						200	200
3068		III	1701			MANNA	739 ABK-205	LB	100					100	100
3069		III	1701			BINTUHAN	739 ABH	LB	100	28	1	0	0	100	100
3070	**	III	1571	P		BARUHAN	730 ABH-16	LB	100	96	52	0	0	100	100
3071	**	III	1571	S.P		JAMBI CENTRUM	741 ARF-102	LB	50	3	0	0	0	50	50
3072	**	III	1571			JAMBI CENTRUM	741 EWS	OT	5,000	3,269	2,908	0	0	5,000	5,000
3073	**	III	1571			JAMBI TELANAIPURA	741 EWS	OT						2,000	2,000
3074	*	III	1504	P		JAMBI KOTABARU	741 EWS	OT						3,000	3,000
3075	*	III	1504			KUALA TUNGKAL	742 ADK-513	OT	650					1,000	1,000
3076	*	III	1502	P		KUALA TUNGKAL	742 EWS	OT						-650	0
3077	*	III	1502			BANGKO	746 ABK	LB	200	356	41	0	0	1,000	1,000
3078	*	III	1502			BANGKO	746 SAT(SBK)	OT						-200	0
3079	*	III	1505	P		BANGKO	746 EWS	OT						600	600
3080	*	III	1501	P		MUARA BUNGO	747 ABK-2028	LB	200	73	197	0	0	600	600
						SUNGAIPENDUH	748 ABK-2021	LB	800	584	127	0	0	200	200
						TOTAL			38,323	28,332	21,517	200	49,800	82,893	82,893
												-100	-100		-5,330

Table A-4-1(8/27) Existing Telephone Facilities by Kabupaten (8/27)

FILE: TEL31.PRN (IL254)
T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH	MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	C.OVER	CAPACITY		TOTAL
																PELITA	IV	
4001	**	IV	3171			CIPUTAT A		21	EMD-F6A		OT	2,000	1,879	3,824			2,000	
4002	**	IV	3171			CIPUTAT B		21	PRX		OT				1,500		1,500	
4003	**	IV	3171			CIPUTAT C		21	EWSD		OT					3,000	3,000	
4004	**	IV	3171			JAGAKARSA		21	EWSD		OT				1,000		2,000	3,000
4005	**	IV	3171			TEBET A		21	PRX-205		OT	8,448	8,142	5,325			4,900	13,348
4006	**	IV	3171			TEBET B		21	EWSD		OT					4,500	4,500	
4007	**	IV	3171			KEB. BARU IA		21	EMD-F6A		OT	5,000	4,641	11,572			5,000	5,000
4008	**	IV	3171			KEB. BARU IB		21	PRX-205		OT	8,192	7,286	0			8,192	8,192
4009	**	IV	3171			KEB. BARU IIA		21	PRX-205		OT	8,192	7,851	0			1,000	9,192
4010	**	IV	3171			KEB. BARU IIB		21	EWSD		OT						5,000	5,000
4011	**	IV	3171			KALIBATA A		21	PRX-205		OT	8,192	7,767	5,383			5,600	13,792
4012	**	IV	3171			KALIBATA B		21	EWSD		OT						4,000	4,000
4013	**	IV	3171			CIPETE A		21	PRX-205		OT	8,448	8,305	8,581			10,000	8,448
4014	**	IV	3171			CIPETE B		21	EWSD		OT						3,000	3,000
4015	**	IV	3171			PASAR MINGGU A		21	EMD-F6A		OT	3,000	2,491	2,960			4,000	4,000
4016	**	IV	3171			PASAR MINGGU B		21	PRX		OT						4,000	4,000
4017	**	IV	3171			SEMANGGI IIA		21	PRX-205		OT	8,448	7,710	6,219			10,000	8,448
4018	**	IV	3171			SEMANGGI IIB		21	EWSD		OT						10,000	10,000
4019	**	IV	3172			JATINEGARA IA		21	EMD-F6A		OT	4,000	3,724	3,162			4,000	4,000
4020	**	IV	3172			JATINEGARA IIA		21	PRX-205		OT	10,240	8,013	9,910			10,240	10,240
4021	**	IV	3172			JATINEGARA IIB		21	PRX		OT						3,000	3,000
4022	**	IV	3172			JATINEGARA IIC		21	EWSD		OT		705	1,260			4,000	18,000
4023	**	IV	3172			PASAR REBO A		21	NEC-MX		OT	1,000					2,000	1,000
4024	**	IV	3172			PASAR REBO B		21	EWSD		OT						2,500	4,000
4025	**	IV	3172			KLENDER		21	EWSD		OT						2,500	2,500
4026	**	IV	3172			RAWANGMANGUN A		21	PRX-205		OT	12,288	8,874	12,054			8,000	12,288
4027	**	IV	3172			RAWANGMANGUN B		21	EWSD		OT						12,000	12,000
4028	**	IV	3172			GANDARIA		21	PRX-N-230 L		OT	1,000	891	1,275			2,000	1,000
4029	**	IV	3172			CAWANG		21	PRX-205		OT	4,096	3,332	2,667			2,000	6,096
4030	**	IV	3172			PENGGILINGAN		21	EWSD		OT						1,000	1,000
4031	**	IV	3173	T.S.P		GAMBIR IA		21	EMD-35		OT	10,000	8,340	14,337			10,000	10,000
4032	**	IV	3173			GAMBIR IB		21	EMD-F6A		OT	10,000	9,158	0			10,000	10,000
4033	**	IV	3173			GAMBIR IC		21	PRX-205		OT	8,192	6,006	0			8,192	8,192
4034	**	IV	3173			GAMBIR ID		21	PRX-205		OT	8,192	6,009	0			8,192	8,192
4035	**	IV	3173			GAMBIR IE		21	EWSD		OT	10,000	1,344	0			7,000	17,000
4036	**	IV	3173			GAMBIR IIA		21	PRX-205		OT	8,192	6,499	7,396			8,192	8,192
4037	**	IV	3173			GAMBIR IIB		21	PRX-205		OT	8,192	6,794	0			8,192	8,192
4038	**	IV	3173			GAMBIR IIC		21	PRX-205		OT	4,096	0	4,000			8,096	8,096
4039	**	IV	3173			GAMBIR IID		21	EWSD		OT						10,000	10,000
4040	**	IV	3173			CEMPAKA PUTIH A		21	PRX-205		OT	10,240	8,968	8,488			10,240	10,240

Table A-4-1(9/27) Existing Telephone Facilities by Kabupaten (9/27)

FILE: TEL31.PRN (IL254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO. OF SUB	WAITING	C.OVER	CAPACITY	
														PELITA IV	TOTAL
4041	**	IV	3173		CEMPAKA PUTIH B	21	EWSD		OT	9,472	7,967	0	5,000	10,000	15,000
4042	**	IV	3173		KOTA IIA	21	PRX-205		OT	9,472	7,861	0			9,472
4043	**	IV	3173		KOTA IIB	21	PRX-205		OT	8,192	6,533	22,336		4,000	12,192
4044	**	IV	3173		KOTA IIC	21	PRX-205		OT	8,192	4,864	0		3,000	11,192
4045	**	IV	3173		KOTA IID	21	PRX-205		OT				14,000	6,000	20,000
4046	**	IV	3173		KOTA IIE	21	EWSD		OT	7,000	6,159	3,589	4,000		4,000
4047	**	IV	3173		KOTA IIF	21	PRX		OT					12,000	7,000
4048	**	IV	3173		SEMANGGI IA	21	EMD-F6A		OT	3,072	2,925	0			12,000
4049	**	IV	3173		SEMANGGI IB	21	EWSD		OT	7,500	7,211	12,413			3,072
4050	**	IV	3173		SEMANGGI IC	21	PRX		OT	6,475	483	0			7,500
4051	**	IV	3174		SLIPI A	21	EMD-F6A		OT	7,679	5,575	11,958			6,475
4052	**	IV	3174		SLIPI B	21	EWSD		OT					10,000	10,000
4053	**	IV	3174		SLIPI C	21	EWSD		OT						7,679
4054	**	IV	3174		PALMERAH A	21	PRX-205		OT					2,000	2,000
4055	**	IV	3174		PALMERAH B	21	PRX		OT					11,000	11,000
4056	**	IV	3174		PALMERAH C	21	EWSD		OT	6,144	4,948	10,987			2,000
4057	**	IV	3174		CENKARENG	21	PRX-205		OT						8,144
4058	**	IV	3174		MERUYA	21	EWSD		OT					1,000	1,000
4059	**	IV	3175		KEDOYA	21	EWSD		OT				3,000		3,000
4060	**	IV	3175		PULO GADUNG	21	EWSD		OT				2,500		2,500
4061	**	IV	3175		TEGAL ALUR	21	EWSD		OT	10,000	9,696	4,127			10,000
4062	**	IV	3175		KOTA I A	21	EMD-F6A		OT					19,000	19,000
4063	**	IV	3175		KOTA I B	21	EWSD		OT	7,168	5,898	11,463	1,000		2,000
4064	**	IV	3175		PLUIT I	21	PRX-205		OT				5,000		10,168
4065	**	IV	3175		PLUIT II	21	EWSD		OT	4,096	4,029	3,769			5,000
4066	**	IV	3175		ANCOL	21	PRX-205		OT	6,144	5,795	6,524			4,400
4067	**	IV	3175		TANJUNG PRIOK A	21	PRX-205		OT					3,100	8,496
4068	**	IV	3175		TANJUNG PRIOK B	21	EWSD		OT	1,536	1,019	0			5,000
4069	**	IV	3203		CIBINONG A	21	PRX		OT						1,536
4070	**	IV	3203		CIBINONG B	21	EWSD		OT	250			-250		2,000
4071	**	IV	3203		DEPOK	21	ABK-2012		LB						0
4072	**	IV	3203		DEPOK	21	EWSD		OT	232	1,059	1,000			3,000
4073	*	IV	3218		BEKASI A	21	EMD-F6A		OT	2,000	1,694	0			2,000
4074	*	IV	3218		BEKASI B	21	EWSD		OT						2,000
4075	*	IV	3219		JIA CENKARENG	21	EWSD		OT	4,000	330	0			4,000
4076	*	IV	3219		TANGERANG	21	EMD-F6A		OT	3,000	2,687	0			3,000
					TOTAL					281,040	220,635	192,638	57,500	204,500	542,790
													-250		

Table A-4-1(10/27) Existing Telephone Facilities by Kabupaten (10/27)

FILE: TEL31.PRN (1L254)
 T:JC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	CODE	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY		WAITING	CAPACITY		
												(EXIST)	NO.OF SUB		C.OVER	PELITA IV	TOTAL
5001	**	V		P	3271		BOGOR	251	MC-10C		OT	8,000	7,110	5,230		2,000	10,000
5002	**	V			3271		BOGOR	251	EWSD		OT					4,000	4,000
5003	**	V			3203		CISARUA (GADOK)	251	NEC-1000-23		OT	1,000	566	555			1,000
5004		V			3203		CIAMPEA	251	ABK-205		LB	100	47	6			100
5005		V			3203		LEUWILIANG	251	ABK-205		LB	100	43	2			100
5006		V			3203		JASINGA	251	ABK-162		LB	50	18	19			50
5007	*	V		P	3202		RANGKASBITUNG	252	ABK-206		LB	600				-600	0
5008	*	V			3202		RANGKASBITUNG	252			OT	588	193			1,000	1,000
5009		V			3202		LEUWIDAMAR	252	ABK		LB	20	17	1			20
5010		V			3202		LEUWIMUNDING	252	ABH-169		LB	20	10	0			20
5011		V			3202		MALINGPING	252	ABH-169		LB	50	39	3			50
5012	*	V		P	3201		PANDEGLANG	253	ABK-206		LB	400	323	66			400
5013		V			3201		SAKETI	253	ABH-1650		LB	30	17	0			30
5014		V			3201		MENES	253	ABH-1650		LB	30	29	4			30
5015	*	V		P	3220		SERANG	254	EMD-F6A		OT	1,200	1,171	509			1,200
5016	*	V			3220		SERANG	254	ABK-206		LB	200				-200	0
5017	*	V			3220		SERANG	254	EWSD		OT					2,000	2,000
5018		V			3220		CILEGON	254	ABK-206		LB	400					0
5019		V			3220		CILEGON	254	EWSD		OT		310	69		-400	2,000
5020		V			3220		MERAK	254	ABK-206		LB	120	84	30			120
5021		V			3220		CIRUAS	254	ABH-16		LB	30	21	0			30
5022		V			3220		LABUAN	254	ABK-206		LB	180	99	6			180
5023		V		P	3205		CIPANAS(SINDAGALAYA)	255	EMD-F6A		OT	800	650	216			800
5024		V			3202		TANGGUNG	255	ABK-2012		LB	40	24	0			40
5025	*	V		P	3217		KARAWANG	256	EMD-MX-F6A		OT	1,000	926	382			1,000
5026	*	V			3217		KARAWANG	256	ABK		LB	30	8	0			30
5027		V			3217		CIKAMPEK	256	ADK-513		CB	640				-640	0
5028		V			3217		CIKAMPEK	256			OT		410	136			1,000
5029		V			3217		RENGAS DENGKLOK	256	ABK-206		LB	400	301	42			400
5030	**	V		S.P	3273		BDG. CENTRUM	22	EMD-F6A		OT	7,000	6,917	6,666			7,000
5031	**	V			3273		BDG. CENTRUM	22	EWSD		OT				11,000		11,000
5032	**	V			3273		BDG. TIMUR	22	EMD-F6A		OT	5,500	4,469	2,432			5,500
5033	**	V			3273		BDG. TIMUR	22	EWSD		OT				3,000		3,000
5034	**	V			3273		BDG. BARAT	22	MC-10C		OT	8,000	6,001	4,607			8,000
5035	**	V			3273		BDG. BARAT	22	EWSD		OT						2,000
5036	**	V			3273		BDG. TURANGGA	22	NEC-230 LA		OT	2,000	1,234	5,631			2,000
5037	**	V			3273		BDG. TURANGGA	22	EWSD		OT				6,000		6,000
5038	**	V			3273		BDG. UTARA	22	EMD-F6A		OT	5,600	4,398	3,936			5,600
5039	**	V			3273		BDG. TEGALLEGA	22	EWSD		OT						6,000
5040	**	V			3273		BDG. SUMBERSARI	22	EWSD		OT				2,000		2,000
5041	**	V			3273		BDG. CIJAWURA	22	EWSD		OT				2,000		2,000
5042	**	V			3273		BDG. UJUNG BERUNG	22	ABK-205		LB	200			-200		0

Table A-4-1(11/27) Existing Telephone Facilities by Kabupaten (11/27)

FILE: TEL31.PRN (11254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY		CAPACITY		TOTAL
											(EXIST)	NO.OF SUB	WAITING	C.OVER	
5043	**	V	3273			BDG. UJUNG BERUNG	22	EWS		OT	173	315	1,000	1,000	2,000
5044	**	V	3273			BDG. GEGERKALONG	22	EWS		OT				10,000	10,000
5045		V	3206			LEMBANG	22	MC-10C		OT	186	308	600		855
5046		V	3206			CIMAH	22	EMD-F6A		OT	1,800	758			1,800
5047		V	3206			BANJARAN	22	ABK-206		LB	100				100
5048		V	3206			CIWIDEY	22	ABK-205		LB	100	19			100
5049		V	3206			SANTOSA	22	ABK-205		LB	30	0			30
5050		V	3206			PANGALENGAN	22	ABK-206		LB	72	13			100
5051		V	3206			MAJALAYA	22	ADK-513		CB	760			-760	0
5052		V	3206			MAJALAYA	22	ABK		CB	40			-40	0
5053		V	3206			MAJALAYA	22	EWS		OT	756	171		2,000	2,000
5054		V	3206			RANCAEK	22	ABK-205		LB	46	52			50
5055		V	3206			CICALENGA	22	ABK-2012		LB	80	61			80
5056		V	3206			PADALARANG	22	ABK-205		LB	100	61			100
5057	*	V	3213	P		SUMEDANG	261	NEC-230L		OT	1,000	57			1,000
5058	*	V	3213			SUMEDANG	261	ABK		LB	50	0			50
5059		V	3213			RANCA BALI	261	ABK-205		LB	30	0			30
5060		V	3213			CIKALONG WETAN	261	ABK-205		LB	40	7			40
5061		V	3213			GUNJUNG HALU	261	ABH-1610		LB	30	9			30
5062		V	3213			TANJUNG SARI	261	ABH-1610		LB	50	15			50
5063		V	3213			KADIPATEN	261	ABK-205		LB	90	19			90
5064	*	V	3207	P		GARUT	262	EMD-F6A		OT	1,000	657			1,000
5065	*	V	3207			GARUT	262	ERICSON-30		OT	100	0			100
5066	*	V	3207			GARUT	262	EWS		OT			3,000		3,000
5067		V	3207			CIBATU	262	ABH-540/130		LB	200	11			200
5068		V	3207			WANARAJA	262	PERAKITAN SEN		LB	100	57			100
5069		V	3207			CIKAJANG	262	ABK-206		LB	200	22			200
5070		V	3207			CISOMPET	262	ABH-1611		LB	30	2			30
5071		V	3207			PAMEUNGPEUK	262	ABH-162/50/8		LB	200			-200	0
5072		V	3207			PAMEUNGPEUK	262	SAT(SBK)		OT		45		200	200
5073	*	V	3205	P		CIANJUR	263	EMD-F6A		OT	1,200	342			1,200
5074	*	V	3205			CIANJUR	263	EWS		OT	1,098		3,000		3,000
5075		V	3205			CIKALONG KULON	263	ABK-2012		LB	80	0			80
5076		V	3205			CIRANJANG	263	ABH-202		LB	200	10			200
5077		V	3205			CIBEER	263	ABK-2012		LB	100	1			100
5078	*	V	3205			SUKANAGARA	263	ABK-2012		LB	24	6			40
5079	*	V	3216	P		PURWAKARTA	264	EMD-F6A		OT	1,200	145			1,200
5080	*	V	3215			PURWAKARTA	264	ABK-2002		LB	30	0			30
5081	*	V	3215			SUBANG	264	ABK-2022		LB	500			-500	0
5082	*	V	3215			SUBANG	264	EWS		OT		113		1,000	1,000
5083		V	3215			PAMANUKAN	264	ABK-2011		LB	200	88			200
5084		V	3215			PABUARAN	264	ABK-206		LB	180	117			180

Table A-4-1(12/27) Existing Telephone Facilities by Kabupaten (12/27)

FILE: TEL31.FRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY		WAITING	CAPACITY		TOTAL
										(EXIST)	NO.OF SUB		C.OVER	PELITA IV	
5085	*	V	3208	P	TASIKMALAYA	265	EMD-F6A	OT	2,000	1,979	1,091			2,000	
5086	*	V	3208		TASIKMALAYA	265	ABK	LB	39			-39		0	
5087	*	V	3208		TASIKMALAYA	265	EWSD	OT		4	0	5,000	3,000	8,000	
5088		V	3208		SINGAPARNA	265	ABK-2012	LB	400	386	172			400	
5089		V	3208		CIBALONG	265	ABH-162	LB	50	32	5			50	
5090	*	V	3209		CIAMIS	265	ADK-513	CB	1,200	1,020	291			1,200	
5091	*	V	3209		CIAMIS	265	ABK	LB	10				-10	0	
5092	*	V	3209		CIAMIS	265		OT		4	0		1,000	1,000	
5093		V	3209		BANJARSARI	265	ABK-2012	LB	400	198	54			400	
5094		V	3209		CIKONENG	265	ABH-162	LB	50	38	15			50	
5095		V	3209		BANJAR	265	ADK-513	CB	800				-800	0	
5096		V	3209		BANJAR	265	ABK	LB	20				-20	0	
5097		V	3209		BANJAR	265		OT		783	136		1,000	1,000	
5098		V	3208		DANGAHARAN	265	ABK	LB	100	66	31			100	
5099	**	V	3272	P	SUKABUMI	266	EMD.MX-F6A	OT	2,000	1,923	905			2,000	
5100	**	V	3272		SUKABUMI	266	ABK	LB	3				-3	0	
5101	**	V	3272		SUKABUMI	266	EWSD	OT		3	0		5,000	5,000	
5102		V	3204		CIBADAK	266	ABK-2012	LB	300	188	139			300	
5103		V	3204		CICURUG	266	ABK-205	LB	150	82	86			150	
5104		V	3204		KELAPANUNGGAL	266	ABK-2012	LB	20	12	5			20	
5105		V	3204		CIKEMBANG	266	ABK-205	LB	40	19	10			40	
5106		V	3204		PELABUHAN RATU	266	ABK-205	LB	200				-200	0	
5107		V	3204		PELABUHAN RATU	266	SAT(SBK)	OT		89	89		200	200	
5108		V	3204		KIARADUA	266	ABH-162	LB	30	9	5			30	
5109		V	3204		BOJONGLOPANG	266	ABH-205	LB	30	16	7			30	
5110		V	3204		NYALINDUNG	266	ABH-162	LB	40	14	6			40	
5111	**	V	3274	S.P	CIREBON	231	EMD-F6A	OT	5,100	5,035	2,006		9,000	5,100	
5112	**	V	3274		CIREBON	231	EWSD	OT					4,000	13,000	
5113		V	3211		LOSARI	231	ABK-205	LB	140	102	33			140	
5114		V	3211		ARJAWINANGUN	231	ABK-1610	LB	80	63	39			80	
5115	*	V	3210	P	KUNINGAN	232	ABK-205	LB	380	250	184			380	
5116		V	3210		LINGGAR JATI	232	ABH-1610	LB	100	43	52			100	
5117	*	V	3212	P	MAJALENGKA	233	ABK-206	LB	180	153	117			180	
5118		V	3212		JATIWANGI	233	ABK-206	LB	100	92	45			100	
5119		V	3212		JAMBLANG	233	ABK-205	LB	200	100	31			200	
5120	**	V	3212		PLERED	233	ABK-205	LB	200	96	99			200	
5121		V	3212		SUNDANG LAUT	233	ABK-205	LB	160	103	43			160	
5122	*	V	3214	P	INDRAMAYU	234	ABK	LB	640	332	215			640	
5123		V	3214		JATIBLANG	234	ABK-206	LB	400	261	116			400	
5124		V	3214		KARANGAMPEL	234	ABH-1610	LB	140	55	21			140	
5125		V	3214		LOSARANG	234	ABH-1610	LB	40	29	0			40	
TOTAL										69,747	57,589	40,261	44,600	67,400	177,135
													-639		-3,973

Table A-4-1(13/27) Existing Telephone Facilities by Kabupaten (13/27)

FILE: TEL32.PRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE	NAME	AREA	CODE	SWITCH	MODEL	TYPE	CAPACITY (EXIST)	NO. OF SUB	WAITING	C.OVER	CAPACITY	
																	PELITA IV	TOTAL
6001	**	VI	3374	S.P		SEMARANG I		24		EMD-F6A		OT	10,700	9,604	11,943		10,700	
6002	**	VI	3374			SEMARANG I		24		EWSD		OT					7,000	
6003	**	VI	3374			SEMARANG II		24		MC-10C		OT	9,000	3,300	0		10,000	
6004	**	VI	3374			SEMARANG II		24		EWSD		OT					5,000	
6005	**	VI	3374			SEMARANG GENUK		24		EWSD		OT					1,000	
6006	**	VI	3374			SEMARANG MOJOPAHIT		24		EWSD		OT					2,600	
6007	**	VI	3374			SEMARANG BANYUMANIK		24		EWSD		OT					4,000	
6008	**	VI	3374			SEMARANG TUGU		24		EWSD		OT					3,000	
6009	**	VI	3374			SEMARANG MANGKANG		24		EWSD		OT					1,000	
6010		VI	3322			AMBARAWA		24		ABK-2012		LB	400	198	104		400	
6011	*	VI	3319	P		KUDUS		291		EMD-F6A		OT	2,000	1,618	415		2,000	
6012	*	VI	3319			KUDUS		291		F-36		LB	250				0	
6013	*	VI	3319			KUDUS		291				OT		9	0		-250	
6014	*	VI	3321			DEMAK		291		ABK-2012		LB	400				3,000	
6015	*	VI	3321			DEMAK		291		EWSD		OT		265	0		-400	
6016	*	VI	3320			JEPARA		291		ABK-2012		LB	400				1,000	
6017	*	VI	3320			JEPARA		291				OT		259	0		-400	
6018		VI	3320			KELING		291		ABH-169		LB	20	20	0		1,000	
6019		VI	3320			PECANGGAN		291		ABH-1610		LB	100	43	0		20	
6020		VI	3320			BANGSRI		291		ABH-162		LB	50	35	0		100	
6021	*	VI	3315	P		PURWODADI		292		ABK-2012		LB	400	351	62		50	
6022		VI	3315			WILOSARI		292		ABH-16-100		LB	100	80	4		400	
6023		VI	3315			GODONG		292		ABH-162		LB	50	42	0		100	
6024		VI	3315			GUBUG		292		ABH-162		LB	50	42	0		50	
6025	*	VI	3404			SLEMAN		292		ABK		LB	200	51	56		50	
6026	**	VI	3371	P		MAGELANG		293		EMD-F6A		OT	1,500	1,459	633		200	
6027	**	VI	3371			MAGELANG		293		EWSD		OT					1,500	
6028		VI	3308			MUNTILAN		293		ABK-206		LB	400	271	32		3,000	
6029	*	VI	3323			TEMANGGUNG		293		ABK-206		LB	600				400	
6030	*	VI	3323			TEMANGGUNG		293		EWSD		OT		401	155		-600	
6031	*	VI	3323			PARAKAN		293		ABK-206		LB	400	220	32		600	
6032	*	VI	3324	P		KENDAL		294		EMD-F6A		OT	600	422	148		400	
6033	*	VI	3324			KENDAL		294		ABH-1551		LB	70	17	0		600	
6034		VI	3324			WALERI		294		BK-1125		LB	250	195	76		70	
6035		VI	3324			SUKOREJO		294		ABK-205		LB	100	87	7		250	
6036		VI	3324			BOJA		294		ABK-205		LB	100	82	23		100	
6037	*	VI	3322			UNGARAN		294		ABK-206		LB	250				100	
6038	*	VI	3322			UNGARAN		294		EWSD		OT		228	251		0	
6039	*	VI	3318	P		PATI		295		EMD-F6A		OT	1,000	735	157		600	
6040	*	VI	3318			PATI		295		ABK-206		LB	190				1,000	
6041	*	VI	3318			PATI		295				OT		8	0		0	
6042	*	VI	3317			REMBANG		295		ADK-513		CB	640	321	34		1,000	
																		640

Table A-4-1(14/27) Existing Telephone Facilities by Kabupaten (14/27)

FILE: TEL32.PRN (11254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO. OF SUB	WAITING C. OVER	CAPACITY	
													PELITA IV	TOTAL
6043	VI	3317	LASEM	295	ABK-2012	LB	200	170	10	0	200			
6044	VI	3318	JUWANA	295	ABK-206	LB	200	118	0	0	200			
6045	VI	3318	TAYU	295	ABH-155	LB	70	55	0	0	70			
6046	VI	3316	CEPU	296	ADK-513	CB	640	601	45	-640	0			
6047	VI	3316	CEPU	296	EWS	OT	200	82	6	2,000	2,000			
6048	VI	3316	RANDUBALATUNG	296	ABK-205	LB	640	457	69	-640	0			
6049	VI	3316	BLORA	296	ABK-2012	LB	640	19	3	1,600	1,600			
6050	VI	3316	BLORA	296	EWS	OT	50	912	688	0	50			
6051	VI	3316	NGAWEN	296	ABH-1650	LB	1,000	40	7	1,000	1,000			
6052	VI	3373	SALATIGA	298	EMD-F6A	OT	7,000	5,946	3,760	6,000	7,000			
6053	VI	3373	SALATIGA	298	ABH-162	LB	400	166	74	4,000	4,000			
6054	VI	3372	SOLO I	271	ART-101	OT	200	283	89	-400	0			
6055	VI	3372	SOLO I	271	EWS	OT	400	110	19	1,000	1,000			
6056	VI	3372	SOLO II	271	EWS	OT	200	149	37	200	200			
6057	VI	3313	KARANG ANYAR	271	ABK-2022	LB	200	1,176	82	1,400	1,400			
6058	VI	3314	SRAGEN	271	ABK-2022	LB	400	7	0	200	200			
6059	VI	3314	SRAGEN	271	EWS	OT	200	122	6	200	200			
6060	VI	3313	TAWANGMANGU	271	ABK-2022	LB	200	91	3	200	200			
6061	VI	3311	SUKOHARJO	271	ABK-2021	LB	200	185	58	200	200			
6062	VI	3310	KLATEN	272	ABK-2021	LB	1,400	187	81	-400	0			
6063	VI	3310	KLATEN	272	EMD-F6A	OT	200	52	9	1,000	1,000			
6064	VI	3310	DELANGGU	272	F-36	LB	4,000	4,472	7,042	4,000	4,000			
6065	VI	3310	DELANGGU	272	ABK-2011	LB	200	6	6	200	200			
6066	VI	3309	PEDAN	272	ABK-2020	LB	200	91	3	200	200			
6067	VI	3312	BOYOLALI	272	ABK-2021	LB	200	185	58	200	200			
6068	VI	3312	WONOGIRI	273	ABK-2022	LB	400	187	81	-400	0			
6069	VI	3312	WONOGIRI	273	ABK-2022	LB	400	187	81	1,000	1,000			
6070	VI	3471	BATURETNO	273	ABK-2021	OT	100	52	9	1,000	1,000			
6071	VI	3471	YOGYAKARTA I	274	EMD-F6A	OT	4,000	4,472	7,042	4,000	4,000			
6072	VI	3471	YOGYAKARTA I	274	ESK	OT	3,000	1	1	3,000	3,000			
6073	VI	3471	YOGYAKARTA I	274	EWS	OT	200	65	45	7,000	7,000			
6074	VI	3471	YOGYAKARTA II	274	EWS	OT	200	182	42	6,000	6,000			
6075	VI	3471	YOGYAKARTA III	274	EWS	OT	300	206	63	3,000	3,000			
6076	VI	3404	GODEAN	274	ABH	LB	50	33	13	50	50			
6077	VI	3404	KALASAN	274	ABH	LB	200	64	25	200	200			
6078	VI	3404	KALIURANG	274	ABK	LB	100	72	29	100	100			
6079	VI	3401	PALBAPANG	274	ABK	LB	200	65	45	200	200			
6080	VI	3401	WATES	274	ABK	LB	200	182	42	200	200			
6081	VI	3402	WONOSARI	274	ABK	LB	300	206	63	300	300			
6082	VI	3306	BANTUL	274	ADK-513	OT	600	603	61	600	600			
6083	VI	3306	PURWOREJO	275		CB	40	40		-600	0			
6084	VI	3306	PURWOREJO	275		OT				-40	0			
										1,000	1,000			

Table A-4-1(15/27) Existing Telephone Facilities by Kabupaten (15/27)

FILE: TEL32.PRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WI TEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
													C.OVER	PELITA IV TOTAL
6085		VI	3306			KUTOARJO	275	ABK-206	LB	250	215	43		250
6086	*	VI	3302	S.P		PURWOKERTO	281	EMD-F6A	OT	3,000	2,487	295		3,000
6087	*	VI	3302			PURWOKERTO	281	F-36	LB	410			-410	0
6088	*	VI	3302			PURWOKERTO	281	EWS	OT		4	0		3,000
6089	*	VI	3304			BANJARNEGARA	281	ABK-2022	LB	380	357	20		380
6090	*	VI	3303			PURBALINGGA	281	ABK-205	LB	380	352	58		380
6091		VI	3302			SUKARAJA	281	ABK-205	LB	100	72	25		100
6092		VI	3302			BANYUMAS	281	ABK-205	LB	100	63	40		100
6093	*	VI	3301	P		CILACAP	282	EMD-F6A	OT	2,000	1,622	257		2,000
6094		VI	3301			KROYA	282	ABK-2012	LB	200	105	7		200
6095		VI	3301			MAOS	282	ABH-1611	LB	50	36	4		50
6096		VI	3301			MAJENANG	282	ABK-2011	LB	400	217	24		400
6097		VI	3301			MELUWUNG	282	ABK-1611	LB	50	14	24		50
6098	**	VI	3376	P		TEGAL	283	EMD-F6A	OT	3,000	2,646	709		3,000
6099	**	VI	3376			TEGAL	283		OT				5,000	5,000
6100		VI	3328			ADIWERNA	283	ABK-2011	LB	200	157	29		200
6101		VI	3328			SLAWI	283	ABK-2011	LB	400	197	65		400
6102		VI	3328			BALAPULANG	283	ABK-2011	LB	100	55	19		100
6103		VI	3329			BUMIAYU	283	ABK-2011	LB	200	111	46		200
6104	*	VI	3329			BREBES	283	ABK-2012	LB	400	347	155		400
6105		VI	3329			TANJUNG	283	ABK-2011	LB	100	54	39		100
6106		VI	3329			KETANGGUNGAN TMR	283	ABK-2011	LB	100	45	11		100
6107	*	VI	3327	P		PEMALANG	284	ADK-513	CB	640			-640	0
6108	*	VI	3327			PEMALANG	284		OT		473	273		1,000
6109		VI	3327			COMAL	284	ABK-2022	LB	120	114	59		120
6110		VI	3327			RANDUDONGKOL	284	ABK-2022	LB	140	62	85		140
6111	**	VI	3375	P		PEKALONGAN	285	EMD-F6A	OT	3,000	2,837	577		3,000
6112	**	VI	3375			PEKALONGAN	285	EWS	OT				4,000	4,000
6113	*	VI	3325			BATANG	285	ABK-2022	LB	180	174	67		180
6114		VI	3325			BANDAR SEDAL	285	ABK-2022	LB	40	33	2		40
6115		VI	3325			SUBAH	285	ABK-2022	LB	50	31	4		50
6116		VI	3326			KEDUNG WUNI	285	ABK-2022	LB	100	72	23		100
6117	*	VI	3307	P		WONOSOBO	286	ABK-206	CB	600			-600	0
6118	*	VI	3307			WONOSOBO	286		LB	40			-40	0
6119	*	VI	3307			WONOSOBO	286	EWS	OT		475	143		2,000
6120	*	VI	3305	P		KEBUMEN	287	EMD-F6A	OT	800	540	32		800
6121	*	VI	3305			KEBUMEN	287	ABK-206	LB	40	3	0		40
6122		VI	3305			GOMBONG	287	ABK-205	LB	400			-400	0
6123		VI	3305			GOMBONG	287		OT		265	33		1,000
6124		VI	3305			KARANG ANYAR	287	ABK-2022	LB	100	51	15		100
6125		VI	3305			KUTOWINANGUN	287	ABK-16	LB	200	42	19		200
						TOTAL				70,920	51,283	29,693		84,000
														148,020
														-6,900

Table A-4-1(16/27) Existing Telephone Facilities by Kabupaten (16/27)

FILE: TEL33.FRN (1L254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
														C.OVER	PELITA IV
7001	**	VII	3578	T.S.P	SBY KAPASAN	31	MC-10C	OT	10,000	8,652	2,764			10,000	
7002	**	VII	3578		SBY KAPASAN	31	EWS	OT				2,000		2,000	
7003	**	VII	3578		SBY RUNGKUT	31	MC-10C	OT	10,000	7,904	5,762			10,000	
7004	**	VII	3578		SBY RUNGKUT	31	EWS	OT				6,000		6,000	
7005	**	VII	3578		SBY DARMO	31	EMD-F6A	OT	5,400	5,038	9,486			5,400	
7006	**	VII	3578		SBY DARMO	31	EWS	OT			4,000			11,000	
7007	**	VII	3578		SBY Mergoyoso	31	EMD-F6A	OT	10,200	9,586	8,756			10,200	
7008	**	VII	3578		SBY Mergoyoso	31	EWS	OT				22,000		22,000	
7009	**	VII	3578		SBY KEBALEN	31	EMD-F6A	OT	10,000	9,891	2,640			10,000	
7010	**	VII	3578		SBY KEBALEN	31	EWS	OT				17,000		17,000	
7011	**	VII	3578		SBY TANJUNG PERAK	31	EMD-F6A	OT	2,400	1,972	489			2,400	
7012	**	VII	3578		SBY TANJUNG PERAK	31	EWS	OT				4,000		4,000	
7013	**	VII	3578		SBY TANDES	31	EWS	OT			2,000			9,000	
7014	**	VII	3578		SBY Sepaujang	31	ADK-513	CB						640	
7015	**	VII	3578		SBY Sepaujang	31	EWS	OT	640	373	417			3,000	
7016	**	VII	3578		SBY KENJERAN	31	EWS	OT				4,000		4,000	
7017	**	VII	3578		SBY NGAGEL	31	EWS	OT				5,000		5,000	
7018	**	VII	3578		SBY MANYAR	31	EWS	OT				6,000		6,000	
7019	**	VII	3578		SBY KARANG MENJANGAN	31	EWS	OT				7,000		7,000	
7020	**	VII	3578		SBY INJOKO	31	EWS	OT				3,000		3,000	
7021	**	VII	3578		SBY KARANG PILANG	31	EWS	OT				2,000		2,000	
7022	**	VII	3578		SBY KANDANGAN	31	EWS	OT				1,000		1,000	
7023	**	VII	3578		SBY KALIANAK	31	EWS	OT				1,000		1,000	
7024	**	VII	3578		SBY WARU	31	EWS	OT				1,000		1,000	
7025	**	VII	3578		SBY BAMBE	31	EWS	OT				1,000		1,000	
7026	*	VII	3525		GRESIK	31	EMD-EX F6A	OT	1,200	1,144	912			1,200	
7027	*	VII	3525		GRESIK	31	EWS	OT			3,000			3,000	
7028	**	VII	3576	P	MOJOKERTO	321	EMD-F6A	OT	2,000	1,643	98			2,000	
7029	*	VII	3515		SIDOARJO	321	EMD-F6A	OT	2,000	1,795	169			2,000	
7030	*	VII	3517		JOMBANG	321	EMD-F6A	OT	1,000	983	22			1,000	
7031		VII	3516		MOJOSARI	321	ABK-206	LB	200	189	11			200	
7032		VII	3515		KRIAN	321	ABK-206	LB	200	163	13			200	
7033		VII	3517		MOJOGUNG	321	ABK-206	LB	200	133	11			200	
7034		VII	3517		PLOSO	321	ABK-206	LB	100	67	3			100	
7035	*	VII	3524	P	LAMONGAN	322	ABK-2021	LB	270	247	61			270	
7036		VII	3524		BABAT	322	ABG-2021	LB	195	170	81			195	
7037	*	VII	3526	P	BANGKALAN	323	ABK-206	LB	320					0	
7038	*	VII	3526		BANGKALAN	323	ABK-206	OT		311	0			600	
7039	*	VII	3527		SAMPANG	323	ABK-206	LB	100	169	0			100	
7040		VII	3526		KAMAL	323	ABH-1611	LB	50	29	0			50	

Table A-4-1(17/27) Existing Telephone Facilities by Kabupaten (17/27)

FILE: TEL33.PRN (IL254)
 T:IC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	EXCHANGE NAME	AREA	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO. OF SUB	WAITING	CAPACITY	
												C.OVER	PELITA IV
7041	*	VII	3528	P	PAMEKASAN	324	EMD-F6A	OT	1,000	964	170		1,000
7042	*	VII	3528		PAMEKASAN	324	ABK	LB	110	14	0		110
7043	*	VII	3529		SUMENEP	324	ABK-2021	LB	400			-400	0
7044	*	VII	3529		SUMENEP	324		OT		389	0	1,000	1,000
7045	*	VII	3509	S.P	JEMBER	331	EMD-F6A	OT	3,000	2,904	682	6,000	3,000
7046	*	VII	3509		JEMBER	331		OT					6,000
7047		VII	3509		RAMBIPUJI	331	ABK-206	LB	200	89	4		200
7048		VII	3509		BALUNG	331	ABK-1611	LB	150	112	11		150
7049		VII	3509		KENCONG	331	ABK-2011	LB	200	90	16		200
7050		VII	3508		JATIROTO	331	ABH-1610	LB	100	56	14		100
7051		VII	3509		TANGGUL	331	ABK-1611	LB	200	94	16		200
7052		VII	3509		KALISAT	331	ABK-2011	LB	200	121	44		200
7053		VII	3509		SEMPOLAU	331	ABK-1610	LB	50	25	4		50
7054		VII	3509		SUKOWONO	331	ABH-1610	LB	50	49	8		50
7055	*	VII	3511	P	BONDOWOSO	332	EMD-F69	OT	1,000	983	101		1,000
7056	*	VII	3511		BONDOWOSO	332	ABK-205	LB	50			-50	0
7057	*	VII	3511		BONDOWOSO	332		OT		12	0	2,000	2,000
7058	*	VII	3512		BESUKI	332	ABK-205	LB	200	164	0		200
7059	*	VII	3510	P	BANYUWANGI	333	EMD-F6A	OT	2,000	1,578	146		2,000
7060	*	VII	3510		BANYUWANGI	333	ABK	LB	60			-60	0
7061	*	VII	3510		BANYUWANGI	333		OT		7	134	1,000	1,000
7062		VII	3510		GENTENG	333	ABK-206	LB	300	262	39		300
7063		VII	3510		GLENMORE	333	ABH-2026	LB	40	31	3		40
7064		VII	3510		KALIBARU	333	ABK-205	LB	100	77	11		100
7065		VII	3510		LICIN	333	ABK-206	LB	50	14	6		50
7066		VII	3510		TREBRASALLA	333	ABH-1610	LB	50	11	0		50
7067		VII	3510		ROGOJAMPI	333	ABK-206	LB	240	211	135		240
7068		VII	3510		MUNCAR	333	ABH-206	LB	200	191	41		200
7069		VII	3510		BENCULUK	333	ABK-2011	LB	150	99	80		150
7070	*	VII	3508	P	LUMAJANG	334	EMD-MX F6A	OT	1,000	943	126		1,000
7071	*	VII	3508		LUMAJANG	334	LME	LB	50	3	9		50
7072	**	VII	3574	P	PROBOLINGGO	335	EMD-MX F6A	OT	1,200	1,075	281		1,200
7073	**	VII	3574		PROBOLINGGO	335	ABH-2011	LB	100			-100	0
7074	**	VII	3574		PROBOLINGGO	335	EWSD	OT		5	0	3,000	3,000
7075		VII	3513		KRAKSAAN	335	ABK-2011	LB	250	226	22		250
7076		VII	3508		KLAKAH	335	ABH-1610	LB	90	72	2		90
7077		VII	3508		PASIRIAN	335	ABH-1611	LB	200	97	0		200
7078	*	VII	3512	P	SITUBONDO	336	EMD-F6A	OT	1,000	865	23		1,000
7079	*	VII	3512		SITUBONDO	336	ABK-205	LB	50	12	0		50
7080		VII	3512		CERME	336	ABH-206	LB	50	16	0		50

Table A-4-1(18/27) Existing Telephone Facilities by Kabupaten (18/27)

FILE: TEL33.PRN (11254)
T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY		WAITING	CAPACITY		TOTAL
											(EXIST)	NO.OF SUB		C.OVER	PELITA IV	
7081	VII	3512	VII	3512		ASAMBAGUS	336	ABH-1610	LB	170	117	8			170	
7082	VII	3512	VII	3512		PANARUKAN	336	ABH-1610	LB	100	92	1			100	
7083	**	3573	VII	3573	S.P	MALANG I	341	EMD-F6A	OT	6,000	5,887	1,579			6,000	
7084	**	3573	VII	3573		MALANG I	341	EWS	OT				9,000		9,000	
7085	**	3573	VII	3573		MALANG II	341	NEC-230 MX	OT	1,000	975	1,204			1,000	
7086	**	3573	VII	3573		MALANG II	341	NEC-230 L	OT	1,000	967	579			1,000	
7087	**	3573	VII	3573		MALANG GADANG	341	EWS	OT		974		2,000		2,000	
7088	**	3573	VII	3573		MALANG BLIMBING	341	NEC	OT	1,000					1,000	
7089	**	3573	VII	3573		MALANG BLIMBING	341	EWS	OT				3,500		3,500	
7090	**	3573	VII	3573		MALANG TIMUR	341	EWS	OT				1,000		1,000	
7091	**	3573	VII	3573		MALANG KLOJEN	341	NEC	OT	978					978	
7092	**	3573	VII	3573		MALANG KLOJEN	341	EWS	OT				2,000		2,000	
7093	**	3507	VII	3507		LAWANG	341	ABK-206	LB	450			-450		0	
7094	VII	3507	VII	3507		LAWANG	341		OT		446	120	600		600	
7095	VII	3507	VII	3507		KEPANJEN	341	ABK-206	LB	400	289	65			400	
7096	VII	3507	VII	3507		SUMBER PUCUNG	341	ABH-1611	LB	100	58	19			100	
7097	VII	3507	VII	3507		GONDANG LEGI	341	ABK-205	LB	100	99	11			100	
7098	VII	3507	VII	3507		TUREN	341	ADK-206	LB	100	71	28			100	
7099	VII	3507	VII	3507		DAMPIT	341	ABK-206	LB	200	98	33			200	
7100	VII	3507	VII	3507		BULU LAWANG	341	ABH-1611	LB	100	62	8			100	
7101	VII	3507	VII	3507		BATU	341	ADK-513	CB	640	615	215			640	
7102	VII	3507	VII	3507		PUJON	341	ABH-1610	LB	50	25	5			50	
7103	VII	3507	VII	3507		SINGOSARI	341	ABK-2011	LB	200	154	75			200	
7104	VII	3507	VII	3507		TUMPANG	341	ABH-1610	LB	100	67	20			100	
7105	**	3572	VII	3572	P	BLITAR	342	EMD-F6A	OT	1,000	984	220			1,000	
7106	**	3572	VII	3572		KESAMBEN	342	ABK-206	LB	100	69	0	3,000		3,000	
7107	VII	3505	VII	3505		WLINGI	342	ABK-2011	LB	200	147	0			200	
7108	VII	3505	VII	3505		LODOYO	342	ABH-1610	LB	50	43	0			50	
7109	VII	3505	VII	3505		SRENGAT	242	ABH-1610	LB	100	47	0			100	
7110	VII	3505	VII	3505		PANATARAN	342	ABH-1610	LB	30	20	0			30	
7111	**	3575	VII	3575	P	PASURUAN	343	EMD-F6A	OT	2,600	2,157	51			2,600	
7112	**	3575	VII	3575		PASURUAN	343	ABK-205	LB	120	59	0			120	
7113	**	3514	VII	3514		PRIGEN	343	EMD-F6A	OT	800	720	22			800	
7114	VII	3514	VII	3514		PRIGEN	343	ABK	LB	50	16	0			50	
7115	VII	3514	VII	3514		BANGIL	343	ABK-2012	LB	400	296	53			400	
7116	VII	3514	VII	3514		GEMPOL	343	ABK-2012	LB	240	220	12			240	
7117	VII	3514	VII	3514		PANDAAN	343	ABK-2012	LB	250	218	16			250	
7118	**	3577	VII	3577	S.P	MADIUN	351	SCHPASCH16	OT	2,200	2,074	558			2,200	
7119	**	3577	VII	3577		MADIUN	351		OT				3,000		3,000	
7120	**	3577	VII	3577		MADIUN	351		OT							

Table A-4-1(19/27) Existing Telephone Facilities by Kabupaten (19/27)

FILE: TEL33.PRN (1L254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	EXCHANGE NAME	AREA	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
												C.OVER	PELITA IV
7121		VII	3520		MAOSPATI	351	ABK-1925	LB	50	44	5		50
7122	*	VII	3520		MAGETAN	351	ABH-1503	LB	330	223	52		330
7123		VII	3520		SARANGAN	351	ABH	LB	50	44	1		50
7124		VII	3519		CARUBAN	351	ABK-2011	LB	150	145	2		150
7125	*	VII	3521		NGAWI	351	ABK-2011/1503	LB	270	265	20		270
7126		VII	3521		WALIKUKUN	351	ABH-1601	LB	50	41	0		50
7127	*	VII	3502	P	PONOROGO	352	EMD-F6A	OT	1,000	823	44		1,000
7128	*	VII	3502		PONOROGO	352	ABK	LB	60	10	0		60
7129	*	VII	3522	P	BOJONEGORO	353	EMD-F6A	OT	1,000	976	113		1,000
7130	*	VII	3522		BOJONEGORO	353	ABK-ABK 2 UIN	LB	100				0
7131		VII	3522		BOJONEGORO	353		OT		7	0		0
7132		VII	3522		SUMBERREJO	353	ABK-160	LB	100	55	1		100
7133		VII	3522		JATIROGO	353	ABK-160	LB	90	55	4		90
7134	**	VII	3571	P	KEDIRI	354	EMD-F6A	OT	2,800	2,637	201		2,800
7135	**	VII	3571		KEDIRI	354		OT					0
7136	*	VII	3518		NGANJUK	354	ABH-1505	LB	480	434	0		480
7137		VII	3518		KERTOSONO	354	STAND ABK	LB	250	173	0		250
7138		VII	3506		PARE	354	ABK-2011	LB	400	382	0		400
7139		VII	3506		KAUDANGAU	354	ABH-1947	LB	60	38	0		60
7140		VII	3506		KEPUNG	354	ABK-1947	LB	20	13	0		20
7141		VII	3506		PAPAR	354	ABH-1947	LB	50	30	0		50
7142		VII	3506		NGADILUWIH	354	ABH-1947	LB	70	44	0		70
7143		VII	3506		WATES	354	ABH-1947	LB	90	68	0		90
7144	*	VII	3504	P	TULUNGAGUNG I	355	EMD-MX F6A	OT	1,000	975	202		1,000
7145	*	VII	3503		TRENGGALEK	355	ABK-206	LB	270	188	83		270
7146		VII	3504		NGUNUT	355	ABK-206	LB	200	142	32		200
7147		VII	3504		CAMPURDARAT	355	ABK-1601	LB	50	26	9		50
7148	*	VII	3523	P	TUBAN	356	ABK-2021	LB	640				0
7149	*	VII	3523		TUBAN	356		OT		439	131		800
7150	*	VII	3501	P	PACITAN	357	ABK-2011	LB	200				0
7151	*	VII	3501		PACITAN	357	SAT(SBK)	OT		196	31		600
					TOTAL				101,223	88,859	39,656	9,000	142,100
													250,003
													-2,320

Table A-4-1(20/27) Existing Telephone Facilities by Kabupaten (20/27)

FILE: TEL50.PRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE	NAME	AREA	CODE	SWITCH	MODEL	TYPE	CAPACITY		CAPACITY		TOTAL
													(EXIST)	NO.OF	C.OVER	PELITA IV	
8001	*	VIII	5103	S.P	DENPASAR	I	361	EMD-F6A	OT	6,800	5,688	7,189	6,800			6,800	
8002	*	VIII	5103		DENPASAR	I	361	F-36	LB	256				-256		0	
8003	*	VIII	5103		DENPASAR	I	361	EWS	OT		223			9,000		9,000	
8004	*	VIII	5103		DENPASAR	II	361	EWS	OT					6,000		6,000	
8005	*	VIII	5103		KUTA		361	EMD	OT	1,000	223	830				1,000	
8006	*	VIII	5103		NUSADUA		361	NEC-NC-230A	OT	600	144	318				600	
8007	*	VIII	5103		NUSADUA		361	EWS	OT							1,500	
8008	*	VIII	5103		SANUR		361	EMD-F6A	OT	800	576	378				800	
8009	*	VIII	5103		TUBAN		361	DENA LINK PABX	OT	100	42	773				100	
8010	*	VIII	5108	P	SINGARAJA		362	SWITCH OVER	OT	2,000	1,691	107				2,000	
8011	*	VIII	5108		SINGARAJA		362	F-36	LB	60	19	0				60	
8012	*	VIII	5108		SERIRIT		362	ABH-1601	LB	200	178	11				200	
8013	*	VIII	5107	P	AMLAPURA		363	LME 2021	LB	200	176	0				200	
8014	*	VIII	5102		TABANAN		363	ABK-2022	LB	640				-640		0	
8015	*	VIII	5102		TABANAN		363	EWS	OT		552	0				1,600	
8016	*	VIII	5104		GIANYAR		363	ABH-1610	LB	200	18	0				200	
8017	*	VIII	5105		KLUNGKUNG		363	ABK-2021	LB	400				-400		0	
8018	*	VIII	5105		KLUNGKUNG		363	EWS	OT		252	0				600	
8019	*	VIII	5106		BANGLI		363	ABK-1161	LB	200				-200		0	
8020	*	VIII	5106		BANGLI		363	SAT(SBK)	OT		117	0				400	
8021	*	VIII	5201	P	MATARAM		364	PC-1000C	OT	3,000	2,899	2,470				3,000	
8022	*	VIII	5201		MATARAM		364	PKAP-2003	LB	140				-140		0	
8023	*	VIII	5201		MATARAM		364	EWS	OT		76	0				3,000	
8024	*	VIII	5202		PRAYA		364	ABH-206	LB	400	226	196				400	
8025	*	VIII	5203		SELONG		364	ABH-206	LB	400	259	122				400	
8026	*	VIII	5201		LEMBAR		364	ABH-206	LB		29	7				50	
8027	*	VIII	5101	P	NEGARA		365	ABK-2022	LB	400	262	0				400	
8028	*	VIII	5204	S.P	SUMBAWA BESAR		371	PC-1000C	OT	926	785	105				926	
8029	*	VIII	5204		SUMBAWA BESAR		371	2003 C	LB	100				-100		0	
8030	*	VIII	5204		SUMBAWA BESAR		371		OT		80	0				1,000	
8031	*	VIII	5204	P	TALIWANG		372	ABK-206	LB	140	95	0				140	
8032	*	VIII	5204		ALAS		372	SAT(SBK)	OT					400		400	
8033	*	VIII	5205	P	DOMPU		373	ABK-206	LB	300	229	272				300	
8034	*	VIII	5206	P	RABA		374	ABK-206	LB	120				-120		0	
8035	*	VIII	5206		RABA		374	ABK-513	LB	960				-960		0	
8036	*	VIII	5206		RABA		374	EWS	OT		933	763				2,000	
8037	*	VIII	5206		SILA		374	ABH-162	LB	50	47	60				50	
8038	*	VIII	5206		TENTE		374	ABH-162	LB	200	47	114				200	
8039	*	VIII	5310	S.P	ENDE		381	ABK-206	LB	600				-600		0	
8040	*	VIII	5310		ENDE		381	ABJ-1010/3T	LB	20				-20		0	
8041	*	VIII	5310		ENDE		381	EWS	OT		523	89				1,000	
8042	*	VIII	5310		WOLOWARU		381	ABH/160/50/51	LB	50	11	3				50	
8043	*	VIII	5309	P	MAUMERE		382	ABK-206/16T	CB	550	298	473				550	

Table A-4-1(21/27) Existing Telephone Facilities by Kabupaten (21/27)

FILE: TEL50.PRN (IL254)
 I:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY		WAITING	CAPACITY	
										(EXIST)	NO.OF SUB		C.OVER	PELITA IV
8044	*	VIII	5308	P		LARANTUKA	383	ABJ-10101	LB	150	107	121		150
8045	*	VIII	5311	P		BANJAWA	384	ABK-206/18T	LB	200			-200	0
8046	*	VIII	5311			BANJAWA	384	SAT(SBK)	OT		140	111	200	200
8047	*	VIII	5311			BANJAWA	384	EWS	OT				200	200
8048	*	VIII	5312	P		RUTENG	385	ABK-206/16T	LB	400			-400	0
8049	*	VIII	5312			RUTENG	385	EWS	OT		348	51	1,000	1,000
8050	*	VIII	5312			REO	385	ABH-162/8T	LB	100	77	3		100
8051	*	VIII	5301	P		WAIKABUBAK	387	ABJ-101	LB	150	109	111		150
8052	*	VIII	5303	S.P		KUPANG	391	PC-1000C	OT	1,500	1,425	1,083		1,500
8053	*	VIII	5303			KUPANG	391	ME-2003P	LB	40			-40	0
8054	*	VIII	5303			KUPANG	391	EWS	OT		38	0	9,000	9,000
8055	*	VIII	5303			CAMPLONG	391	ABK 1610/ST	LB	50	14	3		50
8056	*	VIII	5304	P		SOE	392	ABK-205	LB	150	105	99		150
8057	*	VIII	5304			NIKI NIKI	392	ABH-1610/50/51	LB	30	18	15		30
8058	*	VIII	5305	P		KEFAMENANU	393	ABK-205/10T	LB	120			-120	0
8059	*	VIII	5305			KEFAMENANU	393	SAT(SBK)	OT		111	76	200	200
8060	*	VIII	5305			OELOLOK	393	ABH-1610	LB	30	8	3		30
8061	*	VIII	5306	P		ATAMBUA	394	ABJ-101	LB	220	193	37		220
8062	*	VIII	5403			ALAS	394	ABK-205/206	LB	200	174	0		200
8063	*	VIII	5303	P		BAA	395	ABK-205/10T	LB	100			-100	0
8064	*	VIII	5303			BAA	395	SAT(SBK)	OT		33	28	200	200
8065	*	VIII	5307	P		KALABAHI	397	ABJ-101	LB	200	198	196		200
8066	*	VIII	5406	P		BAUCAU	399	ABK	LB	200				200
8067	*	VIII	5407			MANATUTO	399	EWS	OT				200	200
8068	*	VIII	5407			MANATUTO	399	SAT(SBK)	OT				200	200
8069	*	VIII	5408	P		DILLI	390	PC-	OT	800	477	111		800
8070	*	VIII	5408			DILLI	390	EWS	OT				6,000	6,000
8071	*	VIII	5409			AILUI	390	EWS	OT				200	200
8072	*	VIII	5409			AILUI	390	SAT(SBK)	OT				200	200
8073	*	VIII	5410			LIQUICA	390	EWS	OT				200	200
8074	*	VIII	5410			LIQUICA	390	SAT(SBK)	OT				200	200
8075	*	VIII	5411			ENMERA	390	EWS	OT				200	200
8076	*	VIII	5411			ENMERA	390	SAT(SBK)	OT				200	200
8077	*	VIII	5412			MALIANA	390	EWS	OT				200	200
8078	*	VIII	5412			MALIANA	390	SAT(SBK)	OT				200	200
8079	*	VIII	5413			PANTE MAKASAR	390	EWS	OT				200	200
8080	*	VIII	5413			PANTE MAKASAR	390	SAT(SBK)	OT				200	200
8081	*	VIII	5403			SAME	390	EWS	OT				200	200
8082	*	VIII	5403			SAME	390	SAT(SBK)	OT				200	200
8083	*	VIII	5401			SUAI	390	EWS	OT				200	200
8084	*	VIII	5401			SUAI	390	SAT(SBK)	OT				200	200
8085	*	VIII	5402			AINARO	390	EWS	OT				200	200
8086	*	VIII	5402			AINARO	390	SAT(SBK)	OT				200	200
										26,502	20,273	16,328	46,900	69,106
													-4,296	

Table A-4-1(22/27) Existing Telephone Facilities by Kabupaten (22/27)

FILE: TEL50.PRN (IL254)
T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING C.OVER	CAPACITY	
													PELITA IV	TOTAL
9001	**	IX	6371	T.S.P	BANJARMASIN I	511	HKS-442	OT	3,000	3,561	3,405			3,000
9002	**	IX	6371		BANJARMASIN I	511	EWSD	OT				6,000		6,000
9003	**	IX	6371		BANJARMASIN II	511	EMD-FGA	OT	1,000					1,000
9004	**	IX	6371		BANJARMASIN II	511	EWSD	OT				10,000		10,000
9005		IX	6303		BANJARBARU	511	NC-230L NEC	OT	600	553	143			600
9006	*	IX	6303		BANJARBARU	511	EWSD	OT				2,000		2,000
9007	*	IX	6303		MARTAPURA	511	ABK-2021	LB	600	372	0			600
9008	*	IX	6305		RANTAU	511	ABH-1611	LB	200	142	0			200
9009	*	IX	6304		MARABAHAN	511	EWSD	OT				600		600
9010	*	IX	6301	P	PLEIHARI	512	ABH-2611	LB	200			-200		0
9011	*	IX	6301		PLEIHARI	512	SAT(SBK)	OT	400	89	0			200
9012	*	IX	6204	P	KUALA KAPUAS	513	ABK-2012	LB				-400		0
9013	*	IX	6204		KUALA KAPUAS	513	EWSD	OT	1,000	188	0			1,000
9014	**	IX	6271	P	PALANGKARAYA	514	PC-1000C	OT		948	931			1,000
9015	*	IX	6205	P	BUNTOK	515	ABJ	LB	50			-50		0
9016	*	IX	6205		BUNTOK	515	EWSD	OT				1,000		1,000
9017	*	IX	6309	P	TANJUNG	516	ABK-206	LB	200	71	0			200
9018	*	IX	6206		TEMIANG LAYANG	516	SAT(SBK)	OT				200		200
9019	*	IX	6308	P	KANDANGAN	517	ADK-513	CB	560	248	0			560
9020	*	IX	6308		AMUNTAI	517	ABK-206	LB	350	176	0			350
9021	*	IX	6307		BARABAI	517	ABK-2021	LB	400	260	0			400
9022	*	IX	6302	P	KOTA BARU	518	ABJ	LB	200					200
9023	*	IX	6207	P	MUARATEWEH	519	ABK-2021	LB	300	174	116			300
9024	*	IX	6202	S.P	SAMPIT	531	ADK	CB	400			-400		0
9025	*	IX	6202		SAMPIT	531	EWSD	OT		394	354			2,000
9026		IX	6202		KUALA PEMBUANG	531	ABJ	LB	50	37	27			50
9027		IX	6202		KUALA KUAYAN	531	ABH	LB	250	106	105			250
9028		IX	6102		SUNGAI PINYUH	531	ABK-162	LB	300	118	0			300
9029	*	IX	6201	P	PANGKALAN BUUN	532	ABJ	LB	100			-100		0
9030	*	IX	6201		PANGKALAN BUUN	532	EWSD	OT				2,000		2,000
9031		IX	6104	P	PANGGATAYAP	533	ABH-1611	LB	50	8	0			50
9032	*	IX	6104	P	KETAPANG	534	ABK-206	LB	400	204	10			400
9033		IX	6104		KENDAWANGAN	534	ABH	LB	100	7	24			100
9034		IX	6104	P	SUKADANA KALIMANTAN	535	GEC-50	LB	10	3	0			10
9035	*	IX	6208	P	KUALA KURUN	537	ABJ	LB	50	20	27			50
9036	**	IX	6472	S.P	SAMARINDA	541	ART-102	OT	3,000	2,908	1,879			3,000
9037	**	IX	6472		SAMARINDA	541	EWSD	OT				9,000		9,000
9038	**	IX	6402		TENGGARONG	541	ABK-206	LB	400	239	56			400
9039	**	IX	6471	P	BALIKPAPAN	542	ART-102	OT	2,000	1,807	3,182			4,000
9040	**	IX	6471		BALIKPAPAN	542	EWSD	OT				2,000		7,500

Table A-4-1(23/27) Existing Telephone Facilities by Kabupaten (23/27)

FILE: TEL50.PRN (11254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING C.OVER	CAPACITY		
													PELITA IV	TOTAL	
9041	*	IX	6401	P		TANAH GROGOT	543	ABX-200	LB	400	192	165	-400	0	
9042	*	IX	6401	P		TANAH GROGOT	543	EWSD	OT				600	600	
9043		IX	6402	P		BONTANG	548	EWSD	OT				2,000	2,000	
9044		IX	6404	S.P		TARAKAN	551	ARF-102	OT	1,000	823	375		1,000	
9045		IX	6404	P		NUNUKAN	551	ABH	LB	250	106	105		250	
9046	*	IX	6404	P		TANJUNG SELOR	552	ABJ	LB	200	46	0		200	
9047		IX	6404	P		MALINAU	553	SAT(SBK)	OT				200	200	
9048	*	IX	6403	P		TANJUNG REDOR	554	ABJ	LB	50	46	0		50	
9049	**	IX	6171	S.P		PONTINAK	561	EMD-F6A	OT	2,400	2,122	2,601		2,400	
9050	**	IX	6171	S.P		PONTINAK	561	EWSD	OT				9,000	9,000	
9051		IX	6101			BENGGAYANG	561	ABH-1611	LB	100			-100	0	
9052		IX	6101			BENGGAYANG	561	SAT(SBK)	OT		15	0	200	200	
9053	*	IX	6102			MEMPAWAH	561	ABK-2012	LB	400	211	18		400	
9054		IX	6102			PADANG KARIMATA	561	ABJ	LB	100	7	24		100	
9055	*	IX	6101	P		SINGKAWANG	562	ABK-205	LB	900	463	24		900	
9056		IX	6101			PEMANGKAT	562	ABK-205	LB	200	135	8		200	
9057		IX	6101			SAMBAS	562	ABH-162	LB	250	97	3		250	
9058		IX	6102	P		NGABANG	563	ABK-203	LB	150			-150	0	
9059		IX	6102			NGABANG	563	SAT(SBK)	OT		25	14		200	
9060	*	IX	6103	P		SANGGAU	564	ABK-2022	LB	200	183	12		200	
9061		IX	6103			SEKADAU	564	ABH-1611	LB	50	10	0		50	
9062	*	IX	6105	P		SINTANG	565	ABK-1611	LB	200	77	72		200	
9063	*	IX	6106	P		PUTUSIBAU	567	GEC-50	LB	200	61	20		200	
9064		IX	6105	P		NANGAPINOH	568	SAT(SBK)	OT				200	200	
TOTAL										23,220	17,252	13,700	11,000	44,900	77,320
														-1,800	

Table A-4-1(24/27) Existing Telephone Facilities by Kabupaten (24/27)

FILE: TEL70.PRN (1L254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA	CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
														C.OVER	PELITA IV
10001	**	X	7371	T.S.P	UJUNG PANDANG I	411	HKS-442	OT	8,200	11,874	4,998			8,200	
10002	**	X	7371		UJUNG PANDANG I	411	EWSD	OT				3,000		3,000	
10003	**	X	7371		UJUNG PANDANG II	411	PC-1000C	OT	4,000					4,000	
10004	**	X	7371		UJUNG PANDANG III	411	EWSD	OT			10,000			10,000	
10005	**	X	7371		UJUNG PANDANG IIII	411	EWSD	OT				2,000		2,000	
10006	**	X	7371		UJUNG PANDANG IV	411	EWSD	OT				2,000		2,000	
10007	**	X	7371		UJUNG PANDANG V	411	EWSD	OT				1,000		1,000	
10008	*	X	7310		PANGKAJENE	411	ABK-2010/12T	LB	400	198	1			400	
10009	*	X	7309		MAROS	411	ABK-2012/12T	LB	400	341	0			400	
10010	*	X	7306		SUNGGUMINASA	411	ABK-2012/12T	LB	400	200	0			400	
10011	*	X	7306		MALINO	411	ABK-1610/8T	LB	50	47	0			50	
10012	*	X	7305		TAKALAR	411	ABK-2012/12T	LB	200					200	
10013	*	X	7305		TAKALAR	411	SAT(SBK)	OT		100	0			100	
10014	*	X	7305		MANDAI	411	ABH-1610/8T	LB	50	35	0			50	
10015	*	X	7308	P	WATAMPONE	412	ADK-513	CB	450	425	50			450	
10016	*	X	7308		WATAMPONE	412	ABH-1610	LB	10	0	0			10	
10017	*	X	7312		WATAN SOPENG	412	ABK-2022	LB	400	187	62			400	
10018	*	X	7307		SINJAI	412	ABK-2011/12T	LB	150	142	0			150	
10019	*	X	7312		CABENGE	412	ABH-1610/8T	LB	50	18	34			50	
10020	*	X	7303	P	BANTAENG	413	ABK-2012/12T	LB	400					400	
10021	*	X	7303		BANTAENG	413	EWSD	OT		198	63			200	
10022	*	X	7304		JENEPONTO	413	ABK-2012/12T	LB	100					100	
10023	*	X	7304		JENEPONTO	413	SAT(SBK)	OT		92	0			200	
10024	*	X	7302		BULUKUMBA	413	ABK 2012/12T	LB	400	218	0			400	
10025	**	X	7372	S.P	PARE-PARE	421	PC-1000C	OT	1,000	983	332			1,000	
10026	**	X	7372		PARE-PARE	421		OT				2,000		2,000	
10027	*	X	7315		PINRANG	421	ABK-2012/16T	LB	400	210	53			400	
10028	*	X	7314		RAPPANG	421	ABK-2010/12T	LB	200	130	42			200	
10029	**	X	7372		SIMPANG BINANGA	421	EWSD	OT						200	
10030	*	X	7316		ENREKANG	421	ABK-2010/12T	LB	100	68	10			100	
10031	*	X	7314		P. SIDENRENG	421	ABK-2012/16T	LB	400	215	89			400	
10032	*	X	7320	P	MAJENE	422	ABK-2010/12T	LB	200	138	21			200	
10033	*	X	7319		POLEWALI	422	ABK-2012/16T	LB	200	193	167			200	
10034	*	X	7318	P	RANTEPAO	423	ABK-2010/18T	LB	400	194	60			400	
10035	*	X	7318		MAKALE	423	ABK-2010/12T	LB	200	147	46			200	
10036	*	X	7317	P	PALOPO	424	ABK-206	LB	400	247	150			400	
10037	*	X	7313	P	SINGKANG	425	ABK-2012	LB	400	284	108			400	
10038	*	X	7321	P	MAMUJU	426	EWSD	OT				200		200	
10039	*	X	7321		MAMUJU	426	SAT(SBK)	OT				200		200	
10040	**	X	7172	S.P	MANADO I	431	HKS-442	OT	2,600	3,875	1,375			2,600	

Table A-4-1(25/27) Existing Telephone Facilities by Kabupaten (25/27)

FILE: TEL70.PRN (IL254)

T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY		CAPACITY		TOTAL
									(EXIST)	NO.OF SUB	C.OVER	PELITA IV	
10041	**	X	7172		MANADO II	431	PC-1000C	OT	2,000			2,000	
10042	**	X	7172		MANADO II	431	EWSD	OT			7,000	2,000	9,000
10043	*	X	7103		TOMOHON	431	ABK-2022	LB	400	233	16		400
10044	*	X	7103		TONDANO	431	ABK-2022	LB	300			-300	0
10045	*	X	7103		TONDANO	431	EWSD	OT	260	1	1	600	600
10046	*	X	7103		AMURANG	431	ABK-2011	LB	100	52	1		100
10047	*	X	7103		KAWANGKOAN	431	ABK-2012	LB	140	57	4		140
10048	*	X	7104	P	TAHUNA	432	ABJ-101	LB	200	87	0		200
10049	*	X	7102	P	KOTAMOBAGU	434	ABK-2022	LB	400	207	58		400
10050	**	X	7171	P	GORONTALO	435	ABK-162	LB	40			-40	0
10051	**	X	7171		GORONTALO	435	ADK-513	CB	1,160		497	-1,160	0
10052	**	X	7171		GORONTALO	435	EWSD	OT		1,179		7,000	7,000
10053	*	X	7101		LIMBOTO	435	ABK	LB	200			-200	0
10054	*	X	7101		LIMBOTO	435	EWSD	OT	400	380	98	400	400
10055	*	X	7103	P	BITUNG	438	ABK-2012	LB	400			-400	0
10056	*	X	7103		BITUNG	438	EWSD	OT			1,000	2,000	3,000
10057	*	X	7103		AIR MADIDI	438	ABH-1610	LB	50	32	4		50
10058	*	X	7203	S.P	PALU	451	PC-1000C	OT	1,000	998	1,714		1,000
10059	*	X	7203		PALU	451	EWSD	OT				5,000	5,000
10060	*	X	7203		DONGGALA	451	ABK-2011/18T	LB	200	181	22		200
10061	*	X	7203		TAWAELI	451	ABK-1610/8T	LB	100	99	55		100
10062	*	X	7202	P	POSO	452	META CONTA	OT	896	695	96		896
10063	*	X	7204	P	TOLI TOLI	453	ADK-513	CB	640	207	350		640
10064	*	X	7204		SIDRAP	453	SAT(SBK)	OT				500	500
10065	*	X	7203		PARIGI	453	ABH-1610	LB	100			-100	0
10066	*	X	7203		PARIGI	453	SAT(SBK)	OT	800	100	100	200	200
10067	*	X	7201	P	LUWUK	458	ABK-206/2022T	LB				-800	0
10068	*	X	7201		LUWUK	458	EWSD	OT	1,000	796	232	1000	1,000
10069	*	X	7403	S.P	KENDARI	401	PC-1000C	OT		992	463	5,000	5,000
10070	*	X	7403		KENDARI	401	EWSD	OT					800
10071	*	X	7401	P	BAU-BAU	402	ADK-513	CB	800	174	191		800
10072	*	X	7401		BAU-BAU	402	ABK-206	LB	20	0	0		20
10073	*	X	7402	P	RAHA	403	ABK-205	LB	200	112	120		200
10074	*	X	7404	P	KOLAKA	405	ABK-205	LB	280	196	100		280
					TOTAL				33,586	27,796	11,783	44,000	91,886
											-400	-3,300	

Table A-4-1(26/27) Existing Telephone Facilities by Kabupaten (26/27)

FILE: TEL70.PRN (1L254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	CAPACITY	
													C.OVER	PELITA IV
11001	**	XI	8171	T.S.P	AMBON	911	HKS-442	OT	1,600	3,316	420			1,600
11002	**	XI	8171		AMBON	911	PC-1000C	OT	2,000					2,000
11003	**	XI	8171		AMBON	911	EWS	OT					3,000	3,000
11004	**	XI	8171		AMBON POKA	911	EWS	OT					500	500
11005	**	XI	8171		AMBON PASO	911	EWS	OT					500	500
11006		XI	8102		PASO	911	ABK-205	LB	200	75	26			200
11007		XI	8102	P	NAMLEA	913	ABK	LB	100					100
11008	*	XI	8102	P	MASOHI	914	ABK-205	LB	250					250
11009	*	XI	8102		MASOHI	914	EWS	OT		181	23			1,200
11010	*	XI	8101	P	TUAL	916	ABK-2022/2021	LB	400					400
11011	*	XI	8101		TUAL	916	EWS	OT		396	41			600
11012		XI	8101	P	DOBO	917	SAT(SBK)	OT						200
11013		XI	8101	P	SAUMLAKI	918	ABJ	LB	50					50
11014	*	XI	8104	S.P	TERNATE	921	PC-1000C	OT	1,000	942	96			1,000
11015	*	XI	8104		TERNATE	921		OT					2,000	2,000
11016	*	XI	8103		SOA SIU	924	ABK-2011	LB	140	87	0			140
11017		XI	8104	P	TOBELO	924	ABK-206	LB	200	4	0			200
11018		XI	8103	P	LABUHA	927	SAT(SBK)	OT					200	200
11019		XI	8103	P	SANANA	929	ABJ-10101	LB	54	3	0			54
					TOTAL				5,994	5,004	606			8,200
														-650

FILE: TEL70.PRN (IL254)
 T:TC S:SC P:PC *:IKK **:KOTAMADYA

Table A-4-1(27/27) Existing Telephone Facilities by Kabupaten (27/27)

NO.	IKK	WITEL	KAB	RANK	T/S/P	EXCHANGE NAME	AREA CODE	SWITCH MODEL	TYPE	CAPACITY (EXIST)	NO.OF SUB	WAITING	C.OVER	FELITA IV	TOTAL
12001	*	XII	8206	S.P	SORONG	951	PC-1000C	OT	1,000	953	361				1,000
12002		XII	8206		SENTRAL DOOM	951	ABK-1602/10T	LB	50	20	3				50
12003		XII	8206		TEMINABUAN	951	ABJ-101	LB	50	4	13				50
12004	*	XII	8205	P	FAK-FAK	956	ABK-205/206	LB	400	46	127				400
12005		XII	8205	P	KAIMANA	957	ABJ-101	LB	50	4	87				50
12006	*	XII	8208	P	BIAK	961	PC-1000C	OT	1,000	612	129				1,000
12007	*	XII	8207	P	MANOKWARI	962	PC-1000C	OT	1,000	608	122				1,000
12008	*	XII	8209	P	SERUI	963	ABK-206	LB	400	345	28				400
12009	*	XII	8204	P	NABIRE	964	ABJ-101	LB	50	30	85				50
12010		XII	8203	P	SARMI	966	ABJ-101	LB	50	11	35				50
12011	*	XII	8203	S.P	JAYAPURA	967	PC-1000C	OT	2,000	1,709	214				2,000
12012	*	XII	8203		JAYAPURA	967	EWS	OT						4,000	4,000
12013		XII	8203		ABEPURA	967	ABK-205	LB	400	319	62				400
12014		XII	8203		SENTANI	967	ABK-205	LB	200	150	17				200
12015		XII	8203		IFAR	967	ABK-162	LB	50						50
12016	*	XII	8202	P	WAMENA	969	ABK-206	LB	200	92	7				200
12017	*	XII	8201	S.P	MERAUKE	971	PC-1000C	OT	1,000	588	89				1,000
12018		XII	8201	P	TANAH MERAH	975	ABJ-101	LB	50	5	2				50
12019		XII	8205		SUS TEMBAGAPURA	979	43 ABJ-101	LB	80	10	0				80
					TOTAL				8,030	5,506	1,381			4,000	12,030

Table A-4-2(1/10) Earth Stations in PELITA-IV (1/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		PELITA IV		NOTE
				STAGE	CODE	EXISTING	LINE EXCHANGE	
I	1101	ACEH SELATAN	TAPAK TUAN	PC	656	5		
I	1101	ACEH SELATAN	SINGKIL	PC	658	5		
I	1101	ACEH SELATAN	BLANGPIDIE	LE	656	5		
I	1102	ACEH TENGGARA	KUTACANE	PC	629	5		
I	1102	ACEH TENGGARA	BLANG KEJEREN	PC	642		6	200
I	1103	ACEH TIMUR						
I	1104	ACEH TENGAH	TAKENONG	PC	643	5		
I	1105	ACEH BARAT	MEULABOH	PC	655	5		
I	1105	ACEH BARAT	SINABANG	PC	650	5		
I	1105	ACEH BARAT	CALANG	PC	654		3	
I	1106	ACEH BESAR	JANTHOI	LE	651		6	400
I	1107	PIDIE						
I	1108	ACEH UTARA						
I	1171	KODYA/IBUKOTA PROP.	BANDA ACEH	SC	651	34		SBB
I	1201	NIAS	G. SITOLI	PC	639	3		
I	1202	TAPANULI SELATAN	PANYABUNGAN	PC	636		6	200
I	1202	TAPANULI SELATAN						
I	1203	TAPANULI TENGAH						
I	1204	TAPANULI UTALA	BALIGE	PC	632		6	400
I	1204	TAPANULI UTALA	PANGURUAN	PC	626		6	200
I	1205	LABUHAN BATU	LABUHAN BILIK	LE	624		5	
I	1205	LABUHAN BATU	KOTA PINANG	LE	624		6	200
I	1205	LABUHAN BATU	MEMBANG MUDA(AEKANOPAN)	LE	624		6	200
I	1206	ASAHAN						
I	1207	SIMALUNGUN						
I	1208	DAIRI						
I	1209	KARO						
I	1210	DELI SERDANG	DOLOG MARANGIR(SERBELAWAN)	LE	620		6	200
I	1211	LANGKAT	KUALA	LE	620		6	200
I	1211	LANGKAT	STABAT	LE	620		6	400
I	1275	KODYA/IBUKOTA PROP.	MEDAN	TC	61	64		SBB
I	1271	KOTAMADYA						

Table A-4-2(2/10) Earth Stations in PELITA-IV (2/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		EXISTING	PELITA IV		NOTE
				STAGE	CODE		LINE	EXCHANGE	
II	1301	PESISIR SELATAN	PAINAN	PC	756				
II	1301	PESISIR SELATAN	BALAI SELASA	LE	756		6	200	
II	1302	SOLOK	ALAHAN PANJANG	LE	755		6	200	
II	1302	SOLOK	MUARA LABUH	LE	755		6	200	
II	1303	SAWAHLUNTO/SIJUNJUNG	SIJUNJUNG	PC	754		6	200	
II	1303	SAWAHLUNTO/SIJUNJUNG	SUNGAI DAREH	LE	754		6	200	
II	1304	TANAH DATAR							
II	1305	PADANG PARIAMAN	MUARA SIBERUT	PC	759	5			
II	1305	PADANG PARIAMAN	LUBUK BASUNG	LE	752		6	200	
II	1306	AGAM							
II	1307	LIMA PULUH KOTO							
II	1308	PASMAN	TALU	LE	753		6	200	
II	1308	PASMAN	LUBUKSIKAPING	PC	753		6	400	
II	1308	PASMAN	SIMPANG EMPAT	LE	753		3		TEL. FAC.
II	1371	KODYA/IBUKOTA PROP.	PADANG	SC	751	20			SBB
II	1373	KOTAMADYA	SAWAH LUNTO	LE	754		6	400	
II	1401	INDRAGIRI HULU	RENGAT	PC	769	5			
II	1401	INDRAGIRI HULU	AIR MOLEK	LE	769		6	200	
II	1401	INDRAGIRI HULU	TELUK KUANTAN	PC	760		6	400	
II	1402	INDRAGIRI HILIR	TEMBILAHAN	PC	768	5			
II	1403	KUPULAUAN RIAU	PULAU BATAM(SEKUPANG)	SC	778	33			SBS
II	1403	KUPULAUAN RIAU	DABO SINGKEP	PC	776	5			
II	1403	KUPULAUAN RIAU	TANJUNG BATU	PC	779	5			
II	1403	KUPULAUAN RIAU	RANAI	PC	773	5			
II	1403	KUPULAUAN RIAU	TEREMPA	PC	772				
II	1404	KAMPAR	BANGKINANG	PC	762		6	200	
II	1404	KAMPAR	PASIR PANGARAIAN	PC	763		3		TEL.FAC.
II	1405	BENGKALIS	BENGKALIS	PC	766	5			
II	1405	BENGKALIS	DUMAI	PC	765	5			
II	1405	BENGKALIS	BAGANSIAPAPI	PC	767	5			
II	1471	KODYA/IBUKOTA PROP.	PAKANBARU	SC	761	29			SBB

Table A-4-2(3/10) Earth Stations in PELITA-IV (3/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		EXISTING	PELITA IV		NOTE
				STAGE	CODE		LINE	EXCHANGE	
III	1501	KERINCI	SUNGAI PENUH	PC	748	5			
III	1502	SARKO	BANGKO	PC	746		12	600	
III	1503	BATANGHARI							
III	1504	TANJUNG JABUNG	KUALA TUNGKAL	PC	742	5			
III	1505	BUNGO TEBO	MUARA BUNGO	PC	747	5			
III	1571	KODYA/IBUKOTA PROP.	JAMBI	SC	741	16			SBB
III	1601	OGAN KOMERING ULU	BELITANG	LE	735		6	200	
III	1601	OGAN KOMERING ULU	MUARA DUA	LE	735		6	200	
III	1602	OGAN KOMERING ILIR							
III	1603	LEMATANG ILIROGAN TENGAH							
III	1604	LAHAT	TEBING TINGGI	LE	731		6	400	
III	1605	MUSI RAWAS							
III	1606	MUSI BANYU ASIN	SEKAYU	PC	714	5			
III	1607	BANGKA	PANGKAL PINANG	PC	717	55			SBS
III	1607	BANGKA	MUNTOK	PC	716		6	200	
III	1607	BANGKA	TOBOALI	LE	718		6	200	
III	1607	BANGKA	KOBA	PC	718		3		TEL.FAC.
III	1608	BELITUNG	TANJUNG PANDAN	PC	719	5			
III	1608	BELITUNG	MANGGAR	LE	719				
III	1671	KODYA/IBUKOTA PROP.	PALEMBANG	TC	711	39			SBB
III	1701	BENGKULU SELATAN	BINTUHAN	LE	739	5			
III	1701	BENGKULU SELATAN	MANNA	PC	739	5			
III	1701	BENGKULU SELATAN	BENGKULU	PC	736	47			SBS
III	1701	BENGKULU SELATAN	P. BARHAU(ENGGAND)	PC	730		3		TEL.FAC.
III	1702	REJANG LEBONG	MUARA AMAN	PC	737		6	200	
III	1703	BENGKULU UTARA	ARGAMAKMUR	LE	732	5			
III	1703	BENGKULU UTARA							
III	1771	KODYA/IBUKOTA PROP.							
III	1801	LAMPUNG SELATAN	KALIANDA	LE	721		6	200	
III	1801	LAMPUNG SELATAN	WAY RATE	LE	721		3		TEL.FAC.
III	1801	LAMPUNG SELATAN	KOTA AGUNG	PC	728		6	200	
III	1801	LAMPUNG SELATAN	PRING SEWU	LE	722		6	400	
III	1802	LAMPUNG TENGAH	BANDAR JAYA	LE	725		6	200	
III	1802	LAMPUNG TENGAH	WAY JEPARA	LE	725		3		TEL.FAC.
III	1803	LAMPUNG UTARA	KRUI	PC	723	5			
III	1803	LAMPUNG UTARA	MENGGALA	PC	726		6	200	
III	1871	KODYA/IBUKOTA PROP.	TANJUNG KARANG	SC	721	24			SBS

Table A-4-2(4/10) Earth Stations in PELITA-IV (4/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		PELITA IV		NOTE
				STAGE	CODE	EXISTING LINE	EXCHANGE	
IV	3173		JAKARTA/GAMBIR	TC	21	157		SBB
V	3201	PANDEGLANG						
V	3202	LEBAK						
V	3203	BOGOR	TEST CIBINONG			139		
V	3203	BOGOR	CIBINONG					M.C ST.
V	3204	SUKABUMI	PELABUHAN RATU	LE	266		6	200
V	3205	CIANJUR						
V	3206	BANDUNG	GEGERKALONG	LE			4	
V	3207	GARUT	PAMENGPEUK	LE	262		6	200
V	3208	TASIKMALAYA						
V	3209	CIAMIS						
V	3210	KUNINGAN						
V	3211	CIREBON						
V	3212	MAJALENGKA						
V	3213	SUMEDANG						
V	3214	INDRAMAU						
V	3215	SUBANG						
V	3216	PURWAKARTA						
V	3217	KARAWANG						
V	3218	BEKASI						
V	3219	TANGGERANG						
V	3220	SERANG						
V	3273	KODYA/IBUKOTA PROP.	BANDUNG	SC	22		3	

Table A-4-2(5/10) Earth Stations in PELITA-IV (5/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		EXISTING	PELITA IV		NOTE
				STAGE	CODE		LINE	EXCHANGE	
VI	3301	CILACAP	CILACAP	PC	282	3		SBS	
VI	3302	BANYUMAS							
VI	3303	PURBALINGGA							
VI	3304	BANJARNEGARA							
VI	3305	KEBUMEN							
VI	3306	PURWOREJO							
VI	3307	WONOSOBO							
VI	3308	MAGELANG							
VI	3309	BOYOLALI							
VI	3310	KLATEN							
VI	3311	SUKOHARJO							
VI	3312	WONOGIRI							
VI	3313	KARANGANYAR							
VI	3314	SRAGEN							
VI	3315	GROBOGAN							
VI	3316	BLORA							
VI	3317	REMBANG							
VI	3318	PATI							
VI	3319	KUDUS							
VI	3320	JEPARA	KARIMUN JAWA	PC	297	3		TEL.FAC.	
VI	3321	DEMAK							
VI	3322	SEMARANG							
VI	3323	TEMANGGUNG							
VI	3324	KENDAL							
VI	3325	BATANG							
VI	3326	PAKALONGAN							
VI	3327	PEMALANG							
VI	3328	TEGAL							
VI	3329	BREBES							
VI	3374	KODYA/IBUKOTA PROP.	SEMARANG	SC	24	4		SBB	
VI	3401	KULON PROGO							
VI	3402	BANTUL							
VI	3403	GUNUNG KIDUL							
VI	3404	SLEMAN							
VI	3471	KODYA/IBUKOTA PROP.	JOGJAKARTA	SC	274	3		SBB	

Table A-4-2(6/10) Earth Stations in PELITA-IV (6/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		PELITA IV		NOTE
				STAGE	CODE	EXISTING	LINE EXCHANGE	
VII	3501	PACITAN	PACITAN	PC	357	12	600	
VII	3502	PONOROGO						
VII	3503	TRENGGALEK						
VII	3504	TULUNGAGUNG						
VII	3505	BLITAR						
VII	3506	KENDIRI						
VII	3507	MALANG						
VII	3508	LUMAJANG						
VII	3509	JEMBER						
VII	3510	BANYUWANGI						
VII	3511	BONDOWOSO						
VII	3512	SITUBONDO						
VII	3513	PROBOLINGGO						
VII	3514	PASURUAN						
VII	3515	SIDOARJO						
VII	3516	MOJOKERTO						
VII	3517	JOMBANG						
VII	3518	NGANJUK						
VII	3519	MADIUN						
VII	3520	MAGETAN						
VII	3521	NGAWI						
VII	3522	BOJONEGORO						
VII	3523	TUBAN						
VII	3524	LAMONGAN						
VII	3525	GRESIK	BAWEAN	PC	325	3		TEL. FAC.
VII	3526	BANGKALAN						
VII	3527	SAMPANG						
VII	3528	PAMEKASAN						
VII	3529	SUMENEP	PABEAN (KANGEAN)	PC	327	3		TEL. FAC.
VII	3578	KODYA/IBUKOTA PROP.	SURABAYA	TC	31	98		SBB

Table A-4-2(7/10) Earth Stations in PELITA-IV (7/10)

WITEL	KAB KODE	KABUPATEN	SITE	EXCHANGE		PELITA IV		NOTE
				STAGE	CODE	EXISTING LINE	EXCHANGE	
VIII 5101	JEMBRANA							
VIII 5102	TABANAN							
VIII 5103	BADUNG							
VIII 5104	GIANYAR							
VIII 5105	KLUNGKUNG							
VIII 5106	BANGLI	BANGLI		LE	363	6	400	
VIII 5107	KARANGASEM							
VIII 5108	BULELENG							
VIII	KOTA ADM.	DENPASAR		SC	361	6		SBB
VIII 5201	LOMBOK BARAT							
VIII 5202	LOMBOK TENGAH							
VIII 5203	LOMBOK TIMUR							
VIII 5204	SUMBAWA	ALAS		LE	372	6	400	
VIII 5205	DOMPU							
VIII 5206	BIMA							
VIII 5201	KOTA ADM./IBUKOTA PROP.	MATARAM		PC	364	4		SBS
VIII 5301	SUMBA BARAT	WAIKABUBUK		PC	387	5		
VIII 5302	SUMBA TIMUR							
VIII 5303	KUPANG	KUPANG		SC	391			SBS
VIII 5303	KUPANG	BAA		PC	395	6	200	
VIII 5303	KUPANG	SEBA		PC	396	3		TEL.FAC.
VIII 5304	TIMOR TENGAH SELATAN	SOE		PC	392	3		TEL.FAC.
VIII 5305	TIMOR TENGAH UTARA	KEFAMENANU		PC	393	6	200	
VIII 5306	BELU	ATAMBUA		PC	394	5		
VIII 5307	ALOR	KALABAHI		PC	397	5		
VIII 5308	FLORES TIMUR	LARANTUKA		PC	383	5		
VIII 5308	FLORES TIMUR	LEWOLEBA		LE		3		TEL.FAC.
VIII 5309	SIKKA	MAUMERE		PC	382	5		
VIII 5310	ENDE	ENDE		SC	381	3		
VIII 5311	NGADA	BAJAWA		PC	384	6	200	
VIII 5312	MANGGARAI	LABUHAN BAJO		LE		3		TEL.FAC.
VIII 5401	COVA LIMA	SUAI		LE		6	200	
VIII 5402	AINARO	AINARO		LE		6	200	
VIII 5403	MANUFAHI (SAME)	SAME		LE		6	200	
VIII 5404	VIQUE QUE	VIKEKE		LE		3		TEL.FAC.
VIII 5405	LAUTEM	LOS PALOS		LE		3		TEL.FAC.
VIII 5406	BAUCAU	BAUCAU		PC	399	3		TEL.FAC.
VIII 5407	MANATUTO	MANATUTO		LE		6	200	
VIII 5408	DILI	DILLI		PC		5		SBS
VIII 5409	AILEU	ATLIU		LE		6	200	
VIII 5410	LIKUJICA	LIQUICA		LE		6	200	
VIII 5411	ERMERA	ERMERA		LE		6	200	
VIII 5412	BOBONARO	MALIANA		LE		6	200	
VIII 5413	AMBENO	PANTEMAKASAR		LE		6	200	

Table A-4-2(8/10) Earth Stations in PELITA-IV (8/10)

WITEL	KAB CODE	KABUPATEN	SITE	EXCHANGE		PE		NOTE
				STAGE	EXISTING	LINE	EXCHANGE	
IX	6101	SAMBAS	SINGKAWANG	PC	562	5		
IX	6101	SAMBAS	SAMBAS	LE		5		
IX	6101	SAMBAS	BENGKAYANG	LE		6	200	
IX	6102	PONTIANAK	MEMPAUUAH	LE		5		
IX	6102	PONTIANAK	NGABANG	PC	563	6	200	
IX	6103	SANGGAU	SANGGAU	PC	564	5		
IX	6103	SANGGAU	BALAIKARANGAN	LE		3		TEL.FAC.
IX	6104	KETAPANG	KETAPANG	PC	534	5		
IX	6104	KETAPANG	KENDAWANGAN	LE		5		
IX	6105	SINTANG	SINTANG	PC	565	5		
IX	6105	SINTANG	NANGAPINOH	PC	568	6	200	
IX	6106	KAPUAS HULU	PUTU SIBAU	PC	567	5		
IX	6171	KODYA/IBUKOTA PROP.	PONTIANAK	SC	561			SBB
IX	6201	KOTA WARINGIN BARAT	PANGKALAN BUN	PC	532	5		
IX	6202	KOTA WARINGIN TIMUR	SAMPIT	SC	531	5		
IX	6202	KOTA WARINGIN TIMUR	KUALA PEMBUANG	LE		5		
IX	6202	KOTA WARINGIN TIMUR	KUALA KUAYAN	LE		5		
IX	6203	KATINGAN						
IX	6204	KAPUAS	KUALA KAPUAS	PC		33		SBS
IX	6205	BARITO SELATAN	BUNTOK	PC	515	5		
IX	6206	BARITO TIMUR	TEMIANG LAYANG	LE		6	200	
IX	6207	BARITO UTARA	MUARA TEWEH	PC		5		
IX	6208	GUNUNG MAS	KUALA KURUN	PC	537	5		
IX	6209	MURUNG RAYA						
IX	6271	KODYA/IBUKOTA PROP.	PALANGKA RAYA	PC	514	32		SBS
IX	6301	TANAH LAUT	PLEIHARI	PC	512	6	200	
IX	6302	KOTA BARU	KOTA BARU	PC	518	5		
IX	6303	BANJAR						
IX	6304	BARITO KUALA						
IX	6305	TAPIN						
IX	6306	HULU SEI SELATAN						
IX	6307	HULU SEI TENGAH						
IX	6308	HULU SEI UTARA						
IX	6309	TABALONG						
IX	6371	KODYA/IBUKOTA PROP.	BANJARMASIN	TC	51	40		SBB
IX	6401	PASIR						
IX	6402	KUTAI						
IX	6403	BERAU	TANJUNG REDEP	PC	554	5		
IX	6404	BULONGAN	TARAKAN	SC	551	27		SBS
IX	6404	BULONGAN	NUNUKAN	LE		5		
IX	6404	BULONGAN	TANJUNG SELOR	PC	552	5		
IX	6404	BULONGAN	MALINAU	PC	553	6	200	
IX	6472	KODYA/IBUKOTA PROP.	SAMARINDA	SC	541	35		SBB

Table A-4-2(9/10) Earth Stations in PELITA-IV (9/10)

WITEL	KAB CODE	KABUPATEN	SITE	EXCHANGE		PE		NOTE
				STAGE	CODE	EXISTING	LINE	
X	7101	GORONTALO						
X	7102	BOLAANG MANGONDOW	KOTA MOBAGU	PC	434	5		
X	7103	MINAHSA						
X	7104	SANGIHE TALAUD	TAHUNA	PC	432	5		
X	7172	KODYA/IBUKOTA PROP.	MANADO	SC	431	31		SBB
X		KOTAMADYA	GORONTALO	PC	435	3		
X	7201	LUWUK/BANGGAI	LUWUK	PC	458	5		
X	7201	LUWUK/BANGGAI	BANGGAI	LE		3		TEL. FAC.
X	7202	POSO	POSO	PC	452	5		
X	7202	POSO	AMPANA	PC	454	3		TEL. FAC.
X	7203	DONGGALA	PALU	SC	451	45		SBS
X	7203	DONGGALA	PARIGI	LE		6	200	
X	7204	BUOL TOLI-TOLI	TOLI-TOLI	PC	453	5		
X	7204	BUOL TOLI-TOLI	SIDRAP	LE		12	600	
X	7301	SELAYAR						
X	7302	BULUKUMBA						
X	7303	BANTAENG						
X	7304	JENEPONTO	JENEPONTO	LE		6	200	
X	7305	TAKALAR	TAKALAR	LE		6	200	
X	7306	GOWA						
X	7307	SINJAI	SINJAI	LE		5		
X	7308	BONE	WATAMPUNE	PC	412	5		
X	7309	MAROS						
X	7310	PANGKAJENE KEPULAUAN						
X	7311	BARRU						
X	7312	SOPPENG						
X	7313	WAJO						
X	7314	SIDDENRENG RAPPANG						
X	7315	PINRANG						
X	7316	ENREKANG	ENREKANG	LE		5		
X	7317	LUWU	SOROAKO	LE		5		SBS
X	7317	LUWU	PALOPO	PC	424	5		
X	7318	TANA TORAJA	RANTEPAO	PC	423	5		
X	7319	POLEWALI MAMASA						
X	7320	MAJENE						
X	7321	MAMUJU	MAMUJU	PC	426	6	200	
X	7371	KODYA/IBUKOTA PROP.	UJUNG PANDANG	TC	411	58		SBB
X	7401	BUTON	BAU BAU	PC	402	5		
X	7402	MUNA	RAHA	PC	403	5		
X	7403	KENDARI	KENDARI	SC	401	34		SBS
X	7404	KOLAKA	KOLAKA	PC	405	5		

Table A-4-2(10/10) Earth Stations in PELITA-IV (10/10)

WITEL	KAB CODE	KABUPATEN	SITE	EXCHANGE		PE		NOTE
				STAGE CODE	EXISTING	LINE	EXCHANGE	
XI	8101	MALUKU TENGGARA	TUAL	PC 916	3			
XI	8101	MALUKU TENGGARA	SAUMLAKI	PC 918	5			
XI	8101	MALUKU TENGGARA	LARAT	LE		3		TEL.FAC.
XI	8101	MALUKU TENGGARA	DOBO	PC 917		6	200	
XI	8102	MALUKU TENGAH	NAMLEA	PC 913	5			
XI	8102	MALUKU TENGAH	MASOHI	PC 914	5			
XI	8102	MALUKU TENGAH	WAHAI	LE		3		TEL.FAC.
XI	8102	MALUKU TENGAH	BANDANEIRA	PC 910		3		TEL.FAC.
XI	8103	HALMAHERA TENGAH	SOA SIU	LE		5		
XI	8103	HALMAHERA TENGAH	SANANA	PC 929	5			
XI	8104	MALUKU UTARA	TERNATE	SC 921	31			SBS
XI	8104	MALUKU UTARA	TOBELO	PC 924	5			
XI	8104	MALUKU UTARA	MOROTAI	LE		3		TEL.FAC.
XI	8104	MALUKU UTARA	LABUHA	PC 927		6	200	
XI	8171	KODYA/IBUKOTA PROP.	AMBON	TC 911	27			SBB
XII	8201	MERAUKE	MERAUKE	SC 971	30			SBS
XII	8201	MERAUKE	TANAH MERAH	PC 975	5			
XII	8202	JAYA WIJAYA	WAMENA	PC 969	3			
XII	8203	JAYAPURA	JAYAPURA	SC 967	27			SBB
XII	8203	JAYAPURA	SARMI	PC 966	5			
XII	8204	PANIAI	NABIRE	PC 964	21			
XII	8204	PANIAI	ENAROTALI	LE		3		TEL.FAC.
XII	8205	FAK-FAK	FAK-FAK	PC 956	31			SBS
XII	8205	FAK-FAK	TEMBAGAPURA	LE		4		SBS
XII	8205	FAK-FAK	KAIMANA	PC 957	5			
XII	8206	SORONG	SORONG	SC 951	32			SBS
XII	8206	SORONG	TEMINABUAN	LE		5		
XII	8207	MANUKWARI	MANUKWARI	PC 962	30			SBS
XII	8207	MANUKWARI	RANSIKI	LE		3		TEL.FAC.
XII	8208	YAPEN WAROPEN	SERUI	PC 963	5			
XII	8209	TELUK CENDRAWASIH	BIAK	PC 961	31			SBS
XII	8209	TELUK CENDRAWASIH	MAFURUJAYA	LE		3		TEL.FAC.

付録5 9ヶ国の電気通信事業運営指標

付録5 9ヶ国の電気通信事業運営指標

表A-5-1 9ヶ国の電気通信事業運営の推移

出典：ITU「Yearbook of Common Carrier Telecommunication
Statistics 1986」

1. 本電話機数
2. 人口
3. 電話普及率：100人当たり本電話機数
4. 電気通信投資額/GDP
5. 国民1人当たりGDP：米ドル（1984年実値価格，以下同様）
6. 電話積滞率：電話積滞数/本電話機数
7. 電話供給率：本電話機数の年増加率
8. 電話積滞解消率：本電話機増加数/前年積滞数
9. テレックス端末機数/本電話機数
10. データ通信端末機数/本電話機数
11. 本電話機1台当たり電気通信投資額（米ドル）
 - 土地・建物を含む総投資額
 - 土地・建物を含まない投資額
12. 本電話機1台当たり職員数
 - 総職員数に占める技術職員数の割合
 - 総職員数に占める運用職員数の割合
13. オペレーティング・レンオ：經常収入に占める運用・保守費の割合
 - オペレーティング・レンオ：經常収入に占める經常支出の割合
14. 本電話機1台当たり經常収入（米ドル）
15. 職員1人当たり經常収入（米ドル）
16. 電話設置料：本電話機1台当たり全国平均（米ドル）
17. 月額基本料：本電話機1台当たり全国平均（米ドル）

表A-5-2 PERUMTELの財務諸表

Table A-5-1(1/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (1/9)

NO	DESCRIPTION	UNIT	U.S.A.				
			1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	94282	94429	94906	95691	96509
2	Population	10 ³	228830	230508	231990	234249	236600
3	Telephone main lines / 100 inhabitants		41.20	40.97	40.91	40.85	40.79
4	Telecommunications investments / GDP	%	0.81	0.71	0.65	0.50	0.51
5	GDP / capita (real US\$ in 1984)	US\$	13353	14472	13982	14712	15475
6	Tele. waiting applicants / sub.	%	0.07	0.06	0.05	0.04	0.04
7	Delta tele.sub. / Total tele.sub.(t-1)	%		0.16	0.50	0.83	0.86
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%		226.15	836.58	1601.78	1996
9	Telex sub. / Tele.sub.	%	0.17	0.18	0.19	0.18	0.16
10	Data comm.sub. / Tele.sub.	%					
11	Investment/Sub.(including land & building,US\$)	10 ³	264	251	221	181	195
	Investment/Sub.(excluding land & building,US\$)	10 ³	252	237	219	168	183
12	Total staffs / 1000 sub.		10.15	10.20	10.22	10.21	10.19
	Technical share						
	Operating share						
13	Operating ratio (Operating Expenditure)		0.51	0.52	0.55	0.52	0.57
	Operating ratio (Total Expenditure)		0.87	0.89	0.91	0.91	0.89
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	760	790	818	831	864
15	Total revenue / Staff (Real US\$ in 1984)	US\$	74897	77411	80028	81353	84798
16	Installation tariff (Real US\$ in 1984)	US\$		0	0	0	0
	Monthly rentals tariff (Real US\$ in 1984)	US\$	27	28	30	30	23

Table A-5-1(2/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (2/9)

NO	DESCRIPTION	UNIT	Japan				
			1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	38611	39934	41190	42249	43811
2	Population	10 ³	116541	117415	117009	117777	119483
3	Telephone main lines / 100 inhabitants		33.13	34.01	35.20	36.02	36.67
4	Telecommunications investments / GDP	%	0.81	0.72	0.75	0.70	0.64
5	GDP / capita (real US\$ in 1984)	US\$	8851	9366	9096	9431	9783
6	Tele. waiting applicants / sub.	%	0.30	0.25	0.21	0.26	0.24
7	Delta tele.sub. / Total tele.sub.(t-1)	%		3.43	3.15	2.57	3.70
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%		1140.52	1268.69	1245.88	1420
9	Telex sub. / Tele.sub.	%	0.18	0.17	0.15	0.13	0.12
10	Data comm.sub. / Tele.sub.	%	0.11	0.13	0.14		
11	Investment/Sub.(including land & building, US\$)	10 ³	217	199	193	185	170
	Investment/Sub.(excluding land & building, US\$)	10 ³	188	172	166	159	149
12	Total staffs / 1000 sub.		8.68	8.34	8.09	7.81	7.40
	Technical share						
	Operating share						
13	Operating ratio (Operating Expenditure)		0.21	0.22	0.22	0.22	
	Operating ratio (Total Expenditure)		0.88	0.90	0.91	0.92	0.91
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	511	475	468	467	461
15	Total revenue / Staff (Real US\$ in 1984)	US\$	58892	57020	57781	59828	62313
16	Installation tariff (Real US\$ in 1984)	US\$		457	441	513	0
	Monthly rentals tariff (Real US\$ in 1984)	US\$	10	10	10	9	0

Table A-5-1(3/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (3/9)

NO	DESCRIPTION	UNIT	France				
			1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	15898	17743	19478	20942	22086
2	Population	10 ³	53843	54098	54335	54755	54979
3	Telephone main lines / 100 inhabitants	%	29.53	32.80	35.85	38.25	40.17
4	Telecommunications investments / GDP	%	0.85	0.73	0.69	0.67	0.71
5	GDP / capita (real US\$ in 1984)	US\$	7999	7888	8057	8041	8104
6	Tele. waiting applicants / sub.	%	3.46	2.58	1.17	0.50	0.26
7	Delta tele.sub. / Total tele.sub.(t-1)	%		11.61	9.78	7.52	5.46
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%		335.45	378.82	644.93	1100
9	Telex sub. / Tele.sub.	%	0.52	0.50	0.50	0.50	0.52
10	Data comm.sub. / Tele.sub.	%	0.15	0.16	0.19		
11	Investment/Sub.(including land & building,US\$) 10 ³	10 ³	231	177	156	141	143
	Investment/Sub.(excluding land & building,US\$) 10 ³	10 ³	216	167	148	137	139
12	Total staffs / 1000 sub.		10.13	9.07	8.47	7.97	7.57
	Technical share		0.45	0.45	0.44	0.44	0.44
	Operating share		0.39	0.39	0.39	0.39	0.39
13	Operating ratio (Operating Expenditure)		0.48	0.51	0.51	0.51	0.48
	Operating ratio (Total Expenditure)		0.82	0.96	0.96	1.01	0.92
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	455	395	367	359	376
15	Total revenue / Staff (Real US\$ in 1984)	US\$	44930	43498	43363	44995	49745
16	Installation tariff (Real US\$ in 1984)	US\$		91	82	85	78
	Monthly rentals tariff (Real US\$ in 1984)	US\$	6	5	5	5	4

Table A-5-1(4/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (4/9)

		Singapore					
NO	DESCRIPTION	UNIT	1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	523	575	630	680	743
2	Population	10 ³	2414	2443	2488	2516	2544
3	Telephone main lines / 100 inhabitants		21.68	23.55	25.34	27.02	29.20
4	Telecommunications investments / GDP	%	0.95	0.83	0.82	0.89	0.95
5	GDP / capita (real US\$ in 1984)	US\$	4931	5326	5603	6010	7260
6	Tele. waiting applicants / sub.	%	0.76	0.52	0.22	0.11	0.02
7	Delta tele.sub. / Total tele.sub.(t-1)	%		9.95	9.54	7.85	9.29
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%		1302.00	1847.71	3509.72	8823
9	Telex sub. / Tele.sub.	%	1.52	1.74	1.94	2.11	2.15
10	Data comm.sub. / Tele.sub.	%	0.01	0.02	0.02	0.12	2.16
11	Investment/Sub.(including land & building,US\$) 10 ³		216	188	182	199	206
	Investment/Sub.(excluding land & building,US\$) 10 ³		198	173	178	175	183
12	Total staffs / 1000 sub.		19.65	18.31	20.00	19.18	17.31
	Technical share		0.56	0.55	0.49	0.50	0.47
	Operating share		0.20	0.22	0.30	0.30	0.30
13	Operating ratio (Operating Expenditure)		0.33	0.34	0.31	0.38	0.42
	Operating ratio (Total Expenditure)		0.62	0.61	0.57	0.63	0.74
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	463	473	500	554	522
15	Total revenue / Staff (Real US\$ in 1984)	US\$	23560	25833	24996	28885	30182
16	Installation tariff (Real US\$ in 1984)	US\$		82	81	109	107
	Monthly rentals tariff (Real US\$ in 1984)	US\$	10	9	9	9	9

Table A-5-1(5/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (5/9)

		Malaysia					
NO	DESCRIPTION	UNIT	1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	396	489	585	700	849
2	Population	10 ³	13436	13436	13704	14700	15300
3	Telephone main lines / 100 inhabitants		2.95	3.64	4.27	4.76	5.55
4	Telecommunications investments / GDP	%	5.04	1.25	1.24	1.54	1.07
5	GDP / capita (real US\$ in 1984)	US\$	1980	1948	1964	1967	2062
6	Tele. waiting applicants / sub.	%	33.59	30.68	32.42	28.54	22.44
7	Delta tele.sub. / Total tele.sub.(t-1)	%		23.40	19.79	19.59	21.29
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%		69.68	64.51	60.43	74.58
9	Telex sub. / Tele.sub.	%	0.93	0.84	1.00	1.14	1.15
10	Data comm.sub. / Tele.sub.	%					0.04
11	Investment/Sub.(including land & building,US\$)	10 ³	3386	669	569	635	399
	Investment/Sub.(excluding land & building,US\$)	10 ³	3107	598	503	67	307
12	Total staffs / 1000 sub.		56.06	55.19	50.92	43.30	35.62
	Technical share		0.50	0.70	0.68	0.32	0.53
	Operating share		0.18	0.16	0.16	0.68	
13	Operating ratio (Operating Expenditure)		0.34	0.37	0.00	0.33	0.33
	Operating ratio (Total Expenditure)		0.62	0.63	0.71	0.83	0.77
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	663	608	606	588	598
15	Total revenue / Staff (Real US\$ in 1984)	US\$	11830	11011	11903	13581	16798
16	Installation tariff (Real US\$ in 1984)	US\$		23	133	42	129
	Monthly rentals tariff (Real US\$ in 1984)	US\$	10	11	11	11	10

Table A-5-1(6/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (6/9)

NO	DESCRIPTION	UNIT	Thailand				
			1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	366	382	434	463	519
2	Population	10 ³	46460	47875	48847	49515	50583
3	Telephone main lines / 100 inhabitants	%	0.79	0.80	0.89	0.94	1.03
4	Telecommunications investments / GDP	%	0.11	0.11	0.11	0.10	0.09
5	GDP / capita (real US\$ in 1984)	US\$	724	697	767	801	830
6	Tele. waiting applicants / sub.	%	72.13	88.20	89.06	94.43	66.97
7	Delta tele.sub. / Total tele.sub.(t-1)	%	4.44	4.44	13.62	6.66	12.15
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%	6.15	6.15	15.45	7.47	12.86
9	Telex sub. / Tele.sub.	%	0.55	0.66	0.71	667.27	0.93
10	Data comm.sub. / Tele.sub.	%				0.01	0.01
11	Investment/Sub.(including land & building,US\$) 10 ³			96	98	85	76
	Investment/Sub.(excluding land & building,US\$) 10 ³			94	89	83	72
12	Total staffs / 1000 sub.		35.45	36.96	35.19	35.72	36.10
	Technical share				0.37	0.30	0.39
	Operating share				0.34	0.38	0.44
13	Operating ratio (Operating Expenditure)		0.00	0.27	0.28	0.28	0.26
	Operating ratio (Total Expenditure)		0.34	0.53	0.62	0.59	0.55
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	543	517	523	582	594
15	Total revenue / Staff (Real US\$ in 1984)	US\$	15314	13987	14853	16288	16453
16	Installation tariff (Real US\$ in 1984)	US\$		194	256	468	279
	Monthly rentals tariff (Real US\$ in 1984)	US\$	0	2	17	17	17

Table A-5-1(7/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (7/9)

		Philippines					
NO	DESCRIPTION	UNIT	1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	420	443	481	438	481
2	Population	10 ³	48054	49107	50288	51470	53352
3	Telephone main lines / 100 inhabitants		0.87	0.90	0.96	0.85	0.90
4	Telecommunications investments / GDP	%	2.79	3.77	4.21	6.27	7.42
5	GDP / capita (real US\$ in 1984)	US\$	485	493	480	522	409
6	Tele. waiting applicants / sub.	%	36.74	44.76	27.46	45.58	38.85
7	Delta tele.sub. / Total tele.sub.(t-1)	%	5.44	5.44	8.56	-8.99	9.91
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%	14.80	14.80	19.12	-32.75	21.74
9	Telex sub. / Tele.sub.	%	1.53	1.57	1.80	2.40	2.67
10	Data comm.sub. / Tele.sub.	%			0.06	1.30	0.54
11	Investment/Sub.(including land & building,US\$)	10 ³	1548	2062	2115	3854	3364
	Investment/Sub.(excluding land & building,US\$)	10 ³	1460	1913	1969	3705	3180
12	Total staffs / 1000 sub.		64.81	64.46	61.07	64.13	54.17
	Technical share				0.43	0.15	
	Operating share				0.37	0.72	
13	Operating ratio (Operating Expenditure)		0.52	0.90	0.41	0.38	0.41
	Operating ratio (Total Expenditure)		1.04	1.21	0.89	0.51	0.94
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	353	395	381	1047	616
15	Total revenue / Staff (Real US\$ in 1984)	US\$	5440	6122	6243	16320	11364
16	Installation tariff (Real US\$ in 1984)	US\$		206	143	-4435	99
	Monthly rentals tariff (Real US\$ in 1984)	US\$	10	9	9	13	14

Table A-5-1(8/9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (8/9)

		Indonesia						
NO	DESCRIPTION	UNIT	1980	1981	1982	1983	1984	
1	Telephone main lines	10 ³	376	427	475	503	536	
2	Population	10 ³	147383	150421	153000	158083	161580	
3	Telephone main lines / 100 inhabitants		0.25	0.28	0.31	0.32	0.33	
4	Telecommunications investments / GDP	%	0.15	0.22	0.20	0.10	0.14	
5	GDP / capita (real US\$ in 1984)	US\$	406	451	456	463	483	
6	Tele. waiting applicants / sub.	%	12.80	15.57	29.02	43.93	57.30	
7	Delta tele.sub. / Total tele.sub.(t-1)	%		13.64	11.33	5.85	6.53	
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%		106.57	72.78	20.14	14.86	
9	Telex sub. / Tele.sub.	%	1.26	1.44	1.70	1.76	2.40	
10	Data comm.sub. / Tele.sub.	%	0.03	0.03	0.03	0.03	0.04	
11	Investment/Sub.(including land & building,US\$) 10 ³		244	19	379	178	126	
	Investment/Sub.(excluding land & building,US\$) 10 ³		219	19	331	167	118	
12	Total staffs / 1000 sub.		71.15	62.99	55.74	56.23	53.72	
	Technical share		0.42	0.42	0.43	0.43	0.44	
	Operating share		0.25	0.25	0.23	0.22	0.22	
13	Operating ratio (Operating Expenditure)		0.41	0.49	0.46	0.53	0.55	
	Operating ratio (Total Expenditure)		0.82	0.86	0.85	0.87	0.83	
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	775	751	826	873	839	
15	Total revenue / Staff (Real US\$ in 1984)	US\$	10896	11917	14823	15531	15615	
16	Installation tariff (Real US\$ in 1984)	US\$		2865	668	1112	953	
	Monthly rentals tariff (Real US\$ in 1984)	US\$	0	0	0	0	0	

Table A-5-1(9) Managerial Indexes in the Telecommunications Sector in the Nine Countries (9/9)

NO	DESCRIPTION	India					
		UNIT	1980	1981	1982	1983	1984
1	Telephone main lines	10 ³	2089	2188	2296	2466	2668
2	Population	10 ³	674000	683810	700258	716650	732698
3	Telephone main lines / 100 inhabitants		0.31	0.32	0.33	0.34	0.36
4	Telecommunications investments / GDP	%	0.28	0.23	0.35	0.37	0.37
5	GDP / capita (real US\$ in 1984)	US\$	188	205	226	219	220
6	Tele. waiting applicants / sub.	%	18.54	24.39	25.87	26.68	27.64
7	Delta tele.sub. / Total tele.sub.(t-1)	%	4.75	4.91	4.91	7.44	8.19
8	Delta tele.sub. / Tele.waiting applicants(t-1)	%	25.61	20.11	20.11	28.77	30.68
9	Telex sub. / Tele.sub.	%			0.89	0.87	0.85
10	Data comm.sub. / Tele.sub.	%					
11	Investment/Sub.(including land & building,US\$) 10 ³	10 ³	169	154	240	233	224
	Investment/Sub.(excluding land & building,US\$) 10 ³	10 ³	153	130	213	206	199
12	Total staffs / 1000 sub.		99.63	106.55	112.47	114.83	111.86
	Technical share						
	Operating share						
13	Operating ratio (Operating Expenditure)		0.48	0.52	0.53	0.52	0.53
	Operating ratio (Total Expenditure)		0.70	0.74	0.69	0.69	0.71
14	Total revenue / Sub.(Real US\$ in 1984)	US\$	383	375	407	422	380
15	Total revenue / Staff (Real US\$ in 1984)	US\$	3841	3524	3622	3671	3395
16	Installation tariff (Real US\$ in 1984)	US\$		0	0	0	0
	Monthly rentals tariff (Real US\$ in 1984)	US\$	0	0	0	0	0

表A-5-2 (1/3) PERUMTELの財務諸表

PERUMTEL Income Statements, 1980-1985
(Current Rp. Billions)

Fiscal Year Ending December 31

	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985 /a</u>
<u>Operating Revenue</u>						
Telephone	157.9	203.5	285.8	359.8	379.2	469.7
Telex	19.0	24.5	20.2	26.7	34.8	44.7
Telegraph	5.5	6.1	5.2	6.0	6.8	31.0
Others	11.6	14.4	13.2	16.8	26.1	
<u>Total Revenue</u>	194.0	248.1	324.5	409.3	447.0	545.4
<u>Operating Expenses</u>						
Personnel	36.8	53.5	70.9	78.5	105.5	137.5
Material and transport	23.2	31.0	40.2	54.3	74.2	
Repair and maintenance	24.0	40.4	43.1	91.4	89.7	315.6
Depreciation	44.1	72.6	104.7	108.5	114.4	
Others	1.9	1.9	4.8	3.8	2.2	
<u>Total Expenses</u>	130.0	199.4	263.7	336.5	388.1	453.1
Operating Income	64.0	49.1	60.8	72.8	58.9	92.3
Non-operating income (loss)	-26.4	-12.5	-9.2	-19.0	23.8	40.3
Interest	30.6	12.1	32.6	28.4	29.1	23.0
Pre-tax Income	37.7	36.5	51.6	53.8	82.6	132.5
Income Tax /b	16.9	16.4	23.1	24.1	3.0	-
Net Income	20.8	20.2	28.4	29.6	19.6	-
Operating Ratio (%) /c	67	80	81	82	87	83

/a Preliminary results.

/b Accelerated depreciation used for tax purposes starting 1984.

/c Defined as the ratio of Total Expenses and Total Revenue.

表A-5-2 (2/3) PERUMTELの財務諸表

PERUMTEL Balance Sheets
(Current Rp. Billions)

Fiscal Year Ending December 31

	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
<u>Assets</u>					
Current Assets	221.2	332.2	433.9	494.7	682.3
Fixed Assets	484.0	440.2	609.1	586.1	613.9
Deferred Charges	144.0	145.3	132.7	105.6	73.2
Other Assets	75.1	124.4	15.6	5.7	7.4
Total Assets	925.2	1042.4	1191.3	1192.1	1376.8
<u>Liabilities</u>					
Current Liabilities	65.8	112.7	218.5	232.8	285.5
Other Liabilities	45.2	61.6	127.9	129.6	54.5
Long Term Debt	477.3	517.0	476.8	444.6	471.4
Capital and Reserve	336.8	351.1	368.2	385.2	565.3
Total Liabilities	925.1	1042.4	1191.4	1192.2	1376.7
Current Ratio (times)	3.36	2.95	5.04	2.13	2.39
Debt/equity (%)	59	60	56	54	40

表A-5-2 (3/3) PERUMTELの財務諸表

PERUMTEL Source and Application Statements
(Current Rp. Billions)

	<u>1984</u>	<u>1983</u>
<u>Sources</u>		
Depreciation	94.5	83.5
Deffered Charge	29.7	27.0
Capital & Reserve	164.9	17.0
Long-term Debts	50.3	-
Other Liability	-	1.7
Assets	0.2	12.5
Total Sources	339.6	141.7
<u>Applications</u>		
Fixed Assets	112.5	60.5
Other Assets	93.5	-
Long-term Investment	1.4	2.6
Repayment of Long-term Debts	-	32.2
Total Application	207.4	95.3
Charge in Working Capital	132.2	46.4

付録 6 電気通信加入者需要

付録 6 電気通信加入者需要

表 A-6-1 通信局別電話需要 (WITEL モデル)

シナリオ 1 とシナリオ 3 に基づく通信局別電話需要予測結果。略称は次のとおりである。

POP (t-1)	: 前年の人口
CAPACITY (t-1)	: 前年の端子数
MAIN LINE (t-1)	: 前年の加入数
FEE	: 通信局別平均設置料 (1000 ルピア)
TEL. DENSITY (t-1)	: 前年度の電話普及率 (人口 100 人当たり)
REAL FEE	: 1975 年価格による設置料 (1000 ルピア)
DEMAND	: 当該年度の需要数
WAITERS	: 当該年度までの累積積滞数
ACCUMULATED DEMAND	: 当該年度までの累積需要数 DEMAND に MAIN LINE (t-1) を加えた数

表 A-6-2 テレックスとデータ通信加入需要 (全国)

Plan-1 と Plan-2 に基づくインドネシア全国の加入需要の予測結果を示す。

表 A-6-1 (1/2) 通信局別電話需要 (Plan-1)

WITEL YEAR	GRDP 5% (NIL, Ro)	POPULATION B.P.S	POP(t-1)	CAPACITY SHARE	CAPACITY t-1	MAIN LINE t-1	CAPACITY t-1	MAIN LINE t-1	FEE	GOP DEFLAT AT 1975	TEL. DENS ITT t-1	REAL FEE	DENARD(t) HAWA-110S	WAITERS	ACCUMULATED DEMAND
I 1989	1,906	13,836,009	13,510,539	0.090	112,973	112,973	92,669	92,669	125	396	0.69	32	61,961	41,657	154,650
II	757	6,771,133	6,628,764	0.029	36,511	36,511	27,456	27,456	75	410	0.41	18	19,455	10,400	46,911
III	1,748	16,627,586	15,933,940	0.050	62,336	62,336	59,328	59,328	90	318	0.37	28	38,091	35,083	97,419
IV	2,401	9,032,320	8,696,414	0.325	408,178	408,178	389,378	389,378	200	350	4.48	57	273,283	254,483	682,681
V	3,754	33,507,676	32,745,111	0.110	133,206	133,206	118,918	118,918	90	313	0.36	29	127,284	112,996	246,202
VI	2,747	31,603,018	31,181,478	0.089	111,311	111,311	92,511	92,511	90	345	0.30	26	87,267	68,467	179,778
VII	3,938	32,916,788	32,458,918	0.150	189,002	189,002	137,618	137,618	125	325	0.42	39	110,827	60,443	248,445
VIII	792	10,154,787	9,950,884	0.041	51,968	51,968	43,696	43,696	50	296	0.44	17	33,095	24,823	76,791
IX	1,301	8,781,573	8,519,413	0.046	58,145	58,145	38,217	38,217	90	367	0.45	25	25,655	5,727	63,872
X	1,384	12,740,406	12,451,772	0.055	69,098	69,098	50,298	50,298	75	320	0.40	23	35,232	16,432	85,530
XI	228	1,844,941	1,788,559	0.068	10,185	10,185	7,177	7,177	90	298	0.40	30	1,985	-1,025	9,162
XII	438	1,536,920	1,491,334	0.007	9,047	9,047	6,039	6,039	75	365	0.40	21	3,560	552	9,599
TOTAL	21,373	179,352,557	175,357,126	1.000	1,250,959	1,250,959	1,063,304	1,063,304			0.61		817,695	630,040	1,880,999
I 1994	2,209	15,514,059	15,166,329	0.096	194,573	194,573	178,253	178,253	125	396	1.18	32	131,281	114,961	309,534
II	854	7,487,387	7,339,999	0.021	54,361	54,361	50,791	50,791	75	410	0.69	18	36,223	34,653	89,014
III	2,027	20,266,312	19,492,840	0.053	107,386	107,386	98,376	98,376	90	318	0.50	28	71,695	62,685	170,070
IV	2,783	10,668,398	10,350,920	0.346	702,278	702,278	643,458	643,458	200	350	6.23	57	456,559	397,739	1,100,017
V	4,351	36,958,098	36,271,687	0.117	232,656	232,656	212,766	212,766	90	313	0.59	29	221,816	201,926	434,582
VI	3,185	33,479,036	33,110,672	0.095	192,061	192,061	175,911	175,911	90	345	0.53	26	164,848	148,698	340,759
VII	4,565	34,971,880	34,566,905	0.160	324,002	324,002	296,802	296,802	125	325	0.86	39	252,136	224,936	546,938
VIII	919	11,148,375	10,946,534	0.029	76,618	76,618	71,688	71,688	50	296	0.65	17	55,975	51,045	127,663
IX	1,509	10,131,556	9,849,315	0.033	86,195	86,195	80,585	80,585	90	367	0.82	25	60,067	54,457	140,652
X	1,604	14,178,093	13,882,797	0.039	102,248	102,248	95,618	95,618	75	320	0.69	23	72,806	66,176	168,424
XI	264	2,117,911	2,062,036	0.006	15,285	15,285	14,265	14,265	90	298	0.69	30	7,085	6,065	21,350
XII	508	1,776,808	1,726,483	0.005	13,297	13,297	12,447	12,447	75	365	0.72	21	8,537	7,687	20,984
TOTAL	24,777	198,697,823	194,746,517	1.000	2,100,959	2,100,959	1,930,959	1,930,959			0.99		1,541,028	1,371,028	3,471,987
I 1999	2,561	17,185,216	16,846,400	0.096	300,173	300,173	279,053	279,053	125	396	1.66	32	212,805	191,695	491,858
II	990	8,262,222	8,101,085	0.021	77,461	77,461	72,841	72,841	75	410	0.90	18	56,190	51,570	129,031
III	2,349	24,520,386	23,605,857	0.053	165,686	165,686	154,026	154,026	90	318	0.65	28	121,032	109,372	275,058
IV	3,227	12,418,095	12,051,916	0.346	1,082,878	1,082,878	1,006,758	1,006,758	200	350	8.35	57	712,324	636,204	1,719,082
V	5,044	40,266,721	39,597,938	0.117	361,356	361,356	335,616	335,616	90	313	0.85	29	344,625	318,885	680,740
VI	3,692	35,194,270	34,853,560	0.095	296,561	296,561	275,661	275,661	90	345	0.79	26	257,763	236,863	533,424
VII	5,292	36,771,243	36,418,798	0.160	500,002	500,002	464,802	464,802	125	325	1.28	39	403,397	368,197	868,700
VIII	1,065	12,174,874	11,984,139	0.029	108,518	108,518	102,138	102,138	50	296	0.85	17	81,106	74,726	183,244
IX	1,749	11,628,296	11,313,151	0.033	122,495	122,495	115,235	115,235	90	367	1.02	25	88,996	81,738	204,232
X	1,660	15,700,432	15,385,134	0.039	145,148	145,148	136,568	136,568	75	320	0.89	23	107,774	99,194	244,342
XI	306	2,399,054	2,341,045	0.006	21,885	21,885	20,565	20,565	90	298	0.88	30	11,544	10,224	32,109
XII	508	2,035,590	1,981,744	0.005	18,797	18,797	17,697	17,697	75	365	0.89	21	12,596	11,496	30,293
TOTAL	28,724	218,556,399	214,468,767	1.000	3,200,959	3,200,959	2,980,959	2,980,959			1.59		2,440,154	2,190,154	5,391,112
I 2004	2,969	18,980,844	18,606,964	0.096	424,973	424,973	400,013	400,013	125	396	2.15	32	311,323	286,363	711,336
II	1,148	9,134,852	8,951,406	0.021	104,761	104,761	99,301	99,301	75	410	1.11	18	77,921	72,461	177,222
III	2,724	30,180,143	28,923,534	0.053	234,586	234,586	220,886	220,886	90	318	0.76	28	183,790	170,010	404,595
IV	3,741	14,784,709	14,260,115	0.346	1,532,678	1,532,678	1,442,718	1,442,718	200	350	10.12	57	1,021,344	931,384	2,464,062
V	5,848	44,676,622	43,713,466	0.117	513,456	513,456	483,036	483,036	90	313	1.11	29	498,814	468,394	981,850
VI	4,280	37,396,031	36,922,605	0.095	420,061	420,061	395,361	395,361	90	345	1.07	26	371,374	346,674	766,735
VII	6,135	39,156,144	38,638,717	0.160	708,002	708,002	666,402	666,402	125	325	1.72	39	588,286	546,686	1,254,688
VIII	1,235	13,486,529	13,144,503	0.029	146,218	146,218	138,678	138,678	50	296	1.06	17	111,735	104,195	250,413
IX	2,028	13,514,497	13,104,272	0.033	165,395	165,395	156,815	156,815	90	367	1.20	25	124,782	116,202	281,597
X	2,156	17,553,086	17,156,229	0.039	195,848	195,848	185,708	185,708	75	320	1.08	23	150,755	140,615	336,464
XI	355	2,768,248	2,687,332	0.006	29,685	29,685	28,125	28,125	90	298	1.05	30	16,989	15,429	45,114
XII	682	2,355,791	2,286,577	0.005	25,297	25,297	23,997	23,997	75	365	1.05	21	17,570	16,270	41,567
TOTAL	33,299	243,907,496	238,395,720	1.000	4,500,959	4,500,959	4,240,959	4,240,959			1.78		3,474,683	3,214,683	7,715,642

表A-6-1 (2/2) 通信局別電話需要 (Plan-2)

WITEL YEAR	GRDP SX (MIL. Rp)	POPULATION B.P.S	POP(I-1)	CAPACITY SHARE	CAPACITY	MAIN LINE	CAPACITY I-1	MAIN LINE I-1	FEE	GDP DEFLAT AT 1975	TEL. DENS ITY I-1	REAL FEE	DEMAND(I) NAWA-1005	WAITERS	ACCUMULATED DEMAND	
I	1989	2,098	13,836,009	13,510,539	0.090	131,001	131,001	107,457	107,457	125	396	0.80	32	75,729	52,185	183,185
II		811	6,771,133	6,628,764	0.029	42,337	42,337	36,918	36,918	75	410	0.56	18	27,303	21,889	64,226
III		1,925	16,627,586	15,933,940	0.050	72,283	72,283	68,795	68,795	90	318	0.43	28	48,100	44,612	116,895
IV		2,643	9,032,320	8,696,414	0.325	473,313	473,313	451,513	451,513	200	350	5.19	57	320,671	298,871	772,184
V		4,132	33,507,676	32,745,111	0.110	154,462	154,462	137,894	137,894	90	313	0.42	29	152,556	135,988	290,449
VI		3,024	31,603,018	31,181,478	0.089	129,073	129,073	107,273	107,273	90	345	0.34	26	105,940	84,140	213,213
VII		4,335	32,916,188	32,458,918	0.150	218,003	218,003	159,579	159,579	125	325	0.49	39	138,599	80,175	298,178
VIII		872	10,154,787	9,950,884	0.041	60,260	60,260	50,668	50,668	50	296	0.51	17	39,235	29,643	89,904
IX		1,433	8,781,573	8,519,413	0.046	67,423	67,423	44,315	44,315	90	367	0.52	25	31,435	8,327	75,750
X		1,524	12,740,406	12,451,772	0.055	80,125	80,125	58,325	58,325	75	320	0.47	23	43,008	21,289	101,333
XI		251	1,844,941	1,788,559	0.008	11,810	11,810	8,322	8,322	90	298	0.47	30	2,933	-555	11,255
XII		482	1,536,920	1,491,334	0.007	10,490	10,490	7,002	7,002	75	365	0.47	21	4,381	893	11,384
TOTAL		23,530	179,352,557	175,357,126	1.000	1,450,580	1,450,580	1,238,061	1,238,061			0.71		989,896	777,376	2,227,956
						1,690,580										
I	1994	2,677	15,514,059	15,166,329	0.090	239,001	239,001	217,401	217,401	125	396	1.43	32	167,482	145,882	384,683
II		1,035	7,487,387	7,339,999	0.029	77,137	77,137	70,177	70,177	75	410	0.96	18	54,448	47,468	124,625
III		2,456	20,266,312	19,492,840	0.050	132,283	132,283	120,283	120,283	90	318	0.62	28	96,278	84,278	216,561
IV		3,374	10,668,398	10,330,920	0.325	863,313	863,313	785,313	785,313	200	350	7.60	57	560,344	482,344	1,345,657
V		5,274	36,958,098	36,271,687	0.110	286,462	286,462	260,062	260,062	90	313	0.72	29	286,347	259,947	546,409
VI		3,860	33,479,036	33,110,672	0.089	235,873	235,873	214,513	214,513	90	345	0.65	26	213,125	191,765	427,639
VII		5,533	34,971,880	34,566,905	0.150	398,003	398,003	362,003	362,003	125	325	1.05	39	329,735	293,735	691,737
VIII		1,113	11,148,375	10,946,534	0.041	109,460	109,460	99,620	99,620	50	296	0.91	17	79,505	69,665	179,126
IX		1,829	10,131,556	9,849,315	0.046	122,623	122,623	111,583	111,583	90	367	1.13	25	87,010	75,970	198,593
X		1,944	14,178,003	13,882,797	0.055	146,125	146,125	132,925	132,925	75	320	0.96	23	105,848	92,648	238,773
XI		320	2,117,911	2,062,036	0.008	21,410	21,410	19,490	19,490	90	298	0.95	30	11,297	9,377	30,787
XII		615	1,776,898	1,726,483	0.007	18,890	18,890	17,210	17,210	75	365	1.00	21	12,443	10,763	29,653
TOTAL		30,032	198,697,823	194,746,517	1.000	2,650,580	2,650,580	2,410,580	2,410,580			1.24		2,003,864	1,763,864	4,444,443
						2,980,580										
I	1999	3,417	17,185,216	16,846,400	0.090	387,501	387,501	357,801	357,801	125	396	2.12	32	284,711	255,011	642,511
II		1,322	8,262,222	8,101,085	0.029	124,987	124,987	115,417	115,417	75	410	1.42	18	91,381	81,811	206,798
III		3,135	24,520,386	23,605,857	0.050	214,783	214,783	198,283	198,283	90	318	0.84	28	171,844	155,344	370,127
IV		4,306	12,418,095	12,051,916	0.325	1,399,563	1,399,563	1,292,313	1,292,313	200	350	10.72	57	909,205	801,955	2,201,517
V		6,731	40,266,721	39,597,938	0.110	467,962	467,962	431,662	431,662	90	313	1.09	29	473,709	437,409	905,371
VI		4,926	35,194,270	34,853,560	0.089	382,723	382,723	353,353	353,353	90	345	1.01	26	352,642	323,272	705,995
VII		7,062	36,771,243	36,418,798	0.150	645,503	645,503	596,003	596,003	125	325	1.64	39	555,460	505,960	1,151,463
VIII		1,421	12,174,874	11,964,139	0.041	177,110	177,110	163,580	163,580	50	296	1.37	17	132,132	118,602	295,713
IX		2,334	11,628,296	11,313,151	0.046	198,523	198,523	183,343	183,343	90	367	1.62	25	147,490	132,310	330,833
X		2,482	15,700,432	15,385,134	0.055	236,875	236,875	218,725	218,725	75	320	1.42	23	179,321	161,171	398,046
XI		408	2,399,054	2,341,045	0.008	34,610	34,610	31,970	31,970	90	298	1.37	30	20,650	18,010	52,620
XII		785	2,035,590	1,981,744	0.007	30,440	30,440	28,130	28,130	75	365	1.42	21	21,069	18,759	49,199
TOTAL		38,329	218,556,399	214,460,767	1.000	4,300,580	4,300,580	3,970,580	3,970,580			1.85		3,339,614	3,009,614	7,310,194
						4,680,580										
I	2004	4,361	18,980,844	18,606,964	0.090	558,501	558,501	524,301	524,301	125	396	2.82	32	426,035	391,835	950,336
II		1,687	9,134,852	8,951,406	0.029	180,087	180,087	169,067	169,067	75	410	1.89	18	135,576	124,556	304,643
III		4,001	30,180,143	28,923,534	0.050	309,783	309,783	290,783	290,783	90	318	1.01	28	270,720	251,720	561,502
IV		5,495	14,784,709	14,260,115	0.325	2,017,063	2,017,063	1,893,563	1,893,563	200	350	13.28	57	1,322,094	1,198,594	3,215,657
V		8,591	44,676,622	43,713,466	0.110	676,962	676,962	635,162	635,162	90	313	1.45	29	714,774	672,974	1,349,936
VI		6,287	37,396,031	36,922,605	0.089	551,823	551,823	518,003	518,003	90	345	1.40	26	525,747	491,927	1,043,750
VII		9,013	39,156,144	38,638,717	0.150	930,503	930,503	873,503	873,503	125	325	2.26	39	834,484	777,484	1,707,987
VIII		1,814	13,606,529	13,144,503	0.041	255,010	255,010	239,430	239,430	50	296	1.82	17	195,559	179,979	434,990
IX		2,979	13,514,497	13,104,272	0.046	285,923	285,923	268,443	268,443	90	367	2.05	25	221,726	204,246	490,169
X		3,167	17,553,086	17,156,229	0.055	341,375	341,375	320,475	320,475	75	320	1.87	23	269,025	248,125	589,500
XI		521	2,768,248	2,687,332	0.008	49,810	49,810	46,770	46,770	90	298	1.74	30	31,920	28,880	78,690
XII		1,092	2,355,791	2,286,577	0.007	43,740	43,740	41,080	41,080	75	365	1.80	21	31,488	28,828	72,569
TOTAL		48,918	243,907,496	238,395,720	1.000	6,200,580	6,200,580	5,820,580	5,820,580			2.44		4,979,148	4,599,148	10,799,728

表A-6-2 テレックスとデータ通信加入需要

RESULTS OF TELEX AND DATA SERVICE DEMAND FORECAST (SUPPLY PLAN 1)

YEAR	TELEX SUBSCRIBER	TELEX t-1	TELEPHONE SUBSCRIBER	TELEPHONE t-1	DATA EQUIPMENT	DATA t-1 EQUIPMENT	TELEX / TELEPHONE	DATA / TELEPHONE	TOTAL / TELEPHONE
1984	10,289	9,292	536,102	503,253	195	157	0.019		
1989	24,596	14,300	1,250,000	1,020,000	750	600	0.020	0.001	0.020
1990	25,673	24,596	1,420,000	1,250,000	798	750	0.018	0.001	0.019
1991	27,108	25,673	1,590,000	1,420,000	939	798	0.017	0.001	0.018
1992	28,712	27,108	1,760,000	1,590,000	1,087	939	0.016	0.001	0.017
1993	30,454	28,712	1,930,000	1,760,000	1,242	1,087	0.016	0.001	0.016
1994	32,304	30,454	2,100,000	1,930,000	1,403	1,242	0.015	0.001	0.016
1995	34,994	32,304	2,320,000	2,100,000	1,627	1,403	0.015	0.001	0.016
1996	37,709	34,994	2,540,000	2,320,000	1,864	1,627	0.015	0.001	0.016
1997	40,445	37,709	2,760,000	2,540,000	2,111	1,864	0.015	0.001	0.015
1998	43,198	40,445	2,980,000	2,760,000	2,368	2,111	0.014	0.001	0.015
1999	45,964	43,198	3,200,000	2,980,000	2,632	2,368	0.014	0.001	0.015
2000	49,312	45,964	3,460,000	3,200,000	2,965	2,632	0.014	0.001	0.015
2001	52,645	49,312	3,720,000	3,460,000	3,299	2,965	0.014	0.001	0.015
2002	55,971	52,645	3,980,000	3,720,000	3,641	3,299	0.014	0.001	0.015
2003	59,293	55,971	4,240,000	3,980,000	3,990	3,641	0.014	0.001	0.015
2004	62,612	59,293	4,500,000	4,240,000	4,345	3,990	0.014	0.002	0.019

RESULTS OF TELEX AND DATA SERVICE DEMAND FORECAST (SUPPLY PLAN 2)

YEAR	TELEX SUBSCRIBER	TELEX t-1	TELEPHONE SUBSCRIBER	TELEPHONE t-1	DATA EQUIPMENT	DATA t-1 EQUIPMENT	TELEX / TELEPHONE	DATA / TELEPHONE	TOTAL / TELEPHONE
1984	10,289	9,292	536,102	503,253	195	157	0.019		
1989	24,596	14,300	1,450,000	1,020,000	750	600	0.017	0.001	0.017
1990	27,598	24,596	1,690,000	1,450,000	1,054	750	0.016	0.001	0.017
1991	30,466	27,598	1,930,000	1,690,000	1,286	1,054	0.016	0.001	0.016
1992	33,350	30,466	2,170,000	1,930,000	1,533	1,286	0.015	0.001	0.016
1993	36,255	33,350	2,410,000	2,170,000	1,798	1,533	0.015	0.001	0.016
1994	39,182	36,255	2,650,000	2,410,000	2,075	1,798	0.015	0.001	0.016
1995	43,442	39,182	2,980,000	2,650,000	2,493	2,075	0.015	0.001	0.015
1996	47,652	43,442	3,310,000	2,980,000	2,943	2,493	0.014	0.001	0.015
1997	51,820	47,652	3,640,000	3,310,000	3,420	2,943	0.014	0.001	0.015
1998	55,957	51,820	3,970,000	3,640,000	3,923	3,420	0.014	0.001	0.015
1999	60,068	55,957	4,300,000	3,970,000	4,448	3,923	0.014	0.001	0.015
2000	64,851	60,068	4,680,000	4,300,000	5,094	4,448	0.014	0.001	0.015
2001	69,585	64,851	5,060,000	4,680,000	5,751	5,094	0.014	0.001	0.015
2002	74,290	69,585	5,440,000	5,060,000	6,430	5,751	0.014	0.001	0.015
2003	78,971	74,290	5,820,000	5,440,000	7,129	6,430	0.014	0.001	0.015
2004	83,635	78,971	6,200,000	5,820,000	7,846	7,129	0.013	0.002	0.019