## 6-4 Number of Repairs

	Γ		T	·	ſ				Source;	Telephone		ports	
محسد										Maintenanc	e reports		·
			1000	1001		1983	1984	1985	1986	1987	1988	1989	199
		Lau Cratica	1980	1981	1982	1303	1704	1703	1980	1,0,	1,700	3,0,2	
	IN TELEP	ohone Station	269,534	287,090	312,062	339,510	361,924	433,517	548,080		686,151	792,203	900,94
		ce Total	96,360	102,148	113,617	123,721	157,567	192,981	250,832	286,915	319,721	365,811	423,58
					<u>                                     </u>	(1)	1	1 000 Main	Tolanhous	Station (ave	nae ner Ma	mth))	
		Repairs	1988 to 19	90; Presume	d from	(Minuber o	repairs /	1,000 Might	I CICIATORE	Station (ave	ago por mic	113.77	e Çirin e
	BMA'	Telephone set		35,265	50,671	66,232	83,202	80,877	84,652	99,196	110,013	101,626	106,8
-		Drep wire & Inside line		86,092	89,266	111,989	108,080	119,496			143,576	138,621	126,60
•		Subcarrier							3,862	4,538			
_		Change of the vacant pair lin	e	9,357	9,472	9,298	7,151	3,311	65 005	56,328	52,520	52,358	52,0
		Underground Cable	<b> </b>	48,633	50,846	60,867 1,330	60,346		65,205 4,415		16,782	18,188	22,9
_		Switching Equip.		667 4,920	724 6,872	7,363	7,835				10,102	.0,100	
		Other cause of damege		53,314	48,276	61,304	61,101	102,220			57,803	44,147	45,3
		Test of good condition Total	<b> </b>	238,248	256,127	318,383	329,035				380,693	354,939	353,8
	PROV	INCE Total	ļ	40.22		14.046	12 425	20,449	33,942	36,532	47,571	46,142	82,31
	ļ	Telephone set	<u> </u>	10,182 46,913	12,188 46,478	14,740 50,787	16,460 61,453				68,295	70,626	51,8
-		Drop wire & Inside line Subcarrier		46,913	40,478	30,787	01,433	02,322	75,205	31,724	00,873	0,020	
-		Change of the vacant pair lin	C	2,964	3,728	4,138	6,931	7,156		L			
-		Underground Cable	<u> </u>	4,600		4,221	4,343			20,470		31,731	34,9
		Switching Equip.		1,313	911	1,058	2,540				52,607	60,186	54,3
T		Other cause of damege		2,199	3,328	3,205	4,811	8,133					14.5
		Test of good condition		1,030	611	1,348	1,812		4,827		26,557	33,205	41,3
	ļ	Total		69,231	72,340	79,596	98,447	113,777	142,516	143,833	223,653	241,890	264,8
la n	nher of	Repairs / 1,000 Main Telepho	ne Station	(avcrage ne	r Month)	<b></b>			<b> </b>				
	BMA 1				I								
		Telephone set	9.32	10.50	13.99	16.94					14,16		10.
		Drop wire & Inside line	26.55	25.67	24.66	28.65	25.54				18.48	15.70	12.
		Subcarrier	<b></b>				0.00		0.64	0.64	0.00		أخبينا
_	LI	Change of the vacant pair lin					1.70	14.04	10.83	7.99	6.76	5.93	5.
		Underground Cable	15.06	14.50 0.20	14.03 0.20	15.57 0.34	14.27 0.31	0.46	<del></del>		2.16		2.
	ļi	Switching Equip. Other cause of damege	1.05	1.47	1.90		1.85						347.7
-		Test of good condition	17.99	15.94	14.93		16.02	24.80	10.14	8.24	7.44	5.00	4.
		Total		71.08	72.33	82.87	79.35	84.32	58.85		49.00	40.20	34.
	[ <u> </u>					<b> </b>	ļ	<b> </b>	<u> </u>	ļ		ļ	
_	PROV	INCE Total	210	0.50	9.40	10.35	8.80	9.72	12.73	11.30	13,13	11.27	17.
	<b> </b>	Telephone set Drop wire & Inside line	7.19 38.92	8.59 39.55	35.83	35.66	<del></del>			15.97	18.85		11.
-		Subcarrier	30.72	37.33	35.65	33.60	52.04	27.07					
	<del> </del>	Change of the vacant pair lin	2.46	2.50	2.88	2.91	3.48	3.40					
		Underground Cable	2.50	3.87	3.89	2.96	2.54				7.90		7.
		Switching Equip.		1.11	0.70						14.52	14.70	11.
		Other cause of damege	1.90									0.11	<u> </u>
_		Test of good condition	0.97	0.87	0.53	1.02 55.89		1.47 54.07	<del></del> -				8 56
		Total		58.34	55.81	33.89	52.61	34.07	33.33	177,44	01.73	37.00	50.
, fa	sult / lin	se connected (average per Mo	nth)			<b></b>	1					<u> </u>	
Ì		Arca I					9.00				4.73		
		Area 2				L	9.00			<b></b>	5.44		
		Area 3				ļ	12.00		<b></b>	[ ]	8.75		
_	ļļ	Arca 4	ļ			<u> </u>	9.00		7.04	4.68	6.14 6.01	6.56 5.59	
-		BMA Total				<del> </del>	9.37	9,49	1.04	4.08	6,01	3.39	
-		PROVINCE 6			ļ	ļ	4.00	5.00	7.00	7.00	6.64	<u> </u>	5
7		PROVINCE 9				l	1	5.00		· · · · · · · · · · · · · · · · · · ·			
_		PROVINCE Total					5.85			******			5
آـِ	L		L			<b> </b>	<b> </b>	<b> </b>	10/2004	<del> </del> -			<b> </b>
fa		ured within I day (average per BMA Total	Month)	61.79	57.94	60.78	63.23	70.01	75.84	88.05	84.29	84.97	90
+		PROV.	ļ	84.45	85,54	86.48							
-{		2 (32-7 )	<u> </u>	0.4.43	25,57	30,-10	1	1	1	1	<del></del>	1	<del>'''</del>
fa	uli clea	ared over than 7 days (average	per Month	)					1 6 6			L	
1		BMA Total		2.59	4,13	3.79		2.20	1.43	0.29			
		PROV.		1.94				0.86	1,60	0.81	1.13	1.45	3

	Exchange Name		LTJ		LTJ&AS	p	ASP		ASP(PEF)		AP	<del></del>	AP-FSF	
		No.		Pair	•			Pair		Pair	<b>A</b>	Pair	-}	Pair
	Phloen Chit	1			0.40							1	0.40	240
		2			0.40			1800					0.40	300
		3			0.40	1500		1800					0.40	300
		4			0.40	900	0.40						0.40	300
		5			0.40	1200	0.40	700					0.40	30
		6			0.40	200	0.40						0.40	24
		7			0.40			3000	LI				0.40	18
		. 8			0.40					<u></u>	<u> </u>			
		9	<u> </u>		0.40	3000					<b></b> .			
		10				L	0.40							
		11	·			ļ	0.40			<u> </u>	ļ		<u> </u>	
		12			ļ	ļ	0.40			<u> </u>	<u></u>		-	
		13		·	ļ	<b> </b>	0.40		<del> </del>		<b>}</b>	<del></del>		
		14		ļ		ļ	0.40							
		15		ļ		<b></b>	0.40			<del></del>	}	<del></del>	<del> </del>	<b></b>
		16			ļ	ļ	0.40	3000	<del>  </del>		├			
				<b></b>	<b>-</b>			1000		2500				
2	Samran Rat	1			<del> </del>	<b>}</b> -	0,40			3600	<del> </del>		0.40	30
		2		}	1	}	0.40			4000			0.40	30
		3	<del></del>	<del> </del>	<del> </del>	<del> </del>	0.40			4000			0.40	
	<del></del>	4		<del> </del>	}	}	0.40			3200			0.40	
		5			ļ		0.32			4000		<del></del>	0.40	·
	<u> </u>	6	<del> </del>	<del> </del>	<del> </del>	<u> </u>	0.50	600		4000		_}	0.40	<b> </b> '
	<del></del>	7	ļ	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	0.32	3600			<del> </del>	<del> </del> -
	······································	9	<b> </b>	<del> </del>	-نـــنــــــــــــــــــــــــــــــــ	<del> </del> -	<del> </del>	<del> </del>	0.32	3600 3600		<del></del>	<del>                                     </del>	
		- 3	<del> </del> -	<del> </del>	<del> </del>	<del> </del>	╂	<del> </del>	0.32	3000	<del> </del>		<del></del>	<del> </del>
	Krung Kasem	1		<del> </del> -	<del> </del>	<del> </del>	0.40	2100	0.32	3600			0.40	36
^	Aning Assem	2	ļ <del>-</del> -	<del></del>	ļ	<del> </del>	0.40	<del></del>		3200			0.40	3
		3	ļ	<del> </del>	<del> </del>		0.40			3200	<del>' </del>			
		4		ļ	<del> </del>	<del> </del>	0.40				<del> </del>	+	<del></del>	
1 2.0 0.0	<u> </u>	5		<del> </del>	<del> </del>	<del> </del>	0.40				<del> </del>		<del> </del>	
	<del></del>	6		<del> </del>	<del> </del>	<del>                                     </del>	0.40	<del></del>			ļ <del>,</del>	<del></del>	<del> </del> -	<del></del>
		7	<b></b>			<del> </del>	0.40				<del> </del>		+	
-	<del></del>	8					0.40				<del> </del> -			
		9			<u> </u>	<del> </del>	0.40				<del> </del>	<del></del>	<del> </del>	<b></b> -
		10		<b></b>	<del> </del> -	<del> </del>	0.40	<del></del>			<del> </del>	<del>                                     </del>	<del> </del>	
		11	<b></b> -		<del> </del>		0.40				<del>                                     </del>	<del> </del>	<del> </del>	
		12		<b></b>	<b> </b>	1	0,40	<del></del>			<del> </del>		1	<b> </b> -
		<b> </b> -			<del> </del> -	<del> </del>	1-0.10	1 .500	1		<del> </del> -			
4	Surawong	1		<del> </del>	}	<del> </del>	0.40	1800			<del> </del>	<del></del>	0.40	34
	<u> </u>	2	<del></del>	t	t	t	0.32		-		t		0.40	
		3		<u> </u>	†	<b>†</b>	0,40				1-		0.40	
				ţ	<b> </b>	<b>!</b>	0,40				<del> </del>		0.40	
		4 5			<del> </del>	l	0.40				<u> </u>		0.40	
		6		<u> </u>	<del>                                     </del>		0.40				1	+	0.40	
		7		<del>                                     </del>	1	1	0.40				1	+	0.40	
		8		<b>!</b>	<del>                                     </del>	1	0.40				T	<del>- </del>	1	<u> </u>
		9		ļ. — — —	1	<del> </del>	0.32				<del>                                     </del>		1 ~~	
		10		<del>                                     </del>	1	<del>                                     </del>	0.40				1	1	1	
		11		l	1	1	0.40				1	T	1	1
		12		1.	1	1	0.32						7	T
		13			1	T	0.40					T	1	T
	100	14	Γ	-	1		0.32	·			1	T	<u> </u>	
				<u> </u>		I		[		-			1	
5	Sam Sen	ī			Ι		0.40	3000	0.32	3600		$\mathbf{L}^{-}$	0.40	1
1		2		L					0.32	3600			0.40	
		3					L		0.32	3600				
6	Asok-Din Dang	1			.,		0.40	3000	0.32	3600			0.40	3
		2			\		0,40			L			0.40	3
		3		I .	1	1	0.40	·					0.40	
	·····	4		[	T	T	0.40				T		0.40	
		5	.:			1	0.40				1	1	0.40	
		6			}	1	T	1	T		1		0.40	
		7			T T	[	T	Γ	T		<u></u>	$T^{-}$	0.40	3
		8			]	]	T						0.40	
		<u> </u>			1	T	Γ	T					T	1
7	Sukhumvit	ī		<u></u>	T.	1	0.40	2400	0.32	3600	1	1	0.40	2
		2	<del> </del>	<del> </del>	1	<del> </del>	0.40			4000			0.40	

### 6-5 List of Cables in BMA at Dec. 1989 (2/7)

	Source; Progress	Î		1			[			(				
·	Exchange Name	<u>}</u>	LTI		LTJ&AS	Ļ——— P	ASP		ASP(PEI	)	AP		AP FSF	
x. N		No.	φ.	Pair		Pair	ø	Pair	•	Pair		Pair		Pair
<u>````</u>	<u> </u>	3	X	1.33									0.40	150
		4											0.40	210
		5		1									0.40	210
		6											0.40	240
		<del>ऻ</del> ॱॕ		1										
8	Pathum Wan	l i					0.40	1800	0.32	3600			0,40	300
		2					0.40	2400	0.32	3600		<u> </u>	0.40	180
_		3							0.32	3600				
		4							0.32	3600				<u> </u>
		5	-						0.32	3600				
_		6		1			1		0.32	3600				
		7							0.32	3600				
_		8					<u></u>		0.32	3600		ļ		
1														
9	Chaiyaphnuk	1					0.40	2100			0.40	1100	0,40	150
_		2					0.40	2100	L	ļ	0.40	900	0.50	210
		3					0.40	2100					0.40	210
		4		<b></b>	<u>                                     </u>		0.40	2100		<b> </b>		<b> </b>	0,40	270
		5					0.40	1800		ļ	ļ <u>-</u>	ļ	ļ <u></u>	
		6	L	1	ļl		0.40	2400	Ļ	<b></b>	ļ			<del> </del>
		7	<u> </u>	1	<b> </b>		0.40	2400		<b> </b>	<b> </b>	<del> </del>	<b>}</b>	
		8		<b></b>			0.40	2700		ļ	ļ		<b> </b>	
_]		9		I			0.40	3000	<b> </b>	ļ				· · · · · · · · · · · · · · · · · · ·
		10	L	1			0.40	3000	ļ	<b>}</b>	<b> </b>	<b> </b>	<b> </b>	<u> </u>
		11		<u> </u>			0.40	3000	<b></b>		ļ			
														oct/
10	Bang Na	1					0.40	2400		<b> </b>	<b></b>	<b>.</b>	0.40	270
l		2		ļ			0.40	1200				ļ	0.40	270
		3					0.40	2700				l	0.40	300
_]		4	<u> </u>		l		0.40	2700	<b>}</b>	<b>}</b> -	}	<u> </u>	0.40	270
		5					0.40	2100			ļ	ļ	0.40	300
		6		ļ			0.40	2100		ļ	<u> </u>	<u> </u>	0.40	270
i		7		<u> </u>			0.40	3000			ļ	ļ	0.40	210
		8		<u> </u>							L		0.50	180
		9	L			,,, <u></u>				ļ	L	ļ	0.50	180
_		10	<b> </b>		L				L	ļ			0.40	300
	· · · · · · · · · · · · · · · · · · ·	11		<u> </u>						ļ	ļ		0.50	180
							ļ			ļ	<u> </u>	ļ		
11	Samut Prakan	1_1	ļ	ļ	ļ		0.40	2700					0.40	270
		2		ļ			0.40	1500	<b> </b>	ļ	ļ		0.40	270
		3		1			0.40	2400		ļ	<u> </u>	ļ	0.40	27(
		4		<u> </u>		L			ļ	<b> </b>	<b> </b>	ļ	0.40	150
		ļ		ļ	ļ				ļ	<b> </b>				
12	Khlong Chan	1		<u> </u>	<u> </u>		0.40			<b>}</b>		}	0.40	300
		2		<del> </del>	<b> </b>		0.50			<u> </u>	ļ	ļ	0.40	270
		3		ļ	ļi		0.40	3000		ļ	<b> </b>	<b> </b> -	0.40	270
i		4		1	<u> </u>		0.50			<b>}</b>	<b> </b>	<b> </b>	0.40	278
l		5			L		0.40						0.40	270
		6		<u> </u>	<u> </u>		0.50	1200	<u> </u>	l	ļ	<del>[</del>	0.40	30
		7		ļ			0.40	2700	<b> </b>	<b>}</b> -	L	<del> </del>	0.40	30
_]		8	ļ	ļ	<b> </b>				<u> </u>	ļ	ļ	ļ	0,40	24
_[		9		ļ	<b> </b>		<b> </b>		ļ	ļ	<u> </u>	ļ	0.40	30
I		10	l	ļ	ļ		ļ		<b></b>		<del> </del>		0.40	30
		11	<u> </u>	ļ	ļ		ļ		ļ	ļ	<u> </u>	ļ	0.40	18
[		12		<b></b>	ļ			<b> </b>	ļ	<u> </u>	ļ	ļ	0.40	24
]		13	<u></u>	<b></b>	ļ		ļ		<b> </b>	<b> </b>	L	ļ	0.40	18
		<u> </u>			ļ		<u> </u>		ļ	<b></b>	<b></b>	ļ	ļ	
13	Thungmahamek	1	<b></b>	J			0.40			<u> </u>	ļ	<u> </u>	0.40	24
]		2	ļ	.			0.40			.	<u> </u>	ļ	<b></b>	
]		3		ļ <u>.</u>	ļ		0.40			<u> </u>	<u> </u>	<u> </u>	<b></b>	
		4		J	<b></b>		0.40			<b> </b>	<b></b>	ļ		
		5					0.40		ļ	ļ	<b> </b>	<b></b>		
_1		6		1			0.40			L		<b></b>		
		7		1	<u> </u>		0,40						1	
		8				<u> </u>	0.40						<b></b>	
1		9					0.40			<u></u>	L		<u></u>	
		10				<u> </u>	0.40	3000		1			1	
_				1					j		1			]
14	Sathu Pradit	1	T			l	0.40	1200		1	0.40	900	0.40	27
		2	1				0.40			ſ			0.40	

## 6-5 List of Cables in BMA at Dec. 1989 (3/7)

F									<u> </u>	L	1	I		
	Exchange Name		LTI		LTJ&AS		ASP		ASP(PEI		AP		AP-FSF	
c. No	0	No.	<b>\$</b>	Pair	•	Pair	•	Pair	ф.	Pair	9	Pair	0.40	Pair 300
	Thanon Tok	1	<del></del>	<b></b>	ļ	<u> </u>	0.40	3000			ļ		0.40	240
		3		<del> </del>	ļ		0.40	2100				<b> </b>	0.40	240 180
$\dashv$		4		<del></del>	<del> </del>						<del> </del> -		0.40	240
-		5		1	<b></b>		1			<b> </b>	<b></b> -		0.40	240
		. 6											0.40	210
		7											0,40	210
			<u> </u>	<u> </u>	ļ					ļ	ļ	<u></u>		
16	Pu Chao Saming I	1		<del> </del>	ļ	<u> </u>	0.40	1800 3200		ļ	ļ		0.40	240
}		3		<del> </del>	<del> </del>		0.32	3000			}	<del> </del>	0.50	180
		4		<del> </del>	<b> </b>		0.32	3600		<del></del> -	<b> </b>	ļ		
1									<u> </u>					
17	Bang Chan	i											0.40	300
_		_2		ļ		·				ļ	<b></b> _	<b> </b>	0.40	270
		.3 4		<del>                                     </del>		-	<del></del>			<b></b> -	<del> </del>	<del> </del>	0.40	240
	<del></del>	5		<del> </del> -	<del> </del>		<del>- </del> -		<del> </del>	<del> </del>	<del> </del>	<del> </del>	0.40	240
-		6		<del>                                     </del>	<del> </del>		<del> </del>			<del> </del>	<del> </del> -	<del></del>	0.40	270
		7											0.50	180
		8											0.40	270
_[				ļ					L	L	ļ			
18	Phra Khanong	1		<del> </del>	ļ <u> </u>	ļ	-0.40	3000			ļ	<u> </u>	0.40	180
		3		·	<del> </del> -	<del></del>	0.40	2400		<del> </del>	<del> </del>	<del> </del>	0.40	300
-+			·	<del> </del>	<del> </del>	<b></b>	0.40	3000 1800		<del> </del>	·	<del></del>	0.40	270 240
$\dashv$		4 5		<del> </del>	<del> </del>		0.40	1000	<b></b>	<b> </b>	<del> </del>	<del> </del>	0.40	240
	11.	6			<u> </u>	,	1		<del> </del>			<del> </del>	0.40	300
_1		7									1		0.40	240
		- 8	7										0.40	300
_		9		<u> </u>	ļ		<u> </u>		ļ		ļ	ļ	0.40	30X
}	_ <del></del>	10	· ·	- <del> </del>	ļ				ļ <u>-</u>	<del> </del>	<del> </del>	·[	0.40	300
10	Hua Mak	. 1	-	<del> </del>	<del> </del>		. 0.40	3000	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del> -	0.40	300
-	I I LA TATUA		<del></del>	†	<b></b>		0.40			<del> </del>	<del> </del>	<b>†</b>	0.40	300
7		2 3					0.40						0.40	300
		4					0.40	3000					0.40	240
_		5		<b></b> _					ļ	Ļ	ļ	ļ <u>.</u>	0.40	240
		6		<b></b>	ļ			ļ		<b></b>	ļ	<b></b>	0.50	180
-		8		<del> </del>	<del> </del>	<u> </u>		ļ	<del> </del>	\	<del> </del>	<del> </del>	0.40	240 300
$\dashv$	<del></del>	9	<del></del>	<del>                                     </del>	<b>†</b>					<del> </del>	<del> </del>	<u> </u>	0.40	300
-		10	<del></del>		<b> </b>		1			ļ ———	1		0.50	186
		11											0.65	12
										<b></b>	L			
20	Trok Chan	_1			<del> </del>	ļ	0.32	3600		ļ	<b> </b>	<b></b>	0.40	180
	<del></del>	2	<del></del>	<del> </del>	<del> </del>		0.40			<del> </del>	<del> </del>	<del> </del>	0.40	300 240
-+		3 4		<del> </del>	<del>                                     </del>	ļ <u>-</u>	0.40	3000		<del> </del> -	<del> </del> -	<del> </del>	0.40	24(
		5	···	<del> </del>	<del>                                     </del>	<u> </u>	0.40			<u> </u>	<del>                                     </del>	<b>†</b>	0.40	24
		6		1	1		0.40						0.40	24
	1 1 1 11	7				L			L	<u> </u>		ļ	0.40	240
-		8	1		<u> </u>	ļ		ļ	<u> </u>	<b> </b>	<b> </b>	<del> </del>	0.40	24
		9		<del> </del>	<del> </del>	<b></b>		ļ	ļ	<b> </b>	<del> </del>	<del> </del>	0.40	24
21	Lat Krabang	1	<del></del>		<del> </del>		<del></del>	<del></del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	0.50	18
	Lat Arabang	2	<del></del>	1	<del> </del>	ļ		<del> </del>	<del> </del>	1	<b> </b>	<del> </del>	0.40	24
7				<del> </del>	T	· · · ·	_[	1	T	[	1	T		
22	Bang Phli	1			L								0.40	18
		2											0.40	27
$\perp$		3			ļ			ļ	ļ	<b></b>		<u> </u>	0.40	24
		4		J	ļ			<u></u>	ļ. <u> </u>	ļ	<del>-</del>	ļ	0.65	€
3	11 TV						_	<b> </b>	<del> </del>	ļ	<del> </del>	1 000		
23	Bang Phli - Bang	l 2	· · · · ·	<del> </del>	<del> </del>		-		<del>                                     </del>	<del> </del>	0.40			<del></del>
				<del> </del>	1		-	<del> </del>	<del> </del>	<del>                                     </del>		1 30		
	And the second s			1	4			<b></b>			0.40	4	i. 1	·

## 6-5 List of Cables in BMA at Dec. 1989 (4/7)

	Source ; Progress	[				L			l	ł				
	Exchange Name		LTI		LTJ&AS	P	ASP		ASP(PEI		AP		AP FSF	
x. N		No.	ģ	Pair	ø	Pair		Pair	ف	Pair	<u> </u>	Pair	<b>.</b>	Pair
- 0.5	Khlong Toei	1		<u> </u>			<b></b>		ļ	<u> </u>			0.40	3000
	Knieng reer	2					1			ì			0.40	3000
		3		<del> </del> -			1						0.40	3000
		4		1		<b> </b>							0.40	3000
		5		+	<b> </b> -	·	1						0.40	2400
	ļ	<u> </u>		-										
26	Nong Chok	1		<del>                                     </del>			1		-		0.40	400		
	riong once	2					1				0,40	400	<u> </u>	
			<u></u>	1	<u> </u>		1							
27	Bang Pu	1		·	· · · · · ·						0.50	900		
	50.800	2								Ì	0.50	600		
			**********	-		Ī					<u> </u>			
28	Onnut	1		1 .							<u> </u>		0.40	240
	<u>Ganu</u> .	2		1									0.40	180
		3		·			1			L	<u> </u>		0.40	240
		4		1			1						0.40	
		5		1		<u> </u>	Γ		<u></u>		<u></u>		0.50	
		6		1	<b> </b>	<u> </u>	1		L				0.50	
		7		1	l				L	<u> </u>			0.50	
		8		1								<u></u>	0.40	
		9			1	<u> </u>		<u> </u>	L				0.40	
		10		1	Γ	1			L				0.40	
_		11		1	T	T						]	0.40	240
		<u></u>		1							<u></u>			نبشا
20	Phruk Sachat	1		1			1						0.40	
		2		1									0.40	240
		t		<b>T</b>	t		1		1					
30	Learn Thong	1							1			·	?	240
<u> ۲</u> ۷				1		1		<u> </u>				i	0.40	120
		3				1	1				T	1	0.40	120
				1		T	·   · · · · · · · · · · · · · · · · · ·							
31	Bang Bo	1		1		t	1	<del></del>			0.40	50		
		2		†	<b></b>	1	1				0.40	25		
		-		<del> </del>			1			<u> </u>				
- 32	Thon Buri	1	0.50	600	}	<b></b>	0.40	2400		1			0.40	300
- 12	11(0)) 2/0/1		0.50			<b></b>	0.40	·		1	1	Ī.	0.40	240
		3	0.50		<b>-</b>		0.40	<del></del> -	+	1				
		4					0.40	<del></del>						
		5		<del> </del>	t	<u> </u>	0.40	<del></del>						
		6		<del> </del>		<del> </del>	0.40			1			1	T
	<u></u>	7		<del> </del>	<del> </del>	<b>†</b>	0.32							T
		8		<del>                                     </del>	<del> </del>	†	0.32	<del></del>		1				
		9		<del> </del>		<del> </del>	0.40			1		1		
{		-		<del> </del>	<del> </del>	<del> </del>	1		<del>                                     </del>	1		1	T	
- 12	Bang Khae	1		<del> </del>		<del> </del>	0.40	3000	<del> </del>	<del> </del>	<del>                                     </del>		0.40	270
-33	Dang Kriac			<del> </del>	<b> </b>	ł	0.40			1	†	1	0.40	
	Rang Khae	2	<del></del>	<del> </del>	<del> </del>	<del> </del>	0.40			†	<del>                                     </del>	1.	0.40	
	Bang Khac	3		<del> </del>	<del> </del>	<del> </del>	0.40			<del> </del>	<del> </del>	1	V.A.	1
	Bang Khae	-4		<del> </del>	<del> </del>	<del> </del>	1 0.40	2100	<del> </del>	<b> </b>	1	<del> </del>	-	1
	D . 12			<del> </del>	<del> </del> -	<del>                                     </del>	0.40	3000	<del> </del>	<del> </del>	<del> </del> -	5	0.40	180
34	Dao Khanong	1		<del> </del>		<b>}</b>				<del> </del>	<del> </del>	+	0.40	
		2		<del> </del>	<b> </b>	<del> </del>	0.40			<del> </del>	+	<del> </del> -	V.40	30
		3		<del> </del>	<b> </b> -	<del> </del>	0.40			<del> </del>	·			-
		4		·	<b></b>	<b> </b>	0.40			<b></b>	<del> </del>		1	<del> </del>
		5		<b> </b>	ļ	ļ	0,40		<b>}</b>	ļ		<b> </b>		+
		6		<del> </del>	ļ	ļ	0.40	3000		<b>{</b>	<del> </del>			<b>.</b>
		7	ļ	<del> </del>		ļ	0.40	2400	<del> </del>	<del> </del>		<del></del>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7
<u>_</u> :				ļ	ļ	ļ			ļ	<b> </b>	<del></del>	<del> </del>		
35	Phra Pradaeng	_1		<del></del>	<b>}</b>	<b>}</b>	0.40	2400	-	<b>-</b>		<del> </del>	0.40	
		2		ļ	<b> </b>	<del> </del>	<del></del>	<del> </del>	ļ	<b>_</b>	<b></b>	<b> </b>	0.40	
		3		<b> </b>	<del> </del>	Ļ	<b></b>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<u> </u>	0.40	
		4	<b> </b>	ļ	<b></b>	ļ	.	<del> </del>	ļ	<b>_</b>	<b></b>		0.40	
		<u> </u>	<b></b>	<b></b>	<u> </u>	ļ	<del></del> _	ļ	ļ	<del> </del>	<del> </del>	<b> </b>	·	
36	Nong Khaem	_1	<b>}</b> _	<b>}</b>	<b> </b>	<b>}</b>	-	<b> </b>	<b></b>	ļ		1	0.40	
		2	<b></b>	<del></del>	<u> </u>	ļ	<del> </del>		<b></b>	<b></b>	4	<b></b>	0.40	
		3	<b></b>	1	<b></b>	<u> </u>		<u> </u>	<b>}</b>	1	<del></del>	<b> </b>	0,40	) 6
]	<u></u>	L		1	L	L		<del> </del>	<u> </u>		1	1		-
37	Bang Phlat		<u></u>	<u></u>	L	L	0,40			<u> </u>	<b>_</b>	<u> </u>	0.40	
		2	l			<u> </u>	0.65		)	<u></u>	1	L	0.50	
		3		1	1	1	0.50	1800	- I		1	1 -	0.40	) 1

- 1					on Local				1					
	Exchange Name		LTI		LTJ&AS	P .	ASP		ASP(PEF	3	AP		AP-FSF	
x. N	O.	No.	8	Pair		Pair	φ	Pair		Pair		Pair		Pair
إحت		- 4					0.40	3000					0.40	240
		5					0.40	2400					0.40	240
		6											0.40	300
		7						<u> </u>					0.40	300
		8					<u> </u>						0.40	300
				<b> </b>			ļ						0.40	300
		10						<u> </u>					0.40	300
		11	·	-	ļ <del></del>	<b> </b>	ļ	ļ	}				0.40	300
		12		<u> </u>				ļ	ļ				0.40	300
		13		ļ		ļ		ļ	ļ		ļi		0.40	300
-20	Dt D	1		ļ		ļ			<del> </del>			000		
.38	Phanu Rangsi			<del></del>	·····	<b></b>	<del> </del>	<b> </b> -	<del></del>		0.40	900		
20	Phasi Charcon	1					0.40	3000	<del></del>				0.40	18
-39	Filasi Chatoca	2	· · · · · · · · · · · · · · · · · · ·	<del> </del> -	<del></del>	<del> </del>	0.40	2400					0.40	30
				<del> </del>	L	<b></b>	1	200	<del>}</del>				0.40	24
							<del> </del>	}	<del> </del>				V. <del>40</del>	
40	Charansanitwong	1		1		<b>}</b>	0.40	2400			<b></b>		0.40	30
		2		<del> </del>		<del> </del> -	0.40	3000		†	<del> </del>		0.40	21
		3				<b></b>	0.40	<del></del>		<b></b>	<b> </b>	-	0.40	27
		4				7.	T	1		<b> </b>		l	0.50	18
		5	!	1	l	<b></b>	1		1.	<u> </u>			0.40	27
								T		J		L .		
41	Rat Burana	1											0.40	2.4
		2											0.50	18
		3				1					I		0.50	30
		4		<u> </u>		<u> </u>	<u> </u>	L					0.40	18
		5		ļ	<u> </u>		ļ	<u> </u>	ļ		<b>_</b>		0.40	24
		_6		<b> </b>	<u> </u>	<b>}</b>	<b> </b>	ļ	<u> </u>	<u> </u>	<u> </u>	<b></b>	0.40	18
		ļ		<u> </u>	ļ.,	ļ	ļ		ļ	ļ	ļ			
42	Lat Ya	1	·	<b>}</b>		<del> </del>	0.40	<del></del>		<b>}</b> _	<b></b>	<b>}</b>	0.40	30
_		2	<del></del>	ļ	<u> </u>	<del> </del>	0.40		<del></del>	<del> </del>	<b> </b>	ļ	0.40	27
	<u> </u>	3		<b> </b>	<u> </u>	<b>}</b> -	0.40	<del></del>	+	<b></b>	<b>}</b>	<b>}</b>	0.40	27
		4		<b> </b>		ļ	0.40	3000	)	<b></b>		<b> </b>	0.40	27
		5		ļ	<b></b> _		<b> </b>	<b></b>	ļ <u>.</u>	ļ	<b> </b>	ļ <u>.</u>	0.40	27
	<del></del>	6			ļ	<del> </del> -	<b>-</b>	<del> </del>	ļ	ļ	<del> </del>	ļ <u>-</u>	0.40	21
		7		<del> </del>	<u></u>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>	<b> </b>	ļ	<del> </del> -	0.40	27
	·	8		1	<u></u>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ	<del> </del>		0.40	21
12	Muban Sethakit	1		ļ		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	ļ	0.40	21
	MINOSTI DECLINATE	2		<del> </del>	<del></del>	<del>}</del>	<b></b>	<del>}</del>		<del> </del>	<del> </del>	}	0.40	9
_		3		ļ		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>		0.40	21
			·	<del> </del>		<del> </del>	┼				1		0.30	
44	Pom Phra Chool	1		<del> </del>			<b></b>		<del> </del>	<u> </u>	0.40	900		
	101	2		<b> </b>		1		<u> </u>	<del>                                     </del>		0.40			
				1		<del>                                     </del>	İ	1	<del> </del>	i	1			
45	Ekachai	1		<b>†</b>		<b></b>	1	<b>——</b>	<del> </del>	<del> </del>	<b></b>		0.40	30
		2				1	1	1	1	<del>                                     </del>		<u> </u>	0.40	30
		3				T	1	1	<del>                                     </del>				0.50	18
		4				1	T	1	1	T		[	0.40	30
-	-	5		1		Γ	T	Ţ	1		[	[	0.65	12
		6		T				T	T		Ι .		0.50	18
						L								
46	Phutthamonthon	1	<u> </u>			1		1			0.40	600		
		2				L					0.40	400		
47	Phahon Yothin	1					0.32		·			<u> </u>	0.40	
_]		2	0.50				0.40				<u> </u>	<u> </u>	0.40	
		3				L	0.40				<u> </u>	<b> </b>	0,40	
]		4	0.50			<u> </u>	0.40			<u> </u>	<b> </b>	<u> </u>	0.40	
		5	0.65				0.40			<u> </u>	ļ		0.40	
		6	0.65			ļ	0.32			ļ	ļ	ļ	0.40	
_]		7	0.65				0.40				<u> </u>	<u></u>	0,40	15
		8	0.50	600			0.40							
		9		<u> </u>			0.40	900	<u> </u>		1	<u> </u>		
						L	<u> </u>	L	ļ		<b> </b>	L	ļI	
48	Intramara	1	L	<u> </u>		<u> </u>	0.40				<b></b>	ļ		
		2				<u></u>	0.40				L	L	J	
- 1		- 3	_	i		1	0.40	2700	. 1					

#### 6-5 List of Cables in BMA at Dec. 1989 (6/7)

				ļ		<u> </u>	1.5		1.53	<u> </u>	1	<b>.</b>	1	
Ex. N	Exchange Name	No.	LTJ ø	Pair	LTJ&AS	P Pair	ASP	Pair	ASP(PE	Pair	ΑP	Pair	AP-FSF	Pair
	1	5	У	1	Y	1 211	0.40	<del>}</del>		1	╁╌┸╌	1	<del> </del>	-
	<u> </u>	6		<u> </u>	<u> </u>	ļ —	0.40			<del> </del>		1	·	<del> </del>
		7					0.40	3000						
				<u> </u>			ļ		ļ	ļ	ļ	ļ		
49	Bang Khen	1		ļ			0.50		<b> </b>	<b></b>	ļ	<del> </del>	0.40	
		3		<del> </del>	ļi		0.40	3000 1200	ļ	<del> </del>	<del> </del>	· <del> </del>	0.40	300
		3	<del></del>	<del> </del>			0.40	1200	<del> </del> -	<del> </del>	<del> </del>	<del> </del>	<del> </del>	
50	Bang Su	1		<del> </del>	<b></b>		0.40	3000		1	<b> </b>	<del> </del>	0.40	270
		2					0.40	1200					0.40	
		3					0.40	3000					0.40	240
		4					0.40	2100		ļ	<u> </u>	ļ		
		5		<del></del>			0.40	1200		ļ	ļ	<b></b>	ļ	ļi
	····	_6 7	<del></del>	<del> </del>	·	<del></del>	0.32 0.40	3600 2400						
		8		<del> </del>	<del>  </del>	· · ·	0.40	2100		<del> </del>	<del> </del>	ļ	<del> </del>	
$\dashv$		9					0.40	2100				<del> </del>	<b></b>	
				<b> </b>						1		<del>                                     </del>		
51	Ngam Wong Wan	1					0.32	3500					0.40	240
		2					0.50	1800					0,40	300
		3					0.40	3000			ļ	<b></b>	0.40	300
		4			<b></b>		ļ			<b></b>	ļ	ļ	0.40	180
52	Don Maren	-			<b>  </b>			1000				ļ	0.50	***
22	Don Muang	1 2					0.40 0.40	1200 3000		ļ		<del> </del>	0.50	180 300
$\dashv$		3					0.40	3000				<del> </del>	0.40	300
		4			·····		l					<b></b>	0.40	210
		1				-		1						
53	Phatuni Thani	1											0.40	240
		2											0.50	60
						·						<u> </u>		17.3
54	Rangsit	-1								-		<b> </b>	0.40	150
		2											0.40	180
551	Lak Si	1					0.40	3000				ļ	0.40	300
الدد	1.21. 31	2					0.40	2700		÷		ļ — — ·	0.40	180
_		3					0.40	1500				<del> </del>	0.70	100
							l							
56	Nonthaburi	1					0.40	2400					0.40	270
.		2					0.40	1200				ļ	0.40	120
		3					0.40	2400				ļ		
62	Ram Inthra	;-					ļI					ļ		
3/ 2	Cam intria	1	——- <u>}</u>								<del></del>		0.40	240
$\dashv$		2										ļ	0.40 0.40	240 120
-+		4					· · · · · ·	<del>-</del>					0.40	240
_		5						<u>-</u>					0.40	180
$\top$											-		3.10	
58 [	at Phrao 1	1					0.40	3000					0.40	240
$\perp$		2					0.40	3000					0.40	300
_		3					0.40	2400					0.40	270
$\dashv$		4					0,40	1200					0,40	270
501	al Phrao 2								I					A=-
29	at Lurao S	2					0.40	3000 2400					0.40	270
+	<del>-</del>	3					0.40	3000	<del>  </del>		<del></del>		0.40	300
+		4					0.40	2000	<del></del>				0.40	300
	<u> </u>	5		1	• +						·		0.40	240
		6											0.40	270
60 F	akkret	i											0.40	180
-		2									. :	ļ	0.40	240
						·					· · ·		[	
0110	Chacngwattana	1											0.40	240
		3										1 1	0.40	180
+		4											0.50	240
-													0,40	240
62 1	hanyahuri	1									0.65	900		
		2										700		

#### 6-5 List of Cables in BMA at Dec. 1989 (7/7)

	Source ; Progress		7	1	1		1	Ţ	1	7				
	Exchange Name		LTJ		LTJ&AS	P	ASP	<u> </u>	ASP(PI	II)	AP		AP-FSF	
Ex. N	ło.	No.	•	Pair	•	Pair	þ	Pair	ø	Pair	þ	Pair	¢	Pair
7.					100								[	
63	Nawanakhon	1											0.40	3000
		2				T		T					0.40	2400
							1							
64	Muang Ek	1									0.40	600		
		_2									0.40	600		
						Ι					T			
65	Central Plaza	1		Γ			I -						0.40	1200
								I						
66	Thungsikan	1					L						0.40	2400
		2			]								0.40	1800
				L	l	l	L			l				
67	Bang Bua Thong	1									0.40	600		
		2			1		1	[	1		0.50	600		

Line Length from Exchanges to Drop Points

Source: Progress Report of Investigation on Local Cable Network for ISDN

No.	Accumulated	Line length
	Distribution (%)	(m)
1	0.5%	
$\frac{2}{3}$	1.0% 1.5%	
4	2.0%	
5	2.5%	325
6	3.0%	345
7 8	3.6%	398 412
9	4.1% 4.6%	412
10	5.1%	454
11	5.6%	475
12	6.1%	495
13 14	6.6% 7.1%	539 605
15	7.6%	634
16	8.1%	688
17	8.6%	691
18	9.1%	720
19 20	9,6% 10.2%	737 750
21	10.7%	757
22	11.2%	767
23	11.7%	770
24	12.2%	770
25	12.7%	777
26 27	13.2% 13.7%	802 829
28	14.2%	874
29	14.7%	908
30	15.2%	910
31	15.7%	921
32	16.2% 16.8%	937 946
34	17.3%	949
35	17.8%	959
36	18.3%	962
37	18.8%	977
38	19.3% 19.8%	992 997
40	20.3%	1,025
41	20.8%	1,030
42	21.3%	1,050
43	21.8%	1,050
44	22.3% 22.8%	1,098
46	23.4%	1,105 1,106
47	23.9%	1,110
48	24.4%	1,124
49	24.9%	1,158
50 51	25.4% 25.9%	1,159
52	25.9%	1,159
53	26.9%	1,178
54	27.4%	1,197
55	27.9%	1,207
56	28.4%	1,225
57 58	28.9% 29.4%	1,267
59	29.9%	1,274
60	30.5%	1,280
61	31.0%	1,291
62	31.5%	1,351
63 64	32.0% 32.5%	1,370 1,380
65	33.0%	1,411
66	33.5%	1,414
67	34.0%	1,418
68 60	34.5%	1,432
69]	35.0%	1,452

No.	Accumulated Distribution (%)	Line length
70	35.5%	(n 1,46
71	36.0%	
72	36.5%	
73	37.1%	
74	37.6%	
75		
76 77	38.6% 39.1%	
78	39.6%	1,20
79	40.1%	1,59
80		1,60
81	41.1%	1,61
82	41.6%	
83	42.1%	1,64
84	42.6%	1,67
85	43.1%	1,67
86] 87	43.7% 44.2%	1,68
83	44.7%	1,68
89	45.2%	1,720
90	45.7%	1,72
91	46.2%	1,73
92	46.7%	1,756
93	47.2%	1,760
94	47.7%	1,779
95	48.2%	1,781
96	48.7%	1,788
97 98	49.2% 49.7%	1,806 1,820
99	50.3%	1,824
100	50.8%	1,842
101	51.3%	1,855
102	51.8%	1,905
103	52.3%	1,929
104	52.8%	1,963
105	53.3%	1,968
106	53.8%	2,007
107	54.3% 54.8%	2,021
109	55.3%	2,027 2,045
110	55.8%	2,079
111	56.3%	2,088
112	56.9%	2,090
113	57.4%	2,103
114	57.9%	2,145
115	58,4%	2,146
116	58.9%	2,150
117	59.4% 59.9%	2,150
119	60.4%	2,158 2,191
120	60.9%	2,191
121	61.4%	2,231
122	61.9%	2,241
123	62.4%	2,241
124	62.9%	2,300
125	63.5%	2,332
126	64.0%	2,342
127	64.5%	2,361
128	65.0%	2,362
130	65.5% 66.0%	2,370
131	66.5%	2,379 2,435
132	67.0%	2,433 2,461
133	67.5%	2,484
134	68.0%	2,505
135	68.5%	2,560
136	69.0%	2,563
137	69.5%	2,575
138	70.1%	2610

		1	
J	No.	Accumulated	Line length
		Distribution (%)	(n)
Į	139		
ļ	140	71,19	
ļ	141	CASHER ASSISTANCE OF CASE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN CASE AND ADDRESS OF THE PER	- driver and the party of the last of the
ļ	142		
ŀ	143	72.69	
ŀ	144	73.19	
ŀ	145		
ŀ	146 147		
ŀ	148	74.69 75.19	
ŀ	149	75.69	
ŀ	150	76.19	
ŀ	151	76.69	
ľ	152	77.29	
ľ	153	77.79	
	154	78.29	
Ľ	155	78.79	
L	156	79.29	3,041
L	157	79.79	3,063
L	158	80,2%	3,071
Ļ	159	80.79	
Ļ	160	81.2%	
Ļ	161	81.7%	
L	162	82.29	
_	163	82.7%	
٠.	164	83.2%	
-	165 166	83.8%	_
-	167	84.3% 84.8%	
-	168	85.3%	
_	169	85.8%	
_	170	86.3%	
	171	86.8%	
•	172	87.3%	
_	173	87.8%	
_	174	88.3%	
	175	88.8%	
_	176	89.3%	
	177	89.8%	
_	178	90.4%	3,833
_	179	90.9%	3,874
-	180	91.4%	3,937
-	181	91.9%	4,604
-	182	92.4%	4,028
-	183	92.9%	4,098
_	184	93.4%	4,159
-	186	93.9% 94.4%	4,160 4,205
_	187	94.9%	4,220
_	188	95.4%	4,220
_	189	95.9%	4,313
_	190	96.4%	4,574
	191	97.0%	4,769
_	192	97.5%	5,184
_	193	98.0%	5,245
_	194	98.5%	5,434
_	195	99.0%	5,824
•	196	99.5%	6,036
_	197	100.0%	7,117
_			
-			
-			
•			
-			
-			···
-			
•			

Drop Wire Length

Source: Progress Report of Investigation on Local Cable Network for ISDN

No.	Accumulated	DW length
	Distribution (%)	(m)
	0.7%	2 5
<u>2</u> 3	1,4% 2,1%	5
4	2.8%	5
5	3.4%	8
6		
7	4,8%	10
8	5.5%	10
9	6.2%	10
10	6.9%	
11		10
12		
13		12
14		
15 16		15
—— <u>10</u>		
18	***************************************	
19		
20		
21		20
22	15.2%	20
23		20
24		
2.5		20
26		
27		
28		-
29 30		
31		
32		
33		·
34		A
35	· · · · · · · · · · · · · · · · · · ·	
36	24.8%	
37	25.5%	30
38	26.2%	
39		
40		
41		30
42		
<u>43</u>		
44 45		
45		
47		
48		
49		
50		
51		50
52		50
53		50
54		
55		
56	38.6%	
57		
<u>58</u>		
<u>59</u>		
60		
61 62		
63		
64		
65		
66		·
67		
	The second second second	
68	46.9%	50

No.	Accumulated	DW length
110.	Distribution (%)	(m)
70	48.3%	50
71	49.0%	50
72	49.7%	50
73	50.3%	50
74	51.0%	50
75	51.7%	50
76	52.4%	50
<u>71</u> 78	53.1% 53.8%	50 50
—— <u>/°</u>		50
80		
81		
82		60
83	57.2%	70
84	57.9%	
85	58.6%	70
86		
87		
88		
89		<del></del>
90 91	**************************************	100
91	The second second second	***************************************
93		
94		
95		<del></del>
96		
97		
98	67.6%	100
99	68.3%	100
100		
101		
102		<del></del>
103	4	•
104 105		<del></del>
106	<del></del>	***************************************
107		
108		
103	75.2%	100
110	75.9%	100
111		100
112		<u> </u>
113		
114		
115		
116		
118		
119		
120		[
121		
122	AND RESIDENCE OF THE PERSON NAMED IN COLUMN 1	
123	84.8%	
124	<del></del>	
125		
126		
127		
128		
129		
130 131		
132		
132		
134		
135		2
136		
137	The state of the s	-
138		

No.	Accumulated	DW length
	Distribution (%)	(m)
139	95.9%	200
140 141	96.6% 97.2%	200 200
142	97.9%	300
143	98.6%	300
144	99.3%	300
145	100.0%	400
<u> </u>		
1		
} <del>-</del>	}	
	<u> </u>	1
<u></u>		
	<del> </del>	<b> </b>
}	<del> </del>	<del> </del>
<b> </b>	<u> </u>	
	<u> </u>	
}	<del> </del>	<del> </del>
<b> </b>	<del> </del>	
	1	
	ļ	
<u> </u>		<b></b>
	<del> </del>	
<u></u>	<u></u>	
-		
}	<b> </b>	<b> </b>
<del> </del>	<del> </del>	<b> </b>
1	<u> </u>	
<u> </u>	<b> </b>	
-	<del> </del>	<del> </del>
-	<b>†</b>	
<b></b>	<b>!</b>	<b> </b>
	<b></b>	
		<b> </b>
	<b>†</b>	<del> </del>
	I	
	<u> </u>	
L	L	<b></b>

Loop Resistance

Source : Progress Report of Investigation on Local Cable Network for ISDN

NT.	Accumulated	Loop Resistance	No.	Accumulated	Loop Resista	nce No.	Accumulated	Loop Resistan
No.	Distribution (%)	(Ω)	110	Distribution (%)	(Ω)		Distribution (%)	(0)
1	0.5%	17	7(		412	139	67.5%	683
2	1.0%	55	71	34.5%		140	68.0%	683
3	1,5%	61	72		420	141	68.4%	687
4	1.9%	61	73		430	142	68.9%	689
5	2.4%	61	74		435	143	69,4%	693
6	2.9%	85	75		440	144	60.9%	698 698
7	3,4%	88	76		443	145 146	70,4% 70.9%	700
8	3.9%	117	77		449	147	71.4%	700
9	4,4%	120	78		450 450	148	71.8%	700
10	4.9%	131 134	80		450	149		701
11	5.3%	140	81		451	150	72.8%	712
12 13	5.8% 6.3%	141	82	And the supplemental to th	458	151	73.3%	731
13	6.8%	150	83		460	152	73,8%	732
15	7.3%	151	84		462	153	74.3%	734
16	7.8%	153	85		462	154	74.8%	737
17	8.3%	158	86		462	155	75.2%	746
18	8.7%	163	87	42.2%	464	156		747
19	9.2%	174	88	42.7%	470	157	76.2%	748
20	9.7%	179	89		470	.158	76.7%	758
21	10.2%	180	90	the state of the s	470	159	77.2%	761
22	10,7%	200	91		470	160	77.7%	761
23	11.2%	205	92		471	161	78.2%	765
24	11.7%	208	93		476	162	78.6%	765
25	12.1%	217	94		490	163	79.1%	768
26	12.6%	217	95		491	164	79.6%	771
27	13.1%	221	96	The second of the second secon	496	165	80.1% 80.6%	798
28	13.6%	221	97		500 500	166 167	81.1%	800
29	14.1%	223 224	98		508	168	81.6%	800
30	14.6% 15.0%	225	100		508	169		804
32	15.5%	230	101		512	176		810
33	16.0%	238	102		512	171		811
34	16.5%	240	103		515	172		812
35	17.0%	247	104		4	173		812
36	17.5%	251	105		519	174	84.5%	817
37	18.0%	260	106		520	175	85.0%	830
38	18.4%	264	107	51.9%	529	176	85.4%	830
39	18.9%	278	108	52.4%	530	177	85.9%	836
40	19.4%	285	109		535	178		848
41	19.9%	300	110		544	179		858
42	20.4%	305	111		<del></del>	180		The rest of the last of the la
43	20.9%	305	117	and the second second		181	87.9%	866
44	21.4%	310	113	<del></del>	558	182		
45	21.8%	323	114			183		
46	22.3%	325	115			184 185	23.0.0	1
47	22.8%	330	116		-	186		
48	23.3% 23.8%	331	118		<del></del>	187	-	-
49 50	24.3%	338	119	<del></del>	¢	188		
51	24.8%	341	120	· · · · · · · · · · · · · · · · · · ·		189		
52	25.2%	345	12			190		
53	25.7%	363	127			191		
54	26.2%	364	123			192		4
55	26.7%	372	124			193		The second second second
56	27.2%	373	125		<del></del>	, , , , , , , , , , , , , , , , , , , ,		1,006
57	27.7%	374	126		4	193		
58	28.2%	380	127	61.7%	600	196		
59	28.6%	386	123		602	197		
60	29.1%	389	129	62.6%	614			
61	29.6%	397	130			2		
62	30.1%	398	131			200		
63	30.6%		133					
64	31.1%		13:			20%		
65	31.6%		134			20:		
66	32.0%		13			•	representative description of the latter of	
67	32.5%		130	the state of the same of the s		20.		
- 40	33.0%	408	13	7 66.5%	680	20	100.09	1,270
68 69	33.5%	412	130		680	, ,		1 1

Line Loss at 80kHz

Source; Progress Report of Investigation on Local Cable Network for ISDN

No.	Accumulated	Line Loss at
	Distribution (%)	80kHz (dB)
1	0.5%	1.58
2	1.0%	1.93
3	1.5%	1.94
4 5	2.0% 2.5%	1.96 2.48
6	3.0%	2.88
7	3.5%	3.04
8	4.0%	3.90
9	4.5%	4.73
10	5.0%	4.96
11	5.5%	5.45 5.76
12 13	6.0% 6.5%	5.78
14	100000000000000000000000000000000000000	5.95
15	7.5%	6.18
16	8.0%	7.00
17	8.5%	7.20
18	9.0%	7.35
19	9.5%	7.38
20	10.1% 10.6%	7,96 8.05
$\frac{21}{22}$	11.1%	8.13
23		8.45
24	12.1%	8.50
25	12.6%	8.60
26	13.1%	8.98
27	13.6%	9.00
28 29	14.1% 14.6%	9.25 9.31
30	15.1%	9.70
31	15.6%	9.75
32	16.1%	9.81
33	16.6%	9.95
34	17.1%	10.32
35	17.6%	10.63
36 37	18.1% 18.6%	10.65
38	19.1%	10.95
39	19.6%	10.95
40	20.1%	11.00
41	20.6%	The same of the last of the la
42	21.1%	11.23
43 44	21.6% 22.1%	11.58 11.85
45	22.6%	11.93
46		
47		
48		12.60
49		13.10
50		13.42
51 52	25.6% 26.1%	13.65 13.65
53		
54	£	13.85
55		14.10
56	28.1%	14.15
57		14.29
58		14.33
59		14.37
60 61		14.67 14.70
62		14.88
63		15.00
64	32.2%	15.15
65		15.25
66		15.40
67		
68 69		
- 03	34,770	16.29

No.	Accumulated	Line Loss at
	Distribution (%)	80kHz (dB)
70 71	35.2% 35.7%	16.30 16.50
72		16.68
73	36.7%	16.85
74	37.2%	17.02
75 76	37.7% 38.2%	17.30 17.50
77	38.7%	17.50
78	39.2%	17.60
79 80	39.7% 40.2%	17.76
81	40.2%	18.00 18.17
82	41.2%	18.25
83	41.7%	18.45
84 85	42.2% 42.7%	18.55 18.60
86		18.65
87		18.72
88	44.2%	18.75
89 90	44.7% 45.2%	18.75 18.90
91		18.91
92	46.2%	19.50
93		19.52
94 95	47.2% 47.7%	19.65 19.68
. 96		19.93
97	48.7%	
98	<del></del>	20.15
99 100		20.22 20.38
101		20.85
102	51.3%	21.35
103		21.40
104 105		21.48 21.57
106		
107	The second section is not the second	22.02
108		22.17 22.25
110	·	
111		
112	the same of the sa	
113 114		22.56 22.72
115		
116		23.18
117		
118 119		
120		7
121		
122		·
123 124		
125	62.8%	·
126		
127		*
128 129		
130		
131	65.8%	26.60
132		
133 134		<del></del>
135		
136		
137		
138	69.3%	27.23

No.	Accumulated	Line Loss at
	Distribution (%)	80kHz (dB)
139 140	69.8% 70.4%	
141	70.9%	
142	71.4%	
143	71.9%	
144 145	72.4% 72.9%	28.80 28.95
146	73.4%	28.98
147	73.9%	29.07
148	74.4%	29.20
149 150	74.9% 75.4%	29.50 29.62
151		29.63
152	76.4%	29.67
153 154		29.80
155		29.95 30.10
156		
157		
158 159		
160		30.70 31.04
161		
162	81.4%	31.45
163	<del></del>	
164 165		<del></del>
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167		
168	84.4%	33,86
169		
170		34,84
171 172		
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174		
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176		36.30 36.55
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191	·	
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194		\$
195		·
196	98.5%	46.95
197		
198		<b>†</b>
172	100.0%	103.20
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Line Loss at 160 kHz

Source; Progress Report of Investigation on Local
Cable Network for ISDN

No.	Accumulated	Line Loss at
	Distribution (%)	160kHz (dB)
1 2	0.5% 1.0%	1.65 2.05
3	1.5%	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN
4	2.0%	2.41
5	2.5% 3.0%	3,19 3.78
6	3.5%	3.85
8	4.0%	4.95
9		5.88
10 11	5.0% 5.5%	7.04
12		7.10
13	6.5%	7.10
14		7,23
15 16		8.35
17	8.5%	8.52
18	9.0%	8.75
19 20	9.5% 10.0%	8.86 9.55
20 21		9.62
22	11.0%	9.78
23	11.5%	10.13
24 25	12.0% 12.5%	10.20 10.30
26	13.0%	10.50
27	13.5%	
28	14.0%	10.85
29 30	14.5% 15.0%	11.04
31	15.5%	11.77
32	16.0%	11.85
33 34	16.5% 17.0%	11.95 12.10
35	17.5%	12.18
36	18.0%	12.50
37	18.5%	12.55
38 39	19.0% 19.5%	12.57 12.60
40	20.0%	12.70
41	20.5%	13.31
42	21.0%	13.57
43	21.5% 22.0%	13.97
45	22.5%	14.78
46		
47	23.5% 24.0%	14.80 15.92
48 49	24.5%	16.04
50	25.0%	16.23
51	25.5%	16.25
52 53	26.0% 26.5%	16.25 16.65
54	27.0%	16.78
55	27.5%	16.90
56	28.0%	17.10
57 58		17.10 17.17
59	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN	17.30
60	30,0%	17.39
61	30.5%	17.40
62 63		17.50 17.65
64		17.95
65	32.5%	18,10
66		
67 68		
69	7-1-7	

No.	Accumulated	Line Loss at
	Distribution (%)	160kHz (dB)
70	35.0%	19.50
71	35.5%	19.67
72	36.0%	19.73
73		19.85
74	37.0%	19.94
75	37.5%	19.95
76	38.0%	20.50
77	38.5%	20.58
78 79	39.0% 39.5%	20.80 20.94
80	40.0%	21.15
81	40.5%	21.18
82	41.0%	21.40
83	41.5%	21.62
84	42.0%	21.81
85	42.5%	21.96
86	43.0%	22.00
87	43.5%	22.15
88	44.0%	
89	44.5%	22.45
90	45.0%	22.75
91	45.5%	22.82
92	46.0%	22.88
93 94	46.5% 47.0%	22.95 23.15
95	47.5%	23.17
96	48.0%	23.27
97		23.50
98	49.0%	23.52
99		23.68
100	50.0%	23.75
101	50.5%	24.33
102	51.0%	24.65
103		24.73
104		25.48
105		25.50
106	ASSESSMENT OF THE PERSON NAMED IN	25.67
107		The second second
109		
110	55.0%	25.95
111		26.15
112		26.23
113	56.5%	26.45
114		26.95
115	57.5%	26.97
116	58.0%	27.00
117		
118		27.63
119	,	27.80
120	the state of the s	27.90
121		28.00
122		28.45
123 124		28.50 28.52
125		28.60
126		28.70
127		
128		29.18
129		29,45
130		
131		
132		
133	66.5%	31.25
134		
135		ASSESSMENT OF THE PARTY OF THE
136		
137		
138	69.0%	31.75

No.		Line Loss at
100	Distribution (%)	160kHz (dB)
139	69.5%	31.75
140	70,0%	31.83
THE OWNER OF THE OWNER OWNER OF THE OWNER O	70.5%	31.96
141		32.28
142	71.0%	
143	71.5%	32.35
144	72.0%	32.65
145	72.5%	33,85
146	73.0%	34.00
147	73.5%	34.05
	74,0%	34.23
148		34.38
149	74.5%	The second name of the local division in which the local division is not to the local division in which the local division is not to the local division in which the local division is not to the local division in which the local division is not to the local division in which the local division is not to the local division in which the local division is not to the local division in the local division is not to the local division in the local division is not to the local division in the local division is not to the local division in the local division in the local division is not to the local division in the local division is not to the local division in the local division is not to the local division in the local division in the local division is not to the local division in the local division in the local division is not to the local division in t
150	75.0%	34.50
151	75.5%	34.60
152	76.0%	34.77
153	76.5%	34.85
154	77.0%	34.87
155	77.5%	34.94
	The second named in column 2 is not to the second	35.10
156	78.0%	
157	78.5%	35.14
158	79.0%	35.28
159	79.5%	35.85
160	80.0%	36.02
161	80.5%	36.05
162	81.0%	36.40
		36.61
163		
161		36.96
165	82.5%	37.15
166	83.0%	38.27
167	83.5%	38.37
168	84.0%	39.78
169		
170		
171	85.5%	
172		
173	86.5%	40.71
174	87.0%	41.37
175	87.5%	41.65
176	88.0%	
177	<del></del>	
178		
179	89.5%	
180	90.0%	43,00
181	90.5%	43.03
182	91.0%	44.25
183	91.5%	44.30
		45.45
184		45.35
185	T	15.55
186		
187		
188	94.0%	
189	94.5%	
190	95.0%	47.58
191		
192		
193		19,30
194		
195		
196	98.0%	51.40
197		54.12
198		
199		
the Person named in		
200	100.0%	11320
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AC Voltage

Source; Progress Report of Investigation on Local Cable Network for ISDN

of the law of the law of		-
No.		AC Voltage
	Distribution (%)	(V)
1	0.5%	0.000
<u>2</u>	1.0%	And the second second
4	1.4% 1.9%	0.000
5	2.4%	
6	2.9%	0.000
7	3.4%	
8	3.8%	0.000
9	4.3%	0.000
10	4.8%	0.000
11	5.3%	0.000
12	5.8%	0,000
13	بسنسيريك بسيباتك بسيب	
14		0.000
15		
16 17	7.7% 8.2%	0.000
18		
19		0.000
20		
21		
22		
23		
24	11.5%	0.000
25	12.0%	0.000
26	12.5%	0.000
27		
28		
29		
30		0.000
31 32		
33	**************************************	*
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36		+
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38	18.3%	0.000
39	18.8%	0.000
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- 44		
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46 47		
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52		***************************************
53		
54	26.0%	
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64	And in case of the last of the	7
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		Appropriate Assessment of the Person of the
68	32.7%	0.000

No.	Accumulated	AC Voltage
- 100	Distribution (%)	(Y)_
70		0.000
7		0.000
72		0.000
73	The same of the last of the la	0.000
7/		0.000
7		0.000
70		0.000
7		0.000
7:	The same of the sa	0.000
79		0.000
81		
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8	<del></del>	
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8	7 41.8%	
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	9 42.8%	
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	8 47.1%	·
	9 47.6%	
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	1 63.0%	
13		
13		
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13		
13		
L 13	8 66.3%	0.000

No	Accumulated	AC Voltage
100.	Distribution (%)	(V)
139	66.8%	0.000
140	67.3%	0.000
141		0.000
142		0.000
143		0.000
144 145		0.001
146		0.001
147		0.002
148	71.2%	0.010
149		0.010
150		0.010
151		0.010 0.010
152 153		
154		
155		
156	Ž	
157	75.5%	0.010
158		
159		
160		
162		
163	<del></del>	
164	<del>,</del>	
165	79.3%	0.010
166		
167	7	
169		
170	<del></del>	
171		Contract of the Party of the Pa
172		
173	83.2%	0.010
174		A
175		
177		
178	3	<del></del>
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180		0.010
181	87.0%	0.020
182		
183		
184		0.020
185 186		
187		<del></del>
188		
189	7	
190		Y
191	Carried Street, Square, Square	7
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193 194		
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200	The second secon	7
201	The state of the s	
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200		
207 - 2	08	1.400

DC Voltage

Source; Progress Report of Investigation on Local Cable Network for ISDN

No.	Accumulated	DC Voltage
INO.	Distribution (%)	(V)
1	0.5%	
2	1.0%	
3	1.5% 2.0%	0.000
- 4 5	2.5%	0.000
6	2.9%	0.000
7	3,4%	0.000
8	3.9%	0.000
9 10	4.4%	0.000
11	5.4%	0.000
12	5.9%	0.000
13	6.4%	0.000
14 15	6.9% 7.4%	0.000
16	7.8%	0.000
17	8.3%	0.000
18	8.8%	0.000
19	9.3%	0.000
26 21	9.8% 10.3%	0,000
22	10.8%	0.000
23	11.3%	0.000
24	11.8%	0.000
25	12.3%	0.000
26 27	12.7% 13.2%	0.000
28	13.7%	0.000
29	14.2%	0.000
30	14.7%	0.000
31	15.2%	0.000
32 33	15.7% 16.2%	0.000
34	16.7%	0.000
35	17.2%	0.000
36	17.6%	0.000
37	18.1% 18.6%	0.000
39	19.1%	0.000
40	19.6%	0.000
41	20.1%	0.000
42	20.6%	0.000
43	21.1% 21.6%	0.000
45	22.1%	0.000
46	22.5%	0.000
47	23.0%	0.000
48	23.5%	0.000
49 50	24.0% 24.5%	0.000
51	25.0%	0.000
52	25,5%	0.000
53	26.0%	0.000
54	26.5%	0.000
55 56	27.0% 27.5%	0.000
57	27.9%	0.000
58	28.4%	0.000
59	28.9%	0,000
60	29.4%	0.000
61	29.9% 30.4%	0.000
63	30.9%	0.000
64	31.4%	0.000
65	31.9%	0.000
66	32.4%	0.008
67 68	32.8% 33.3%	0.010
69	33.8%	0.010

No.   Accumulated   DC Voltage   Distribution (%)   (V)   (V	-		
70	No.	Accumulated	DC Voltage
71	70		
72 35.3% 0.010 73 35.8% 0.010 74 36.3% 0.010 75 36.8% 0.010 76 37.3% 0.013 77 37.7% 0.020 78 38.2% 0.020 80 39.2% 0.020 81 39.7% 0.020 82 40.2% 0.020 83 40.7% 0.020 84 41.2% 0.020 85 41.7% 0.020 86 42.2% 0.020 87 42.6% 0.020 88 43.1% 0.020 89 43.6% 0.020 99 44.1% 0.020 91 44.6% 0.030 92 45.1% 0.030 93 45.6% 0.030 94 46.1% 0.030 95 46.6% 0.030 96 47.1% 0.030 97 47.5% 0.030 98 48.5% 0.030 99 48.5% 0.030 100 49.0% 0.030 101 49.5% 0.030 102 50.0% 0.030 103 50.5% 0.040 104 51.0% 0.040 105 51.5% 0.040 106 52.0% 0.030 107 52.5% 0.040 108 52.9% 0.050 110 53.4% 0.050 111 54.4% 0.050 112 54.9% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.050 116 57.4% 0.050 117 57.4% 0.050 118 57.8% 0.050 119 58.8% 0.050 110 53.9% 0.050 111 54.4% 0.050 112 54.9% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.050 116 56.9% 0.050 117 57.4% 0.050 118 57.8% 0.050 119 58.8% 0.050 110 53.9% 0.050 111 54.4% 0.050 112 59.3% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.050 116 56.9% 0.060 117 57.4% 0.060 118 57.8% 0.060 119 58.8% 0.060 110 122 59.8% 0.060 112 59.3% 0.060 113 66.7% 0.100 133 66.2% 0.100 133 65.2% 0.100 134 65.7% 0.100 135 66.2% 0.100 137 67.2% 0.110			
73 35.8% 0.010 74 36.3% 0.010 75 36.8% 0.010 76 37.3% 0.013 77 37.7% 0.020 78 38.2% 0.020 80 39.2% 0.020 81 39.7% 0.020 82 40.2% 0.020 83 40.7% 0.020 84 41.2% 0.020 85 41.7% 0.020 86 42.2% 0.020 87 42.6% 0.020 88 43.1% 0.020 89 43.6% 0.020 90 44.1% 0.020 91 44.6% 0.030 92 45.1% 0.030 93 45.6% 0.030 94 46.1% 0.030 95 46.6% 0.030 96 47.1% 0.030 97 47.5% 0.030 98 48.0% 0.030 99 48.5% 0.030 100 49.0% 0.030 101 49.5% 0.030 102 50.0% 0.030 103 50.5% 0.040 104 51.0% 0.040 105 51.5% 0.040 106 52.0% 0.030 107 52.5% 0.040 108 52.9% 0.050 110 53.4% 0.050 111 54.4% 0.050 112 54.9% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.050 116 56.9% 0.050 117 57.4% 0.050 118 57.8% 0.050 119 58.8% 0.050 110 53.9% 0.050 111 54.4% 0.050 112 54.9% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.050 116 56.9% 0.060 117 57.4% 0.060 118 57.8% 0.050 119 58.8% 0.050 121 59.3% 0.050 122 59.8% 0.050 123 60.3% 0.050 124 60.8% 0.050 125 61.3% 0.050 126 61.8% 0.050 127 62.3% 0.100 133 65.2% 0.100 134 65.7% 0.100 135 66.2% 0.100 135 66.2% 0.100 136 66.7% 0.110 137 67.2% 0.110			
75	***************************************		
76         37.3%         0.013           77         37.7%         0.020           78         38.2%         0.020           79         38.7%         0.020           80         39.2%         0.020           81         39.7%         0.020           82         40.2%         0.020           83         40.7%         0.020           84         41.2%         0.020           85         41.7%         0.020           86         42.2%         0.020           87         42.6%         0.020           89         43.6%         0.020           89         43.6%         0.020           90         44.1%         0.030           91         44.6%         0.030           92         45.1%         0.030           93         45.6%         0.030           94         46.1%         0.030           95         46.6%         0.030           97         47.5%         0.030           98         48.0%         0.030           99         48.5%         0.030           99         48.5%         0.030	74	36.3%	0.010
77	75	36.8%	0.010
78	76		
79 38.7% 0.020 80 39.2% 0.020 81 39.7% 0.020 82 40.2% 0.020 83 40.7% 0.020 84 41.2% 0.020 85 41.7% 0.020 87 42.6% 0.020 88 43.1% 0.020 89 43.6% 0.020 90 44.1% 0.020 91 44.6% 0.030 92 45.1% 0.030 93 45.6% 0.030 95 46.6% 0.030 96 47.1% 0.030 97 47.5% 0.030 98 48.0% 0.030 99 48.5% 0.030 99 48.5% 0.030 100 49.0% 0.030 101 49.5% 0.030 102 50.0% 0.030 103 50.5% 0.040 105 51.5% 0.040 106 52.0% 0.040 107 52.5% 0.040 108 52.9% 0.050 110 53.9% 0.050 111 54.4% 0.050 112 54.9% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.050 116 56.9% 0.050 117 57.4% 0.050 118 57.8% 0.050 119 58.3% 0.050 110 58.3% 0.050 111 55.4% 0.050 112 59.3% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.060 116 56.9% 0.060 117 57.4% 0.050 118 57.8% 0.060 119 58.3% 0.050 110 58.3% 0.060 111 57.4% 0.050 112 59.3% 0.050 113 55.4% 0.050 114 55.9% 0.050 115 56.4% 0.060 116 56.9% 0.060 117 57.4% 0.060 118 57.8% 0.060 119 58.3% 0.060 120 58.8% 0.070 121 59.3% 0.060 122 59.8% 0.060 133 66.7% 0.100 133 66.7% 0.100 133 66.7% 0.100 134 65.7% 0.100 135 66.2% 0.100 137 67.2% 0.110			
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105         51.5%         0.040           106         52.0%         0.040           107         52.5%         0.040           108         52.9%         0.050           109         53.4%         0.050           110         53.9%         0.050           111         54.4%         0.050           112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.080           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0			
107         52.5%         0.040           108         52.9%         0.050           109         53.4%         0.050           110         53.9%         0.050           111         54.4%         0.050           112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0	105	51.5%	0.040
108         52.9%         0.050           109         53.4%         0.050           110         53.9%         0.050           111         54.4%         0.050           112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.060           122         59.3%         0.070           122         59.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           132         64.7%         0	106	52.0%	0.040
109         53.4%         0.050           110         53.9%         0.050           111         54.4%         0.050           112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0	107		
110         53.9%         0.050           111         54.4%         0.050           112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0			
111         54.4%         0.050           112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.7%         0.110           137         67.2%         0.110			
112         54.9%         0.050           113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           130         63.7%         0.100           131         64.2%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           135         66.2%         0.100           137         67.2%         0.110			
113         55.4%         0.050           114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0			
114         55.9%         0.050           115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.3%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
115         56.4%         0.060           116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           135         66.2%         0.100           137         67.2%         0.110			
116         56.9%         0.060           117         57.4%         0.060           118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
118         57.8%         0.060           119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.083           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
119         58.3%         0.060           120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
120         58.8%         0.070           121         59.3%         0.070           122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
121         59,3%         0.070           122         59,8%         0.080           123         60,3%         0.080           124         60,8%         0.083           125         61,3%         0.100           126         61,8%         0.100           127         62,3%         0.100           129         63,2%         0.100           130         63,7%         0.100           131         64,2%         0.100           132         64,7%         0.100           133         65,2%         0.100           134         65,7%         0.100           135         66,2%         0.100           136         66,7%         0.110           137         67,2%         0.110			
122         59.8%         0.080           123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           130         63.2%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
123         60.3%         0.080           124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			Market Street,
124         60.8%         0.083           125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			***************************************
125         61.3%         0.100           126         61.8%         0.100           127         62.3%         0.100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
126         61.8%         0.100           127         62.3%         0,100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
127         62.3%         0,100           128         62.7%         0.100           129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			***************************************
129         63.2%         0.100           130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
130         63.7%         0.100           131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
131         64.2%         0.100           132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110		~~~~	
132         64.7%         0.100           133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
133         65.2%         0.100           134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
134         65.7%         0.100           135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
135         66.2%         0.100           136         66.7%         0.110           137         67.2%         0.110			
136 66.7% 0.110 137 67.2% 0.110			
137 67.2% 0.110			
Carried State of the Party of t			
		CANADA CONTRACTOR OF THE PARTY	

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No.	Accumulated	DC Voltage
120	Distribution (%)	(V)
139	68.1%	0,110 0,114
140 141	68.6% 69.1%	0.120
142	69.6%	0.130
143	70,1%	0.130
144	70.6%	0.140
145	71.1%	0.140
146	71.6%	0.150
147	72.1%	0.180
148	72.5%	0.180
149	73.0%	0.200
.150	73.5%	0.200
151	74.0%	0.200
152	74.5%	0.200
153	75.0%	0.220
154	75.5%	0.240
155	76.0%	0.280
156	76.5% 77.0%	0.290 0.300
157	77.5%	0.300
159	77.9%	0.300
160	78.4%	0.300
161	78.9%	0.300
162	79.4%	0.300
163	79.9%	0.300
164	80.4%	0.330
165	80.9%	0.350
166	81.4%	0.350
167	81.9%	0.354
168	82.4%	0.370
169	82.8%	0.370
170	83.3%	0.380
171	83.8%	0.400
172	84.3%	0.400
173	84.8%	0.450
174 175	85.3% 85.8%	0.500
176	86.3%	0.500
177	86.8%	0.500
178	87.3%	0.500
179	87.7%	0.600
180	88.2%	0.600
181	88.7%	0.600
182	89.2%	0.600
183	89.7%	0.680
184		0.700
185		0.800
186		0.900
187	91.7%	1.000
188	92.2%	1.000
189	92.6%	1.000
190	93.1% 93.6%	1.000
191 192	93.6% 94.1%	1.000 1.000
193	94.6%	1.250
194	95.1%	1.300
195	95.6%	1.300
196	96.1%	1.500
197	96.6%	1.700
198		1.800
199	97.5%	2.000
200	98.0%	2.400
201	98.5%	2.800
202	99.0%	4,600
203	99.5%	6.430
204	100.0%	10.500
<b> </b>	1.00	***************************************
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Line Length from Exchanges to Subscribers and

Source; Progress Report of Investigation on Local Cable Network

nbinar	ion of Conductor Diameters	for IS
	The state of the s	***************************************

Conductor Diameter						
No.	0.32	0.4	0.5	0.65	0.9	Total Length
1	507	127				634
2	507	230				737
3	809	241				1,050
4	507	1,017				1,524
5	993	650				1,643
6	507	1,249		-		1,756
7	507	1,855				2,362
8		244				244
9		325				325
10		325				325
11		325				325
12		345				345
13		398				398
14		420				420
15		454	·			454
16		539				539
17		605				605
18		720				720
. 19		750				750
_20		770				770
21		777			ļ	777
22		801				801
23		874		<u></u>	<b></b>	874
24	L	908		L		908
25		910			ļ	910
26		921			<u> </u>	921
27	L	937				937
28		946		ļ	<u></u>	946
29		949				949
30		959				959
31		962			<u> </u>	962
32		977				977
33	<u> </u>	992				992
34		997				997
35		1,030				1,030
36		1,050			<u></u>	1,050
37		1,105				1,105
38		1,110			<u> </u>	1,110
39		1,124				1,124
40		1,159				1,159
41		1,159				1,159
42		1,159				1,159
43		1,178				1,178
44		1,267				1,267
45		1,351				1,351
46		1,411				1,411
47	L	1,414				1,414
48		1,418	L			1,418
49		1,432				1,432
50		1,452				1,452
51	}	1,553				1,553
52		1,587	L			1,587
53		1,592		L		1,592
54		1,606				1,606
55		1,612		I		1,612
56		1,675				1,675
57		1,688		[	Ţ	1,688
58		1,722				1,722
59		1,730		T	1	1,730
60		1,760		T	[	1,760
61		1,779	·	1		1,779
62		1,781			]	1,781
63		1,788			1	1,788
54		1,806		1	1	1,806
65		1,820		<del> </del>	<del>                                     </del>	1,820
66	777	1,855		<b>†</b>		1,855
67		1,929		<b></b>	1	1,929
68		1,963		<del> </del>	<b></b>	1,963
69		1,968	<b></b>		<del> </del>	1,968
70		2,007	<del>                                     </del>	-		2,007
71		2,007	<b></b>		<del> </del>	2,021
72		2,027			<del> </del>	2,027
73		2,045				2,045
74		2,043		<del> </del>	1	2,079
75		2,079		<del> </del>	<del> </del>	2,079
13	<u> </u>		<u></u>	<u> </u>	<u> </u>	T (030)

for ISDN						
	Conducto	r Diamete				
No.	0.32	0.4	0.5	0.65	0.9	Fotal Length
76		2,103				2,103
77		2,150				2,150
78		2,150				2,150
79		2,157			1	2,157
80		2,191				2,191
81		2,231				2,231
82		2,241				2,241
83		2,241				2,241
84		2,332				2,332
85		2,341				2,341
86		2,361				2,361
87		2,379				2,379
88		2,435				2,435
89		2,484				2,484
90		2,505				2,505
91		2,560				2,560
92		2,563				2,563
93		2,610				2,610
94		2,655				2,655
95		2,663				2,663
96		2,680				2,680
97		2,694			10#	2,694
98		2,795				2,795
99		2,818				2,818
100		2,915				2,915
101		2,935				2,935
102		2,999				2,999
103		3,071				3,071
104		3,139				3,139
105		3,310				3,310
106		3,585				3,585
107		3,725				3,725
108		3,800				3,800
109		3,825				3,825
110		3,833				3,833
111		3,937				3,937
112		263	28			290
113		540	230			770
114		92	1,106			1,198
115		492	715			1,207
116		1,240	40			1,280
117		1,360	100			1,460
118		1,078	452			1,530
119		1,468	94			1,562
120		85	2,652			2,737
121		189	2,565			2,754
122		2,983	58			3,041
123	<u> </u>	3,043	310			3,353
124	1	70	3,703			3,773
125		2,864	1,010			3,874
126	<u> </u>	1,263	2,897			4,160
127		181	4,025	· · · · · · · · ·		4,206
128			1,106			1,106
129	T		3,323		·	3,323
130	]		4,098			4,098
131	<u> </u>		5,842			5,842
132	t	34	2,860	288		3,182
133		2,999		478		3,477
134	1		4,545	700		5,245
135		<del> </del>	4,283	1,754		6,037
<u> </u>	<del>                                     </del>	<del> </del>		<u> </u>		1
	<del> </del>	<del></del>	<del> </del>		·	<del> </del>
	<b>}</b>					<del> </del>
<b></b>	<b> </b>	<b></b>	<b></b> -	<del></del>		<del> </del> -
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# ANNEX

## CHAPTER 8 DEMAND FORECAST

Total Bries	BKK Meropolii Northabini Sanut Prakm Pathur Thani Nathon Pathon Sanut Sakhon Ayothaya	BMA Total BMA Density NPM Density SKN Density AYA Density	Potential Residentis BKK Merropolis Nonthaburi Samu Praken Pathur Thani Nathon Pathon Samu Sakhon Ayuthaya	BMA Total	Potential Business BKK Mercopo BKK Mercopo Noenhaburi S Samut Parken Parken Parken Thari Nakhon Pathon Amutaya BMA Total
Total Breentlal Corbarelles	BKK Memopolies Nonthaburi Semut Praken Pethum Thani Nekhom Puthom Semut Sakhon	cusity cusity ansity nsity assity	Potential Residential Subscriber BKK Mercopolics 344,34 Nonthaburi 13,86 Semut Praken 43,62 Perbuar Tharin 22,45 Parton Pattom 27,77 Sarum Sakhon 24,91 Ayuthaya 26,91	iex	Potential Business Subscriber BKK Meropolies 138, Northaburi 4 Samut Phaken 19 Parlum Thani 7, Nakhon Pahlom 2 Samut Sakhon 4 Ayunthaya 1,
1881	\$2,767 18,134 69,025 29,609 29,161 27,111	593,534 8.09 4.94 8.73 4.16	200000d	424,293	252 252 253 253 253 253 253 253 253 253
1988	24,269 24,269 36,361 34,059 31,698 31,698	753,703 5 10.00 5.20 9.30 4.35	18,122 59,336 24,234 26,062 27,601	531,733 (	178,532
1989	732,244 29,540 106,816 43,418 35,199 33,747 31,707	912,019 1, 11.80 5.44 9.65 4.66	517,381 721,744 72,956 31,177 30,880 26,847 29,338	643,258	214,864 7,796 33,861 12,241 4,320 6,900 2,369 0
1990	\$42.553 47.921 158.225 63.926 46.173 59.338 36.002	112,628 1 13.88 7.44 17.71 5.01	594,698 38,326 118,520 49,627 41,172 51,553 33,282	801,171	247.855 9.595 39,715 14.292 5,001 7,785 2,720 0 311,457
1991	975,653 1 55,594 179,813 75,209 50,421 64,451 38,675	286,270 15.72 7.98 18.79 5.31	692,333 44,606 135,392 58,844 44,814 55,965 35,565	931,175-1.	283,320 10,988 44,421 16,365 5,606 8,486 3,122 0 355,095
1992	1,113,138, 1,256,430 64,144 73,928 201,531 224,086 86,883 68,713 55,055 60,546 69,616 75,557 41,621 44,633	912,019 1,112,628 1,286,270 1,465,675 1,653,162 11.80 13.88 15.72 17.56 19.43 5.44 7.44 7.98 8.54 9.24 9.65 17.71 18.79 19.83 21.11 4.66 5.01 5.31 5.61 5.89	792,705 51,661 152,352 68,366 48,805 60,428 38,063	931,175 1,065,084 1,203,777	320,433 12,483 12,483 18,159 18,516 6,250 9,188 3,558 0 0
1993	yes.	,653,162 1 19,43 9,24 21,11 5.89	896,112 59,786 169,902 77,977 53,484 65,485 40,479	1 777, 202,	360,318 14,142 54,184 20,741 7,062 10,072 3,954 0 0
1994	284,455 244,773 109,994 67,260 87,262 47,341	,834,290 2, 21.14 10.07 22.41 6,18	994,915 1, 68,585 186,093 87,130 59,190 71,159 42,987	,336,724 1,	400,152 15,870 22,864 8,070 11,103 4,355 0 497,566
1995	265,641 265,619 122,069 74,602 89,262 50,577	2,024,898 2 22.89 11.00 23.87 6.48	78,821 202,453 96,805 65,409 76,991 45,779	474,611 1	44,037 17,820 63,166 25,268 9,192 12,271 4,798 0 550,288
3661	1,690,820 1 111,098 288,548 134,325 82,871 96,550 53,779	2224,790 2,425,940 24.69 26.45 11.99 13.07 25.21 26.60 6.79 7.11	1,197,999 1 20,991 220,250 106,562 72,431 83,074 48,547	1,474,611 1,615,802 1,754,111 1,889,648	492,821 20,107 68,297 27,763 10,440 13,475 5,232 0 608,988
1997	124,380 124,380 312,299 146,881 91,883 103,992 57,133	26.25,940 2 26.45 13.07 26.60 7.11	1296,830 1, 102,286 238,585 116,409 80,072 89,211 51,451	754,111 1	22,093 73,714 30,472 11,810 14,781 5,681 671,829
1998	1,992,463 2 139,025 336,887 159,680 101,706 111,694 60,747	2,628,055 2 28.18 14.24 27.99 7.44	114,782 257,385 257,385 126,246 88,386 95,497 54,585	,889,648 2	601,228 24,243 79,502 33,434 13,320 16,197 6,162 0
1999	2,144,983, 2,155,556,362,993,172,766,112,471,119,533,64,425	2,836,297 3 29.89 15,49 29.37 7.77	1,482,345 1 128,891 277,173 136,202 97,486 101,834 57,781	2,024,611_2	662,638 26,665 85,220 36,564 14,984 17,699 6,644 0 811,686
2990	301,718 389,873 186,118 124,025 127,660 68,492	3,051,597 3 31.61 16.85 30.75 8.12	144,555 297,260 146,093 107,211 108,312 61,318	2,159,184 2,291,054 2,412,846	730,442 29,333 92,614 40,035 16,814 19,348 7,173 0 892,414
2001	2,459,817 2 194,611 419,126 199,528 136,672 135,973 72,408	3,273,082 3 33.38 18.25 32.07 8,48	1,654,262 1 162,224 318,654 155,914 117,844 114,928 64,734	291,054 2	805,555 32,387 100,471 43,614 18,828 21,044 7,674 0 982,028 1,
2002	2.598,025 2.214,996 424,117 213,197 150,299 144,475 76,618	3,470,334 3,67 34.83 19.75 33.43 8.85	729,797 1. 779,683 337,768 126,598 121,499 68,411	412,846 2,	\$68.228 35.313 106.349 47.589 21,070 22,927 8,207 0
2003	2741,009 2, 237,756 27,756 471,191 226,179 163,233 152,384 81,016	28 2 2 8 6 8 2 2 8 6	1,803,753 1, 199,115 358,145 174,955 140,037 127,749	2,535,968 2,660,136 2,783,833 2,909,927 3,039,359	937,256 1,9 38,641 113,046 51,224 23,196 24,635 8,756 0
280	2,824,853 3 261,292 298,729 239,444 176,792 160,507 85,735	3,884,318 4 37.80 22.58 35.83 9.62	877,486 1 219,214 379,053 184,383 151,304 134,072 76,395	660,136 2,	1,007,367 1, 42,078 119,675 55,061 25,488 26,435 9,340 0 0
2005	252,522 25,822 526,106 252,796 190,855 168,665	4,093,246 4 39,23 24,01 36,99 10.03	.950,003 2 240,130 399,875 193,825 162,944 140,406 80,613	,783,833_2	1,078,519 1 45,693 126,231 58,370 27,911 28,259 9,925 0
2896	1,172,978 3 311,659 554,766 266,500 205,377 177,105 95,419	4,305,902 4 40.68 25,42 33,09 10,44	2,022,492 2 262,122 421,729 203,585 174,914 147,026 84,909	209,927 3	1,150,486 1 49,537 133,037 62,915 30,463 30,079 10,510 0
2807	3,322,755 339,207 585,207 280,742 220,360 135,847 100,511	4527,911 42.14 26.87 39.21 10.87	2,095,528 285,471 444,797 213,563 187,142 153,810 89,399	039.359	1227,226 53,736 140,410 67,179 32,037 11,112 0

198	Josef Potential Supplies Supplies Supplies Supplies Supplies Pathun Thani Naithon Pathon Sumut Sakhon Ayuthaya	BMA Density BMA Density NPM Density SKN Density AYA Density	Potential Residential Subscriber BKK Metropolics 344,347 45 Northaburi 13,860 Samut Parkan 43,628 Pathum Thani 22,459 Nakhon Pathom 27,765 Samut Sakhon 24,912 Ayuthaya 26,624 XX	OC Potential Business Subscribes Nonthabun A,774 Smut Frakan 19,397 Perhum Thani 7,150 Nakhon Pathom 2,852 Szenu Sakhon 4,249 Ayuthaya 1,187 BMA Total 169,241
1987	27,811 18,134 63,025 29,609 30,617 29,161 27,811	593,534 8.09 4.94 8.73 4.16	344,347 344,347 13,860 43,628 22,459 27,765 24,912 26,624 424,293	
1988	608,514 24,269 36,861 34,059 31,698 29,444	753,703 10.00 5.20 9.30 9.35	99,982 72,122 74,234 75,601 75,601	178,532 6,148 27,525 9,765 3,758 6,153 1,843 0
1989	732,244 29,540 106,816 43,418 35,199 33,747 31,707	912,019 1,153,298 11,80 14,39 5,44 7,61 9,65 18,12 4,66 5,09		214.864 7,796 33.861 12.241 12.241 4,320 6,900 2,369 0
1998	871,921 50,423 164,997 65,957 47,257 60,696 36,549		615,348 40,283 1123,532 51,243 42,024 52,606 33,686 830,406	256,573 10,140 41,465 14,713 5,233 8,090 2,863 0
1991	1,043,103 61,307 194,251 79,897 52,949 67,404 39,751	1,378,558 16.85 8.38 19.65 5.45	738.982 49.128 145.873 62.534 46.810 58.236 36.348	304,121 12,179 48,379 17,362 6,139 9,168 3,403 0
1992	1,223,845 74,254 224,296 99,644 89,450 74,377 43,277	1,617,039 19.38 9.22 21.19 5.83	867,000 59,744 168,416 74,379 52,287 64,049 39,287 1,169,540	356,845 14,510 55,880 20,265 7,163 10,328 0 0 0 0 447,499
1993	1,412,139 89,886 255,434 109,705 67,373 82,294 46,696	1,867,164 21,95 10,29 22,99 6,19	995,732 72,644 191,102 86,271 58,907 70,511 42,156	416,408 17,242 64,333 23,434 8,465 11,783 4,540 0 0 521,416
198	1,595,240 107,664 284,764 124,226 77,240 91,121 50,292	2,111,894 24.34 11.56 24.83 6.57	1,115,071 87,378 211,985 97,545 67,129 77,600 45,178	480,169 20,287 72,779 26,681 10,111 13,521 5,114 0 0
1995	1,782,883 128,743 314,183 139,265 88,490 100,230 54,124	2,365,075 26.73 13.05 26.80 6.94	1,229,507 104,867 222,340 108,739 76,452 84,671 48,420	553,376 23,877 81,844 30,467 12,566 5,704 5,704
1996	1,971,766 153,746 345,353 154,311 101,462 109,666 57,981	2,625,176 29.13 14.68 28.63 7.32	1,333,834 125,519 252,903 119,696 87,180 91,870 51,685	637,933 28,228 92,449 34,616 17,797 6,298 0
1991	2,161,270 178,589 376,562 169,294 115,943 119,159 62,054	2,885,715 31,46 16,49 30,48 7.72	1,427.356 145,969 272.665 129,999 99,066 98,821 55,137	733,914 32,620 103,896 39,301 16,876 20,339 6,917 6,917
1998	2.350,958 205,841 408,652 184,180 131,909 123,826 66,459	3,149,631 33.77 18.47 32.29 8.13	1,510,532 168,139 291,745 112,028 112,028 105,599 58,876	840,426 37,702 116,906 44,622 13,283 7,583 0 0
1999	2,548,570 235,322 442,632 199,444 149,327 138,582 71,001	3,425,968 36.10 20.57 34.05 8.56	1,586,011 191,671 310,968 148,929 125,974 112,125 62,736	962.559 43,651 131,663 80,514 22,353 26,458 8,265 0
8002	2760,156 266,243 477,681 214,959 167,727 148,606 76,014	3,719,039 38,53 22,79 35,81 9,02	1,657,429 215,718 329,411 157,702 140,362 118,450 67,004	1,102,727 50,526 148,270 57,257 27,365 30,156 9,010 0
2901	2,986,136 298,335 516,028 230,978 187,246 158,990 80,958	4,031,477 41.11 25.00 37.50 9.48	1,722,264 239,648 348,181 166,352 155,262 126,783 71,216	1,263,931 58,688 167,846 64,626 31,984 34,207 9,742 0
2002	3,203,649 3 328,878 551,627 247,666 207,373 169,607 86,285	4,331,819 43.47 27.25 39.26 9.96	1,786,462 1,849,372 261,827 283,634 366,338 385,122 174,591 182,953 170,013 182,920 130,732 136,478 75,763 80,559	1,417,186 67,051 185,289 73,075 37,360 38,875 10,523 1,742,601
2003	3,440,900 360,494 590,527 264,455 226,237 180,067 91,898	4,656,376 46,02 29,31 40,92 10,47	1,849,372 283,634 385,122 182,953 182,953 183,290 136,478 80,559	1.591.528 76.860 205.405 81.502 42.547 43.590 11,338
2004	3.693,972 392,144 631,444 282,202 245,229 191,019	4,999,762 48.65 31.32 42.64 10.99	1,914,156 304,477 404,654 191,387 195,954 142,201 85,726 2,814,675	1,779,816 87,667 226,790 90,815 49,270 12,207 0 2,185,087
2885	3,962,362 424,443 673,651 300,787 264,373 202,411 104,157	5,361,243 51,38 23,25 24,39 11,53		1,982,925 99,679 249,518 100,846 56,322 54,480 13,096 13,096 2,432,967
2066	4,247,449 457,898 718,963 320,555 283,821 214,585 110,572	5,744,868 24.25 35.13 46.15 12.10	1,979,437 2,046,064 324,764 344,763 424,133 444,665 199,941 208,974 208,050 219,664 147,931 154,038 91,061 96,566	2201,385 113,135 274,297 111,581 64,158 60,548 14,096 0 0 2,700,399
2867	4,58,021 493,124 768,224 341,807 303,523 227,595 117,318	6,161,175 57.35 57.01 48.02 12.68	2,114,099 364,662 466,267 218,231 220,501 160,254 102,363	2,443,922 128,462 301,957 123,577 73,021 67,342 14,955 2,997,917

	2007	2746,099 182,326 444,359 246,925 157,167 154,921 91,819	3,613,710 23.63 19.17 32.68 9.93	1,972,995 155,795 360,189 195,678 138,371 136,070 82,640	2,684,657	773.105 26,531 84,170 45,247 18,796 18,851 9,179 0	
	2306	2,640,597 2 170,366 424,625 229,441 148,142 87,493	3,465,029 3 32.72 18.33 31.92 9.57	1,895,926 1 145,083 342,704 186,034 130,354 130,198 78,766	2,569,746 2	744,671 25,284 81,921 81,921 17,759 18,244 8,727 0 0	
	23965	2,537,742 2 159,372 406,309 218,449 139,411 142,227 83,337	3,321,872 3 31.84 17.54 31.19 9.23	1,820,493 1 135,253 326,463 176,779 122,647 124,560 75,050	2,458,989 2	717,248 24,119 79,846 71,671 16,667 8,287 8,287 0	
	2962	2,433,266 148,966 388,723 207,560 136,127 79,222	3,178,515 3 30,93 16,73 30,39 8,89	1,744,998 1 125,985 310,965 167,718 115,213 119,093 71,380	2,349,665	688,269 22,980 777,78 39,842 15,777 17,035 0 0	
	2063	2,326,033 138,910 370,585 196,631 122,869 129,998 75,154	3,032,160 : 29.97 15.92 29.54 8.56	1,668,204 117,060 295,144 158,683 108,066 113,638 67,761	2,239,091	657,829 21,851 75,441 37,948 14,803 16,360 7,393 0	
	2002	217,004 123,999 352,266 185,954 115,110 124,001 71,568	2,884,224 28,95 15,13 28.70 8,24	1,591,081 108,313 279,375 149,859 101,246 108,311 64,396	2,128,628	625,924 20,686 72,891 36,095 13,864 15,690 6,973 0	
	2001	2,112,005 2 120,269 335,925 174,227 106,620 117,401 67,737	2,742,426 27.97 14.23 27.69 7.93	1,515,496 100,605 265,201 146,381 93,849 102,563 61,174	2,021,684	596,509 19,663 70,724 33,846 12,771 14,837 6,564 0	
	2000	1,982,578 110,430 314,683 162,962 98,695 1111,006 64,364	2,570,654 26,63 13,41 26.75 7,64	1,427,243 92,032 247,590 131,183 86,937 96,953	1,898,049	555,335 18,398 67,093 31,779 11,758 14,052 6,182 0 672,605	
	1999	1,855,309 101,754 295,861 151,713 91,429 104,718 60,810	2,404,638 25,34 12,59 25,73 7,34	1,338,080 84,474 231,877 122,619 80,620 91,478 55,644	1,776,449	517,230 17,231 63,985 29,694 10,809 13,241 5,767 0 628,189	
	1998	1,732,727 93,840 277,847 146,927 84,514 98,713 57,613	2,245,341 24,07 11,84 24,74 7,05	1,250,944 77,600 216,852 113,161 74,602 86,233 52,220	1,658,557	481,783 16,246 60,994 27,767 9,912 12,480 5,393 0	
	1997	1,613,704 86,796 261,023 130,401 78,092 92,813 54,450	2,091,924 22.81 11.11 23.74 6.77	1,164,941 71,483 202,828 104,530 69,023 81,084	1,543,782	448,763 15,313 58,194 25,872 9,069 11,729 5,017 5,017	
٠	1996	1,494,401 80,161 244,730 120,244 72,044 87,127 51,518	1,939,536 21.52 10.43 22.75 6.50	1,078,248 65,750 189,298 96,154 63,768 76,116	1,429,451	416,153 14,411 55,432 24,090 8,275 11,011 4,666 0 0	
	1995	1,376,021 73,066 229,312 110,432 66,323 81,545 48,709	1,788,832 20,22 9.78 21.80 6.24	991,588 59,693 176,519 88,034 58,801 71,221 44,383	1,315,833	384,432 13,572 22,734 10,399 10,324 10,324 10,324 10,324	
	1994	1,263,063 66,965 215,608 190,711 61,139 76,135 45,841	1,646,337 18.97 9.15 20.75 5.98	907,889 54,484 165,103 80,008 54,318 66,519	1,207,484	355,164 12,481 50,505 20,703 6,821 9,617 3,973 0 438,854	
	1993	1,155,880 61,570 201,855 91,728 56,218 70,936 43,258	1,511,034 17.76 8.58 19.81 5.74	828,151 49,891 153,773 72,553 50,051 61,956 39,606	1,104,368	327,729 11,679 48,082 19,175 6,167 8,980 3,652 0	
	1992	1,042,764 S6,062 185,528 82,034 52,169 66,355 40,787	1,366,388 16.37 8.09 18.90 5.50	744,133 45,243 140,613 64,561 46,525 57,922 37,444	98£,549	298,632 10,819 44,915 17,473 5,644 8,433 3,343 0 371,839	
	1661	952,893 50,960 169,585 72,293 48,699 62,417 38,171	1,225,732 14.98 1.71 18.20 5.24	662,407 40,959 127,808 56,540 43,461 54,399 35,180	887,714	270,486 10,001 41,777 15,754 5,238 8,019 2,991 0	e e
	1990	823,450 46,011 153,533 62,642 45,408 58,393 35,798	1,085,636 13.55 7.31 17.43 4.99	581,224 36,838 115,006 48,614 40,574 50,824 33,131	781,682	242,227 9,173 38,527 14,027 4,834 7,569 2,667 0 303,953	
	1989	732,244 29,540 106,816 43,418 35,199 33,747	912,019 11.80 5.44 9.65 4.66	517,381 21,744 72,956 31,177 30,380 26,847 29,338	643,258	214,864 7,796 33,861 12,241 4,320 6,900 2,369 0	
	1988	58,24,25,24,25,24,25,24,25,24,25,25,24,25,25,24,25,25,24,25,25,24,25,25,24,25,25,24,25,25,24,25,25,25,25,25,25,25,25,25,25,25,25,25,	753,703 10.00 5.20 9.30 4.35	28,38 28,38 28,38 28,38 28,38 28,38 21,61	531,733	6,148 6,148 27,525 9,765 3,758 6,153 1,843 1,843	
•	1987	29,609 29,609 29,609 29,161 29,161	25.53 8.03 8.04 24.28 57.3 51.4	1 Subscriber 13,860 18,122 43,628 59,336 43,628 59,336 22,459 24,294 27,765 25,945 24,912 25,545 26,624 27,601	424,293	138,420 138,420 19,337 7,150 2,852 4,249 1,187 0	
	19 Total Potential Subscriber	BKK Metropolies BKK Metropolies Nombabun Samut Parkan Pathon Thani Nathon Pathom Samut Sakhon Aymthaya	BMA Total BMA Density NPM Density SKN Density AYA Density	Potential Residential Subscriber BKK Mercopolics 344,347 4 Nonthaburi 13,860 Samut Prakan 43,628 Pathum Thani 22,459 Nakton Pathom 27,765 Samut Sakhon 24,912 Ayutbaya 26,624	BMA Total	Potential Business Subscribed BKK Meropolies 138,426 Unonthabun 4,274 Semut Praken 19,397 On Whithon Pathom 2,855 Nathon Pathom 2,855 Aputhaya 1,187 BMA Total 169,24	
				·		:	

2807	.419.303 336.769 639.265 370,335	5,955,994	53.13 53.23 53.23 53.98 53.98 53.44 55.44 55.44 55.44 55.44
2006	323,955 4 310,135 613,374 355,621	5,782,126 5	52.05 52.05 52.08 52.08 52.08 52.04 54.74
2805	220,722 4 285,455 588,480 340,841		55.70 28.86 52.12 52.12 53.06 53.68 53.68
2884	.103,988	,404,255 5	\$4.79 27.27 47.58 50.95 6.27 6.27 4.79 52.59
2003	5,974,137 4 239,749 538,039 309,503	1,191,592 5	53.67 25.67 46.58 49.60 0.27 0.27 171 51.31 4.61
2002	3,829,450 3 218,115 511,388 293,080	4,726,388 4,961,677 5,191,592 5,404,255 5,600,747	52.30 24.05 45.42 48.12 -0.28 49.80 44.1
25	3,676,386 3 199,161 486,895 274,115	4,726,388	2444 6 844 2246 2249
35 35	3,472,033 179,434 453,965 255,224	4,425,267	28.52 20.99 20.99 41.00 41.00 42.40 43.54 45.54
1999	3,254,034 162,389 423,912 235,723	, 118,602	46.14 19.59 40.68 41.65 41.65 43.40 43.40 43.40
1998	,029,626 147,087 394,529 216,726	3,812,066 4,118,602	43.53 18.32 38.95 39.33 0.30 40.87 40.87
1997	2,802,891 3 133,678 366,770 197,862		40.80 17.16 37.16 36.78 -0.31 38.28 -3.40 38.28
1996	2,567,917 121,440 339,868 179,726	2208,022	37.91 35.44 35.44 36.30 36.00 35.60 35.60 35.60
1995	2334,260 2 107,662 313,736 162,411	2,909,225 3,208,022 3,511,014	34.95 14.79 33.70 31.91 -0.34 32.88 32.88 32.88
1994	2,112,446 96,133 290,463 145,428		32 13 32 13 32 13 29 32 -0.36 -0.36 -2.85 50.32
1993	1,903,861 86,101 266,855 130,183	970,732 1,171,875 1,388,148 1,618,118 1,854,816 2,103,989 2,370,734 2,630,841	29.43 12.68 30.43 27.07 27.87 27.87 27.87
1992	1,690,338 76,671 240,203 114,161	2,103,989	28.19 28.19 28.19 24.39 26.10 25.11 25.11 25.11 25.11
1991	1,489,909 68,325 214,863 98,770	1,854,816	25.77 26.01 27.76 21.76 20.47 20.43 20.43
966E	1,239,204 60,695 189,686 84,243	1,618,118	21.08 2.95 23.68 23.68 20.00 2
1989	1,123,023 52,923 159,482 70,733	1,388,148	8.43 8.43 19.23 16.01 6.01 7.98 17.98 17.98 17.98
1988	954,398 44,725 131,492 57,076	278,171,1	16.69 750 16.66 13.11 -0.39 -1.78 15.55
2861	7% 222 36,261 99,436 53,215	970,732	14.18 6.34 13.40 12.82 12.82 13.23 13.23
	Action of Logistic Moode BKK Metropolics Northabun Samur Praken Pathum Thani	BMA	Demand / 100 Persons BKK Metropolies Northabuni Samut Praken Pathum Thani Nakhon Pathom a st BMA

8 - 5 Estimated Telephone Demand by Logistic Model for BMA (High Case of GPP)

	Nemilis of Logistic Modes Northabusi Samus Praken Pathum Theni	BMA Demand / 100 Persons BKK Merropolies Northabori Samu Prakan Pathun Tismi	BMA
1987	795,222 36,226 59,436 53,215	970,732 1 14.18 6.34 13.40 12.82	13.23
1968	954,398 1 44,725 131,492 57,076	16.69 15.69 15.0 15.0 13.11	15.55
1969	54,398 1,123,023 1,345,967 1,602,625 1,885,375 2,193,273 44,775 52,923 65,388 74,474 81,606 103,567 131,492 159,482 198,919 235,716 274,932 317,218 57,076 70,733 87,098 105,765 126,575 149,100	970,732 1,171,875 1,388,148 1,679,869 2,002,660 2,360,758 2,755,462 14.18 16.69 19.25 21.84 25.57 29.60 33.90 6.34 7.50 8.43 10.39 11.77 13.35 15.25 13.40 16.66 19.23 24.83 28.54 32.27 36,17 12.82 13.11 16.01 19.75 23:30 27.05 31.00	17.95
1999	1.345,967.1 65,388 198,919 87,098	21.84 21.84 10.39 24.83 19.75	20.96
1991	1,602,625 1 74,474 235,716 105,765	25.57 25.57 11.77 28.54 23.30	24.48
1992	,885,375 2, 87,606 274,932 126,575	29.60 29.60 13.35 32.27 27.05	28.28
1993			32.39
1994	500,646 2, 121,990 357,013 171,489	38.04 17.35 39.49 34.57	36.34
1995	817,601 144,386 396,549 196,021	42.19 42.19 42.59 42.59 38.51	40.36
19%6	2,500,646 2,817,601 3,130,115 3,418,795 3,667,772 3,881,588 4,059,750 4,198,343 4,301,617 4,386,651 4,460,503 4,526,261 4,535,621 121,990 144,386 172,200 2,00,670 2,33,509 271,119 312,591 357,596 399,985 443,064 483,518 521,318 556,070 357,013 396,549 438,239 478,095 516,485 553,783 587,709 620,221 646,110 671,269 695,023 716,783 738,095 171,489 196,021 220,788 245,555 269,469 292,024 312,692 331,207 347,500 361,607 374,484 386,265 397,780	3,153,257 3,570,926 3,996,461 4,399,828 4,764,432 5,092,800 5,377,222 5,613,336 5,794,767 5,951,227 6,088,913 6,212,318 6,324,013 6,428,494  38,04 42,19 46,21 49,77 52,70 55,03 56,79 58,04 58,75 59,24 59,73 59,85 59,92  17.35 19,83 22,84 25,76 29,08 32,70 36,56 40,68 44,10 47,44 50,31 52,71 54,68 56,26  39,49 42,59 45,70 48,44 50,99 53,15 54,98 56,49 57,38 58,12 58,65 59,04 59,33 59,54  38,57 38,51 42,14 45,64 48,91 51,59 53,91 55,67 57,06 57,95 58,60 59,06 59,37 59,59	44.35
1997	418,795 3, 200,670 478,095 245,555	399,328 4, 49,77 25.76 48,44 45.64	8.7.8
1998	3,667,772 3, 233,509 516,485 269,469	52.70 52.70 59.08 50.99 48.91	51.08
1999	3,881,588 4, 271,119 553,783 292,024	55.03 52.70 53.15 53.15 51.15	53.66
2000	1,059,750 4,1 312,591 587,709 312,692	56.79 56.79 36.56 54.98 53.91	55.71
2901	,198,343 4, 357,956 620,221 331,207	513,336 5; 58.04 40.68 55.49 55.67	57.24
2002	399,985 646,110 347,500	58.75 58.75 44.10 57.38 57.38	58.16
2000	386,651 4, 443,064 671,269 361,607	951,227 6,0 59.24 47.44 58.12 57.95	58.82
2804	,460,503 4, 483,518 695,023 374,484	088,913 6, 59.54 50.31 58.65 58.60	59.25
2005	\$526,261 4.5 \$21,318 716,783 386,265	212,318 6, 59,73 52,71 59,04 59,06	59.54
2006	* 1	59.85 59.85 59.33 59.33	59.72
2007	4,636,229 587,877 759,177 408,790	428,494 59.92 56.28 59.54 59.59	59.83

2007	3,709,937 163,275 428,384 295,087	47.94 47.94 15.62 33.60 43.02	43.63
2005	3,611,965 3 155,538 416,223 283,659	970,732 1,171,875 1,388,148 1,577,693 1,761,035 1,944,779 2,134,629 2,309,610 2,494,457 2,693,342 2,894,236 3,094,857 3,305,123 3,524,636 3,754,018 3,918,908 4,090,519 4,251,565 4,402,358 4,543,893 4,688,100 14.18 16.69 19.25 20.60 22,67 24.68 26,73 28,54 30,41 32,42 34,39 36,27 38,17 40,08 42,04 43,20 44,42 45,46 46,37 47,16 47,94 6,78 13,50 13,25 13,72 13,74 14,02 14,38 14,70 15,00 15,29 15,62 13,40 16,66 19,23 22,90 24,31 25,55 26,76 27,41 27,94 28,61 29,30 30,03 30,73 31,50 32,45 33,01 33,23 33,36 33,46 32,46 33,01 18,70 20,83 22,83 24,77 26,25 27,99 29,52 31,12 32,82 34,33 35,95 37,38 38,92 39,91 40,87 41,69 42,34 43,02	42.91
2865		4,402,358 4 46.37 15.00 33.36 41.69	42.19
38	3,405,675 3,513,374 1 141,278 1,48,317 3 393,739 404,999 1 261,138 272,667	4,251,565 4 45,46 14,70 33,23 40,87	41.37
2003	3,289,157 134,325 381,285 249,054	4,090,519 44,42 14.38 33.01 39.91	40.43
2002	3,040,658 3,162,979 3,289,157 120,917 127,198 134,325 356,019 367,657 381,285 222,387 237,021 249,054	3,918,908 43,20 14,02 32,65 38,92	39.33
200	3,040,658 120,917 356,019 222,387	3.754,018 42.04 13.74 32.42 37.38	38.28
2000	2,865,121 113,301 336,774 208,521	3.524,636 40.08 13.25 31.50 35.95	36.51
1999	2,196,424 2,361,909 2,524,404 2,692,430 2,865,121 89,282 94,712 100,290 106,561 113,301 274,342 289,203 304,206 320,217 336,774 154,698 167,448 180,826 194,283 208,521	3,305,123 38,17 12,85 30,73 34,33	34.83
1998	2,524,404 100,290 304,206 180,826	3,094,857 36,27 12,49 30,03 32,82	33.18
1997	2,361,909 94,712 289,203 167,448	2,894,236 34,39 12,16 29,30 31,12	31.55
1996	2,196,424 89,282 274,342 154,698	32.42 11.84 28.61 29.52	29.89
1995	2,031,375 83,171 260,102 142,482	2,494,457 30,41 11,42 27,94 27,99	28.20
1994	1,876,314 77,900 247,755 130,205	2309,610 28,54 11.08 27,41 26,25	26.62
1993	1,729,282 73,150 234,704 119,124	2,134,629 26,73 10,77 26,76	25.09
1992	1,269,149 1,420,497 1,572,289 1,729,282 \$8,651 63,406 68,152 73,150 183,403 200,798 217,667 234,704 82,477 94,561 106,838 119,124	24.68 10.39 22.55 22.83	23.30
1991	63,406 63,406 1 200,798 94,561	1,761,035 22,67 1 10,02 24,31 20,83	9 21.53
1998		20.60 20.60 9.61 22.90 18.70	19.69
1989	52,923 52,923 159,482 70,733	1,388,148 19,25 8,43 19,23	17.95
1988	954,398 44,725 131,492 57,076	16.69 16.69 7.50 16.69 16.66	15.55
1987	795,222 36,261 99,436 53,215	970,732 14.18 6.34 12.82	13.23
	Results of Logistic Model BKK Metropolics Nouthaburi Semut Prakan Pathum Thani	BMA Demand / 100 Persons BKK Metropolics Nonthaburi Semut Prakan Pathum Thari	BMA

2867	5,636,173 447,539 760,655 415,132 101,794 86,715 31,277	1,258,982	72.84 42.83 59.66 60.51 18.29 3.38	
2906	702,814 704,688 382,780 92,520 79,809	6,715,269	68.19 39.87 56.68 57.13 11.45 17.16 3.27 63.41	
2085	367.302 367.302 653.462 353.060 83.999 73.475 28.518	6,212,409	63.86 37.14 53.83 53.88 10.57 10.57 16.11 3.16	
2804	332,182 605,583 324,808 76,091 67,462 27,156	5,733,288	59.69 34.57 51.10 50.83 9.72 15.06 3.05	
2963	25,792 25,792 25,792 25,792	5.276,821	88.99 84.84 87.74 8.91 14.04 8.91 8.91 8.91	
2862	3.785,580 266,310 515,279 272,957 62,061 56,465 24,498	4,842,813	51.70 28.69 28.64 28.78 8.18 13.07 28.34 36.60	
2691	3,480,919 242,458 476,011 247,542 55,337 51,086 23,236	4,446,646	48.13 27.55 43.35 41.60 7.39 12.05 27.2 45.35	
20De	3,152,100 215,684 431,467 224,539 49,293 46,231 22,040	4,023,540	44.09 46.23 46.23 46.24 41.11 41.11 41.63	
1999	2,853,553 192,174 392,631 202,987 43,875 41,693 20,774	3,641,125	40.46 23.18 37.68 35.86 6.04 10.24 251 38.37	
1998	2,583,693 171,079 356,858 183,431 38,946 37,597 19,605	3,294,867	37.12 21.30 38.23 33.29 5.45 9.42 2.40 35.33	
1997	2,339,471 152,501 324,687 165,443 34,507 33,816 18,433	2,981,930	34.06 19.58 30.75 4.91 8.65 2.29 32.51	
1996	255,314 125,802 255,314 148,996 30,379 17,322	2,690,692	31.16 18.01 30.79 28.43 4.41 7.93 2.19	
1995	1,901,231 118,796 267,386 133,884 26,841 27,231 16,239	2,421,160	28.47 28.73 28.73 26.30 3.96 7.28 7.28 7.37	
1994	1,711,791 104,199 242,826 119,847 23,598 24,313 15,122	2,178,537	26.04 14.82 26.86 24.16 3.53 6.62 1.97	
1993	1,540,278 91,354 219,385 107,245 20,667 21,702 14,027	1,958,146	22.27 22.27 22.20 3.16 6.06 1.86 23.02	
1992	1,374,181 79,424 195,576 94,770 18,241 19,446 12,948	1,743,347 1,958,146	2151 22121 22122 22123 2212 2212 2212 22	
1991	1,220,664 68,815 173,661 82,903 16,218 17,568 11,759	1,174,836 1,359,691 1,545,948	19.48 10.87 21.02 18.06 2.57 5.12 1.61 18.90	
1990	1,075,989 59,155 152,882 71,749 14,371 15,776	1,359,691	23.00 20.00 19.00 16.27 16.27 17.4 14.8	
1989	931,964 48,893 132,399 61,681 12,674 14,097 9,468	1,174,836	8.5.2.1 8.5.2.1 8.6.2.1 8.6.1.1 8.1.3.0 8.1.3.	
1986	823,498 40,259 113,510 51,915 11,511 12,900 8,392	1,029,086	14.40 6.75 14.39 11.92 1.82 3.78 1.24	
1987	20,270 20,270 20,090 26,585 10,737 10,737	881,559	1271 528 1214 11.73 3.67 1.17	
	Acessis of Logsace Model BACK Metropolies 715 Nonthaburi 755 Samut Praken 98 Samut Praken 98 Nathen Thani 46 Nathen Pathon 106 Ayuthaya	BMA	Demand / 100 Persons BKK Merropolica Northaburi Samu Prakar Pathum Thani Nakhon Pathom Samu Sakhon Ayuthaya BMA	

												-	
	79997	2514,159 143,212 301,522 198,852 34,949 23,575	3,700		32.49 13.70	ম ৪ ৪	4 E	3 89 89 89					
	2806	14	881,559 1,029,086 1,174,836 1,300,881 1,413,995 1,524,280 1,635,373 1,737,698 1,844,375 1,957,496 2,071,516 2,185,358 2,305,752 2,432,629 2,566,752 2,667,203 2,772,861 2,874,084 2,974,575 3,657,496 2,071,516 2,185,358 2,305,752 2,432,629 2,566,752 2,667,203 2,772,861 2,874,084 2,974,575 3,657,496 2,071,516 2,185,358 2,305,752 2,432,629 2,566,752 2,667,203 2,772,861 2,874,084 2,974,575 3,657,496 2,071,516 2,185,358 2,305,752 2,432,629 2,566,752 2,667,203 2,772,861 2,874,084 2,974,575 3,657,496 2,071,516 2,185,358 2,305,752 2,432,629 2,566,752 2,667,203 2,772,861 2,874,084 2,974,575 3,657,496 2,071,516 2,185,358 2,305,752 2,432,629 2,566,752 2,667,203 2,772,861 2,874,084 2,974,575 3,657,496 2,071,516 2,185,358 2,305,752 2,667,203 2,667,203 2,772,861 2,874,675	, Delegan	31.87	22 22 28 58	7.29	28.92					
	2005		2000		31.28	23.52	% 17 5 % 12 5	18.4	•			٠	
	7667	2294,127 125,651 277,931 176,778 34,529 31,773	2874 084		30.63	73.45	4.4. 14.6. 16.6. 1	27.97					
	2003	2214481 120,030 269,596 169,128 32,854 30,626	2772.861		29.91	23.72	4 % 6 8 % 8	27.41					
	2962	2,130,992 114,250 260,713 161,593 31,217 29,481 19,386	2,667,203		29.10	23.15 26.53	4.10 6.82 2.24	26.77					
	2001	2,052,346 ; 109,044 252,931 152,749 29,296 28,066 18,583	2.566,752		28.37	23.04	3.91 6.62 2.18	26.18					
	2080	1,944,507 102,861 241,143 144,405 27,468 26,724 17,826	2,432,629	•	27.20	2,28	8.73 2.43 11.43	25.20					
	1999	1,841,861 97,244 230,888 136,016 25,753 25,352 16,982	2,305,752		26.11	24.03	6.23 205 205	24.30					
	1998	1,744,805 220,794 128,055 24,078 24,047 16,218	2,185,358		25.07	8 8 8	1. 6. 5. 1. 9. 53.	23 43					
	1997	1,652,852 87,152 211,411 120,305 22,479 22,746 15,435	2,071,516	1			S.82 2.82 2.92	22.58					
	1996	201,971 201,971 112,837 20,930 21,487 14,697	1,957,496		10.93			21.72	•				
	1995	1,469,014 1,7,098 1,192,846 1,05,578 1,19,422 1,20,250 1,3,972	1,844,375	:	21.99			20.85					
	3 1994	5 1,382,290 1,4 72,414 5 184,758 1 98,379 1 18,008 119,004 113,198	1,737,698		21.03			20.03					
	2 1993	6 1299,436 68,138 176,295 7 91,632 8 17,828 7 12,491	1,635,373		20.08			19.22					
	1 1992	0 1,210,686 6 63,601 4 165,839 4 84,267 15,498 1 16,783	5 1,524,28(		9.70			18.26					
	1991	5 1,122,840 59,228 3 155,344 76,684 8 14,554 15,941 6 11,000	1,413,99		5 17.92 8 9.36 18.81			3 17.29					
:	1994	24 1,032,655 3 54,774 9 144,523 1 69,014 1 13,618 7 15,032 8 10,256	5 1,300,88		8 16.76 9 8.98 5 18.04			16.23					
	86 Tab	6 931,964 48,893 0 132,399 5 61,681 1 12,674 0 14,097 2 9,468	6 1,174,83		8.21 8.21 8.25 8.21			5 15.19					
	1368	28 823,498 22 40,259 20 113,510 25 51,915 27 11,511 24 12,900 22 8,392	9 1,029,08		1. 0. 4 6.7.0 6.7.4 6.7.9			1 13.65	-				
÷	1987 ic Model	30,272 30,272 90,090 48,585 10,737 1,792	881,55		25 29 21 21 21 21 21 21 21 21 21 21 21 21 21	H	3.6	12.03					
	Results of Logistic Model	BKK Metropolies Nonthaburi Samui Phakan Pathum Thani Nakhon Pathum Samui Sakhon Ayuthaya	ВМА	Demand / 100 Persons	BKK Metropolies Nonthabori Semut Prakan	Pathum Thani Nakhon Pathom	Samut Sakhon Ayuthaya	ВМА		<b></b>	D	0	

Year	No.	Monthly Incom	ВМА	Central	Northern	Northeastern	Southern
1986	1	250	0.10	0.00	0.10	0.10	0.20
1986	2	499	0.20	0.20	2.60	2.40	1.50
1986	. 3	749	0.70	3.40	8,30	7.40	4.80
1986	4	999	1.50	8.40	15.30	17.20	10.40
1986	5	1249	2.90	14.60	23.80	28.70	17.40
1986	6	1499	4.30	22.00	32.30	38.80	25.40
1986	7	1999	8.10	33.70	47.90	56.30	40.70
1986	8	2499	13.00	46.20	57.90	69.60	50.30
1986	9	2999	20.10	55.60	67.00	77.00	60.30
1986	10	3499	27.40	63.10	73.10	82.50	67.40
1986	11	3999	36.10	68.90	76.70	86.20	73.00
1986	12	4499	42.90	73.80	81.80	88.70	76.90
1986	13	4999	48.10	79.30	84.10	90.90	80.40
1986	14	5999	59.60	84.40	88.30	94.00	86.10
1986	15	6999	68.00	88.60	92.70	95.40	89.20
1986	16	7999	74.70	91.20	94.70	96,80	92.00
1986	17	8999	79.50	93.70	95.60	97.70	94.10
1986	18	9999	83.00	95.00	97.30	98.00	95.20
1986	19	10999	86.50	96.00	97.70	98.40	96.10
1986	20	11,000<=	100.00	100.00	100.00	100.00	100.00
1988	1	250	0.1	0.1	0.0	0.0	0.0
1988	2	499	0.5	1.1	0.1	1.3	0.0
1988	3	749	0.9	3.7	2.2	4.7	1.0
1988	4	999	1.3	8.2	6.7	12.3	1.6
1988	5	1249	2.3	13.4	12.1	22.1	3.6
1988	6	1499	3.5	19.9	20.2	31.7	4.9
1988	7	1999	7.3	32.8	40.3	50.5	10.7
1988	8	2499	12.5	44.6	55.4	64.1	16.9
1988	9	2999	18.5	55.3	66.4	73.3	24.3
1988	10	3499	23.7	62.3	74.9	79.5	28.4
1988	11	3999	29.0	68.5	80.6	84.0	34.5
1988	12	4499	35.6	74.5	84.4	87.2	43.6
1988	13	4999	40.4	78.5	. 87.8	89.9	48.6
1988	14	5999	50.5	84.4	91.2	93.7	60.5
1988	15	6999	58.7	88.3	94.1	95.5	68.7
1988	16	7999	65.3	91.0	95.8	96.7	74.1
1988	17	8999	70.7	93.9	97.0	97.5	77.4
1988	18	9999	74.5	95.1	97.5	98.4	81.0
1988	19	10999	78.0	96.5	98.0	98.8	84.2
1988	20	11,000<=	100.0	100.0	100.0	100.0	100.0
Source:	Natio	nal Statistical Office. C	lifice of the Pric	ne Minister			

Source: National Statistical Office, Office of the Prime Minister,
THE 1986 HOUSEHOLDS SOCIO-ECONOMIC SURVEY
THE 1988 HOUSEHOLDS SOCIO-ECONOMIC SURVEY

Changwat / Region	GPP at Current N		GPP at 1972 Pric	
ВМА	1986 460,865,150	1988 674,061,385	1986	1988
Central	235,492,684	303,008,671	166,595,196 86,263,715	223,521,872 101,473,539
Northern	134,027,090	181,808,891	54,628,048	64,140,191
Northeastern		202,274,239	65,410,896	75,120,690
Southern	107,421,611	145,823,301	40,592,297	48,210,143
		4		
Bangkok	369,193,825	530,607,442	134,509,643	178,805,100
Nonthaburi	17,354,534	28,909,032	5,840,120	8,784,029
Samut Prakan	45,595,680	79,298,394	16,211,173	24,646,479
Pathum Thani Nakhon Pathom	28,721,111 13,755,957	35,246,517 17,836,536	10,034,260 5,612,129	11,286,264 6,337,600
Samut Sakhon	16,166,805	21,216,409	5,820,041	7,068,030
Chai Nat	5,504,664	7,049,188	2,277,870	2,435,763
Ayutthaya	10,697,949	13,040,489	4,318,878	4,632,024
Ang Thong	3,888,443	5,079,249	1,583,392	1,776,666
Saraburi	17,212,198	26,070,046	6,409,399	8,533,231
Lop Buri	9,912,384	13,950,757	4,141,169	5,042,969
Sing Buri	3,278,712		1,383,904	1,471,784
Prachin Buri Nakhon Nayok	9,334,113 2,799,071	12,757,553 3,910,717	4,001,895	4,773,709
Chon Buri	45,522,509	50,960,014	1,146,459 12,771,898	1,390,200 15,639,732
Rayong	12,022,640	15,480,730		4,560,728
Chachoengsao	15,635,828	23,713,699	5,033,807	6,645,042
Chanthaburi	6,091,263	8,022,380	2,339,368	2,791,854
Trat	3,461,639	4,431,149	1,264,418	1,470,306
Phetchaburi	7,331,007	8,958,706	2,874,888	3,124,241
Prachuap Khiri Khan	8,716,596	11,669,882	3,423,052	4,066,996
Ratchaburi	14,224,762	16,182,042	5,775,533	6,082,409
Kanchanaburi Samut Songkhram	16,503,387 2,776,205	20,216,569	6,711,408	7,185,836
Suphan Buri	10,656,552	3,270,241 15,084,794	1,034,016 4,486,331	1,146,573 5,297,846
Phitsanulok	8,997,876	12,469,070	3,750,963	4,415,418
Tak	5,397,659	9,425,429	2,333,468	3,197,243
Kampheeng Phet	9,368,603	12,681,274	3,278,964	3,868,131
Sukhotahai	6,934,864	8,729,166	2,846,554	3,101,494
Uttaradit	5,996,979	8,407,676	2,498,032	3,018,836
Nakhon Sawan	14,214,268	19,437,063	5,859,222	6,835,527
Phetchabun	9,287,780	13,502,913		4,955,699
Uthai Thani Phichit	3,844,458 6,041,721	5,356,952 8,614,132	1,596,821 2,513,610	1,883,720 3,008,361
Chiang Mai	21,729,545	28,702,630	8,888,391	10,396,086
Lamphun	4,076,777	5,384,953	1,761,810	2,045,567
Mae Hong Son	1,996,463	2,507,652	778,713	848,812
Chiang Rai	11,263,118	14,818,034	4,867,721	5,612,351
Lampang	11,300,677	14,210,943	3,851,847	4,421,902
Phayao	4,618,201	6,315,293	1,960,876	2,384,859
Phrae	4,911,823	6,127,256	2,032,415	2,256,501
Nan Nakhon Ratchasima	4,046,277 24,780,600	5,118,455 29,691,496	1,715,534 10,321,119	1,889,684 11,461,283
Buri Ram	10,047,165	13,224,140	4,211,438	4,871,390
Chaiyaphum	8,711,651	11,141,247	3,623,016	4,179,511
Ubon Ratchathani	13,955,476	18,456,819	5,779,760	6,711,682
Si Sa Ket	8,417,120	11,092,929	3,679,041	4,160,359
Surin	9,015,748	10,726,634	3,716,991	3,903,660
Yasothon	3,579,388	4,711,254	1,480,469	1,721,210
Udon Thani	14,319,121	18,764,518	5,927,339	6,837,742
Loci Nong Khai	5,568,498	7,462,134 9,381,675	2,369,844	2,674,362
Sakon Nakhon	7,586,799 7,122,090	9,535,891	3,234,670 2,918,580	3,632,691 3,496,704
Nakhon Phanom	4,545,848	5,924,144	1,869,605	2,231,503
Mukdahan	2,077,576	2,590,297	849,789	971,266
Khon Kaen	16,224,068	21,987,948	6,599,187	8,041,013
Roi Et	9,075,076	11,428,124	3,709,804	4,205,171
Maha Sarakham	6,209,293	8,089,586	2,529,684	3,031,030
Kalasin	6,325,836	8,065,403	2,590,560	2,990,113
Nakhon Si Thammarat		20,987,601	6,187,215	7,251,208
Trang	7,469,379	9,898,557	2,736,293	3,069,667
Krabi Phuket	4,571,065 4,969,766	7,398,125 8,465,315	1,743,569 1,998,351	2,184,711 2,832,489
Phangaga	5,533,223	7,370,863	2,088,332	2,266,328
Surat Thani	12,246,356	18,726,860	4,735,656	6,467,222
Ranong	3,543,086	4,404,066	1,151,589	1,328,114
Chumphon	7,375,380	8,783,233	2,925,086	3,228,937
Yala	5,266,387	7,177,358	1,924,373	2,334,202
Narathiwat	6.779,935	9,092,239	2,569,758	2,972,003
Pattani	5,709,131	7,274,934	2,164,795	2,464,111
Songkhla	19,201,967	24,825,048	7,084,829 1,328,793	8,096,595 1,451,018
Satun Phatthalung	3,716,040 4,977,382	4,727,188 6,691,914	1,953,658	2,263,538
Total	1,095,367,888	145,823,301	40,592,297	48,210,143
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Source:

National Accounts Division / NESDB

Sweden   1985	Country	Year	Business Subscriber	Population	Per Capita GDP (US\$)	No. of Employees (thousand)	No. of Main Telephones per Employee
1985   1,085,000		1005	1 007 000	9 242 621	NΙΔ	4 091 0	0.25
1987   1,180,000	Sweden						
Canada 1985 1,200,000 8,400,000 22,608 4,307.0 0.28 1985 2,143,561 25,124,100 14,587 10,646.0 0.20 1986 2,304,820 25,339,801 14,640 10,961.0 0.21 1987 2,622,867 23,309,331 15,557 11,295.0 0.23 1988 2,854.662 25,525,100 17,392 11,689.0 0.24 1999 3,728,398 26,094,200 21,091 11,949.0 0.31 1985 29,417,982 237,019,000 16,628 103,812.0 0.28 1996 30,974,704 239,283,000 17,344 106,247.0 0.29 1988 35,555.97 243,915,000 18,417 109,040.0 0.31 1988 35,555.97 243,915,000 19,704 111,642.0 0.32 1988 35,555.97 243,915,000 19,704 111,642.0 0.32 1988 1,855.033 247,847.000 2,0832 113,964.0 0.33 1988 1,855.033 247,847.000 19,704 111,642.0 0.32 1988 1,855.033 12,851.800 11,711 6,503.1 0.25 1988 1,855.75 11,125.436.00 11,711 6,503.1 0.25 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.4760 16,248,800 12,874 6,925.2 0.26 1988 1,853.85,99 55,14000 10,816 19,725.5 0.24 1989 20,751.04 15,660.136 18,125 7,321.4 0.28 1987 1,518.460 55,356,400 12,958 19,846.8 0.26 1988 1,853.85,99 55,14000 16,740 20,357.3 0.21 Neterlands 1985 1,162.500 14,454.000 9,345 4,876.4 0.24 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1988 1,451.18 14,713.600 14,583 5,748.0 0.25 1,451.19 1,451.10 1,451.10 1,451.10 1,451.10 0.24 1,451.10 1,451.10 0.24 1,451.10 1,451.10 0.24 1,451.10 1,451.10 0.24 1,451.10 0.24 1,451.10 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,451.10 0.24 1,4				8,382,000			
Canada							
1986   2.304,820   25,359,800   14,640   10,961.0   0.21     1987   2.622,867   25,309,331   15,557   11,295.0   0.23     1988   2.854,662   25,625,100   17,392   11,689.0   0.24     1989   3,728,398   26,094,200   21,091   11,949.0   0.31     1985   30,974,704   239,283,000   17,344   106,247.0   0.29     1987   33,855,937   243,915,000   18,417   109,040.0   0.31     1989   37,050,337   247,847,000   20,832   113,964.0   0.32     1987   13,845,937   243,847,000   12,131   6,260.5   0.25     1987   17,010,212   16,018,400   11,672   6,689.9   0.25     1987   17,701,212   16,018,400   11,672   6,689.9   0.25     1987   13,847,600   16,628,800   12,874   6,995.2   0.25     1987   13,844,760   16,628,800   12,874   6,995.2   0.25     1988   1,344,760   16,628,800   12,874   6,995.2   0.25     1989   2,075,104   15,606,155   18,125   7,321.4   0.28     1987   5,186,605   55,516,4700   0.816   19,725.5   0.24     1987   5,186,605   55,514,700   0.816   19,725.5   0.24     1987   5,188,600   55,356,400   12,938   19,846.8   0.26     1988   5,385,959   55,514,700   16,740   20,357.3   0.21     Neterlands   1985   1,616,2500   14,454,000   9,345   4,876.4   0.24     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1988   1,415,118   14,713,600   14,833   5,748.0   0.25     1989   1,515,840   14,805,000   10,033   N.A.     1988   1,415,118   14,713,600   14,833   5,748.0   0.25     1987   1,338,438   14,615,100   12,434   1,311.0   0.24     1988   1,428,000   12,000,800   10,431   24,397.0   0.23     1989   1,251,840   14,805,000   1,434   0.25     1989   1,351,440   3,391,300   8,497   1,393.0   0.20     1987   1,316,000   12,248,000   10,003   N.A.     1988   1,428,000   12,000   10,431   24,397.0   0.23     1989   1,351,440   3,391,300   8,497   1,393.0   0.24     1989   1,351,400   12,248,000   10,003   N.A.     1989   1,351,400   12,248,000   10,003   N.A.     1989   1,350,000   13,3100   11,710   50,000     1,380,000   1,346   0.25     1,381,000   1,346   0.25     1,381,000   1,346   0.25     1,381,0	Canada						
1987   2,622,867   25,309,331   15,557   11,295.0   0.23     1988   2,845.662   25,625,100   17,392   11,689.0   0.24     1985   3,728,398   26,094,200   21,091   11,949.0   0.31     1986   30,974,704   239,283,000   17,344   106,247.0   0.29     1987   33,855,937   243,915,000   18,417   109,040.0   0.31     1989   37,050,337   243,915,000   18,417   109,040.0   0.31     1989   37,050,337   247,847,000   20,832   113,964.0   0.33     1986   1,656,063   15,851,800   11,771   6,503.1   0.25     1987   1,701   212   16,1018,400   11,672   6,689.9   0.25     1988   1,834,760   16,248,800   12,874   6,925.2   0.26     1989   2,075,104   15,606,155   81,125   7,321.4   0.28     1984   4,641,324   55,214,000   10,816   19,725.5   0.24     1985   4,491,70   57,100,100   16,740   20,357.3   0.21     1986   1,222,800   14,529,000   16,740   20,357.3   0.21     Neterlands   1985   1,162,500   14,454,000   9,345   4,876.4   0.24     1986   1,222,800   14,529,000   10,033   N.A.     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1989   1,415,118   14,713,600   14,583   5,748.0   0.25     1989   1,499,000   2,293,000   1,380.0   0.20     1987   1,344,348   14,615,100   11,750   5,583.0   0.24     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1988   1,415,118   14,713,600   15,746   54,200.0   0.20     1989   1,223,000   13,913,000   7,116   N.A.     1981   1,476,000   56,799,000   12,434   1,311.0   0.24     1,986   1,223,000   1,2434   1,311.0   0.24     1,986   1,223,000   1,2434   1,311.0   0.24     1,986   1,223,000   1,2438   1,2604   N.A.     1,986   1,223,000   1,2438   1,2604   N.A.     1,986   1,223,000   1,2438   1,2604   N.A.     1,987   1,314,000   1,314,000   1,314   1,314,000     1,988   1,345,000   1,345,000   1,345   1,346,00     1,986   1,223,	Canada						
United States   1985   24,1798, 237,1019,000   11,949,0   0.31   1987   33,855,937   243,915,000   17,344   106,247,0   0.29   1987   33,855,937   243,915,000   18,417   109,040,0   0.31   1989   37,050,337   247,847,000   20,832   113,964,0   0.32   1986   1,656,063   15,843,800   11,771   6,503,1   0.25   1987   1,701,212   16,184,000   11,672   6,689,9   0.25   1988   1,834,760   16,248,800   12,874   6,925,2   0.26   1988   1,834,760   16,248,800   12,874   6,925,2   0.26   1988   1,834,4760   16,248,800   12,874   6,925,2   0.26   1988   1,845,800   12,874   6,925,2   0.26   1988   1,845,800   12,874   6,925,2   0.26   1988   4,641,324   55,214,000   0,816   19,725,5   0.24   1988   5,385,959   55,514,700   16,118   20,052,2   0.27   1989   2,075,104   15,666,156   18,125   7,321,4   0.28   1988   5,385,959   55,514,700   16,118   20,052,2   0.27   1989   2,491,70   57,100,100   16,740   20,357,3   0.21   1989   2,491,70   57,100,100   16,740   20,357,3   0.21   1989   2,491,70   57,100,100   16,740   20,357,3   0.21   1989   2,289   1,415,118   14,713,600   14,583   5,748,0   0.25   1988   1,415,118   14,713,600   14,583   5,748,0   0.25   1989   320,899   3,399,000   12,434   1,311,0   0.24   1988   34,2608   3,307,084   0,261   1,346,0   0.25   1988   34,2608   3,307,084   0,261   1,346,0   0.25   1988   34,2608   3,307,084   0,261   1,346,0   0.25   1988   34,2608   3,307,084   0,261   1,346,0   0.25   1988   34,2608   3,307,084   0,261   1,346,0   0.25   1988   34,2608   3,307,084   0,261   1,346,0   0.25   1988   3,466,0   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,27,230   0,28   1,245,30   0,29   1,2434   1,311,0   0,24   1,245   0,			2,622,867	25,309,331			
United States							
1986   30 974 704   239,283 000   17,344   106,247.0   0.29   1987   33,855,937   243,915,000   18,417   109,040.0   0.31   1988   35,552,937   246,113,000   19,704   111,642.0   0.32   1989   37,050,337   247,847,000   12,131   6,260.5   0.25   1986   1,561,715   15,543,600   12,131   6,260.5   0.25   1987   1,701,212   16,018,400   11,672   6,689.9   0.25   1988   1,343,760   16,248,880   12,874   6,925.2   0.26   1989   2,075,104   15,606,156   18,125   7,321.4   0.28   1989   2,075,104   15,606,156   18,125   7,321.4   0.28   1989   2,075,104   15,606,156   18,125   7,321.4   0.28   1989   4,749,505   54,979,000   9,803   19,643.7   0.24   1989   4,249,170   55,356,400   12,958   19,846.8   0.26   1989   4,249,170   55,356,400   12,958   19,846.8   0.26   1989   4,249,170   57,100,100   16,740   20,357.3   0.21   1989   4,249,170   57,100,100   16,740   20,357.3   0.21   1989   4,249,170   57,100,100   16,740   20,357.3   0.21   1989   1,518,400   14,529,000   10,033   N.A.   1986   1,222,800   14,529,000   10,033   N.A.   1988   1,15,118   14,713,600   14,583   5,748.0   0.25   1989   1,518,400   14,605,000   15,109   4,869.0   0.32   1989   1,518,400   14,805,000   15,109   4,869.0   0.32   1988   320,899   3,399,000   12,434   1,311.0   0.24   1985   13,926,000   11,9316,000   11,210   5,980.0   0.26   1987   14,729,000   12,913   13,144   3,291,300   12,434   1,311.0   0.24   1985   13,926,000   12,438,000   12,434   1,311.0   0.24   1985   1,428,000   12,000,800   12,434   1,311.0   0.24   1985   1,428,000   12,000,800   12,434   1,311.0   0.24   1985   1,428,000   12,000   15,746   54,220.0   0.27   1987   14,792,000   12,438,000   12,434   1,311.0   0.24   1985   1,428,000   12,498,000   12,434   1,311.0   0.24   1985   1,428,000   12,498,000   12,498   1,498,000   0.25   1,498   1,498,000   1,498   1,498,000   1,4642   N.A.   1,499,000   1,4642   N.A.   1,499,000   1,4640   N.A.   1,499,	71 % 1 Common						
1987   33,855,937   243,915,000   18,417   109,040.0   0.31   1988   37,050,337   247,847,000   20,832   113,964.0   0.32   1989   37,050,337   247,847,000   20,832   113,964.0   0.33   1987   1,701,212   16,018,400   11,672   6,689.9   0.25   1988   1,334,760   16,248,800   12,874   6,925.2   0.26   1989   2,075,104   15,606,156   18,125   7,321.4   0.28   1989   2,075,104   15,606,156   18,125   7,321.4   0.28   1987   4,759,550   54,979,000   9,803   19,643.7   0.24   1987   5,184,600   55,356,400   10,816   19,725.5   0.24   1987   5,184,600   55,356,400   10,816   19,725.5   0.24   1988   5,385,959   55,514,700   16,118   20,052.2   0.27   1989   4,249,170   57,100,100   16,740   20,357.3   0.21   1986   1,162,500   14,529,000   10,033   N.A.   1987   1,338,438   14,615,100   11,750   5,583.0   0.24   1988   1,415,118   14,713,600   14,833   5,748.0   0.25   1988   3,384,88   14,451,100   14,833   5,748.0   0.25   1988   3,326,000   15,100   4,869.0   0.32   1988   342,608   3,307,084   10,261   1,346.0   0.25   1988   1,415,118   14,713,600   14,533   5,748.0   0.25   1988   342,608   3,307,084   10,261   1,346.0   0.25   1988   1,415,118   14,713,600   14,533   5,748.0   0.25   1988   1,415,118   14,713,600   14,533   5,748.0   0.25   1988   1,415,118   14,713,600   14,529,000   1,380.0   0.20   1,380.	Chineo praies						
Australia 1989 37,050,1337 247,847,000 20,832 113,964.0 0.33  Australia 1985 1,561,715 15,543,600 11,171 6,503.1 0,25 1986 1,656,063 15,851,800 11,771 6,503.1 0,25 1988 1,334,760 16,248,800 11,672 6,688.9 0.25 1989 2,075,104 15,606,156 18,125 7,321.4 0.28 1989 2,075,104 15,606,156 18,125 7,321.4 0.28 1986 4,641,324 55,214,000 10,816 19,725.5 0,24 1987 5,184,600 55,356,400 12,978 19,846.8 0.26 1989 4,249,170 57,100,100 16,740 20,357.3 0,21 1987 1,338,438 14,615,100 11,750 5,583.0 0,24 1987 1,338,438 14,615,100 11,750 5,583.0 0,24 1987 1,338,438 14,615,100 11,750 5,583.0 0,24 1988 1,151,18 41,713,600 14,833 5,748.0 0,25 1989 1,551,840 14,805,000 15,109 4,869.0 0,32 1987 315,144 3,291,200 7,009 1,380,0 0,20 1987 315,144 3,291,200 7,009 1,380,0 0,20 1987 315,144 3,291,200 7,009 1,380,0 0,20 1987 315,144 3,291,200 8,497 1,393.0 0,23 1988 342,608 3,307,084 10,261 1,346.0 0,25 1989 320,899 33,390,00 7,009 1,380,0 0,20 1987 14,792,000 12,1910,000 15,746 54,220,0 0,27 1988 15,431,000 122,458,000 20,925 55,370.0 0,24 1988 14,28,000 120,008,000 12,792 33,580.0 0,27 1988 15,431,000 122,458,000 20,925 55,370.0 0,28 1989 14,792,000 121,910,000 15,746 54,220,0 0,27 1988 15,431,000 122,458,000 20,925 55,370.0 0,28 1989 1,476,000 56,431,000 12,248 10,2				243,915,000			
Australia 1985 1,561,715 15,543,600 12,131 6,260.5 0.25 1986 1,656,663 15,851,800 11,771 6,503.1 0.25 1987 1,701,212 16,018,400 11,672 6,688.9 0.25 1987 1,701,212 16,018,400 11,672 6,688.9 0.25 1989 2,075,104 15,606,156 18,125 7,321.4 0.28 1989 2,075,104 15,606,156 18,125 7,321.4 0.28 1986 4,641,324 55,214,000 10,816 19,725.5 0.24 1986 4,641,324 55,214,000 10,816 19,725.5 0.24 1987 5,184,600 55,356,400 12,958 19,846.8 0.26 1988 5,385,959 55,514,700 16,118 20,052.2 0.27 1989 4,249,170 57,100,100 16,740 20,357.3 0.21 1989 4,249,170 57,100,100 16,740 20,357.3 0.21 1989 1,162,500 14,454,000 9,345 4,876.4 0.24 1986 1,222,800 14,529,000 10,033 N.A. 1987 1,338,438 1,415,118 14,713,600 14,583 5,748.0 0.25 1989 1,551,840 14,805,000 15,109 4,869.0 0.32 1988 3,415,118 14,713,600 14,583 5,748.0 0.25 1989 1,551,840 14,805,000 15,109 4,869.0 0.32 1988 342,608 3,307,084 10,261 1,346.0 0.25 1988 342,608 3,307,084 10,261 1,346.0 0.25 1989 1989 320,899 3,359,000 12,434 1,311.0 0.24 1988 342,608 3,307,084 10,261 1,346.0 0.25 1989 18,513,926,000 119,316,000 12,792 33,580.0 0.27 1988 15,431,000 122,458,000 20,925 55,370.0 0.28 1989 15,431,000 122,278,000 15,109 4,869.0 0.25 1989 15,431,000 122,278,000 15,104 13,46.0 0.25 1989 16,213,000 122,008,000 12,792 33,580.0 0.27 1988 15,431,000 122,278,000 15,746 54,220.0 0.27 1988 15,431,000 122,278,000 20,925 55,370.0 0.28 1989 3,253,000 12,234 4 1,311.0 0.24 1989 5,237,000 56,371,000 8,448 23,826.0 0.18 1989 5,237,000 56,371,000 8,448 23,826.0 0.18 1989 5,237,000 56,371,000 8,464 N.A. 1989 5,237,000 56,371,000 8,464 N.A. 1986 3,654,094 57,225,000 8,636 18,765.0 0.19 1987 13,783,277 57,731,3000 7,187 1,139,4 0.19 1987 124,434 2,28,000 7,345 1,073.3 0.19 1987 13,783,277 57,731,3000 7,187 1,139,4 0.19 1987 13,783,277 57,731,3000 7,187 1,139,4 0.19 1987 13,783,277 57,731,3000 7,187 1,139,4 0.19 1987 124,743 2,600,000 7,787 1,139,4 0.19 1987 124,743 2,600,000 7,787 1,139,4 0.19 1987 124,743 2,600,000 7,009 13,386.0 0.13 1987 14,500,000 13,386.0 0.13 1987 14,600,000 13,386.0 0.13 1987 14,600,00							
1986   1,656,063   15,851,800   11,771   6,503.1   0.25     1987   1,701,212   16,018,400   11,672   6,689.9   0.25     1988   1,834,760   16,248,830   12,874   6,925.2   0.76     1989   2,075,104   15,606,156   18,125   7,321.4   0.28     1985   4,641,324   55,214,000   10,816   19,725.5   0.24     1986   4,641,324   55,214,000   10,816   19,725.5   0.24     1987   5,184,600   55,356,400   12,958   19,846.8   0.26     1988   5,385,959   55,514,700   16,118   20,052.2   0.27     1989   4,249,170   57,100,100   16,740   20,357.3   0.21     1986   1,222,800   14,529,000   10,033   N.A.     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1988   1,451,118   14,713,600   34,383   5,748.0   0.25     1989   1,551,840   14,805,000   15,109   4,869.0   0.32     New Zealand   1985   275,757   3,290,100   3,100   3,489   0.25     1987   315,144   3,291,300   7,106   N.A.     1987   315,144   3,291,300   3,497   1,393.0   0.23     1988   342,608   3,307,084   10,261   1,346.0   0.25     1988   342,608   3,307,084   10,261   1,346.0   0.25     1987   14,792,000   12,910,000   12,910   12,910   0.26     1988   14,228,000   120,008,000   12,792   53,580.0   0.27     1988   14,231,000   122,970,000   N.A.   56,650.0   0.29     1988   14,769,000   56,371,000   3,448   23,926.0   0.18     1989   3,554,011   2,713,000   3,441   19,195.0   0.18     1989   5,227,000   56,472,000   3,448   23,926.0   0.18     1987   3,783,227   57,313,000   7,007   18,598.0   0.19     1988   3,555,303   57,406,000   3,411   19,195.0   0.21     1988   3,546,112   57,103,000   7,187   1,139,4   0.19     1989   3,783,227   57,313,000   7,187   1,139,4   0.19     1989   3,783,227   57,313,000   7,187   1,139,4   0.19     1989   3,783,227   57,313,000   7,187   1,139,4   0.19     1989   3,783,227   57,313,000   7,187   1,139,4   0.19     1989   3,783,227   57,313,000   7,187   1,139,4   0.19     1981   3,784,223   3,797,000   3,646   1,233,1   0.20     1981   3,849,347   3,390,000   3,448   3,449,350   0.13     1989   1,869,283   4,197,500	Acceptable						
1987   1,701,212   16,018,400   11,672   6,688,9   0.25     1988   1,834,760   16,248,800   12,874   6,925,2   0.26     1989   2,075,104   15,606,156   18,125   7,321.4   0.28     1985   4,759,550   54,979,000   9,803   19,643.7   0.24     1986   1,846,600   55,256,400   10,816   19,725.5   0.24     1987   5,184,600   55,556,400   12,958   19,846.8   0.26     1988   5,385,959   55,514,700   16,118   20,052,2   0.27     1989   4,249,170   57,100,100   16,740   20,357.3   0.21     Neterlands   1985   1,162,500   14,454,000   9,345   4,876.4   0.24     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1989   1,551,840   14,805,000   15,109   4,869.0   0.32     New Zealand   1985   272,537   3,291,300   7,116   N.A.     1987   315,144   3,291,300   8,497   1,393.0   0.23     1988   342,668   3,307,084   10,261   1,346.0   0.25     1988   14,280,000   12,910,000   12,245   1,311.0   0.24     1989   320,899   3,359,000   12,434   1,311.0   0.24     1980   12,28,000   122,910,000   12,792   53,580.0   0.26     1987   14,792,000   121,910,000   15,746   54,220.0   0.27     1988   15,431,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,432,000   8,969   23,928.0   0.18     1989   5,237,000   56,432,000   8,969   23,928.0   0.18     1989   5,237,000   56,432,000   8,969   23,928.0   0.18     1989   1,364,000   54,731,281   12,804   N.A.     14aly   1985   3,546,112   57,103,000   7,761   18,598.0   0.19     1988   3,654,004   57,225,000   8,636   18,765.0   0.19     1988   3,955,303   57,466,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   3,640   13,411   19,195.0   0.21     1989   2,474,33   2,650,000   7,761   18,598.0   0.19     1989   2,75,757   2,670,000   1,622   1,271.5   0.22     1989   1,689,283   4,759,000   5,048   1,495.0   0.13     1988   3,495,504   3,497,500   5,048   1,495.0   0.13     1989   1,869,283   4,197,500   5,04	Austrana						
1989   2,075,104   15,606,156   18,125   7,321.4   0.28     1986   4,759,550   54,979,000   9,803   19,643.7   0.24     1987   5,184,600   55,214,000   10,816   19,725.5   0.24     1988   5,385,959   55,514,700   16,118   20,052.2   0.27     1989   4,249,170   57,100,100   16,740   20,357.3   0.21     Neterlands   1985   1,162,500   14,454,000   9,345   4,876.4   0.24     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1989   1,551,840   14,805,000   15,109   4,869.0   0.32     New Zealand   1985   277,570   3,291,300   7,116   N.A.     1987   315,144   3,291,300   8,497   1,393.0   0.23     1988   342,668   3,307,884   10,261   1,346.0   0.25     1988   342,668   3,307,884   10,261   1,346.0   0.25     1989   320,899   3,359,000   12,434   1,311.0   0.24     1985   13,926,000   119,316,000   11,210   52,980.0   0.26     1987   14,792,000   122,910,000   12,792   53,580.0   0.27     1988   15,431,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,371,000   8,488   23,826.0   0.18     1989   3,239,000   54,731,281   12,804   N.A.     1989   5,237,000   56,739,000   7,761   18,598.0   0.19     1989   3,249,000   54,731,281   12,804   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   2,237,000   56,799,000   14,642   N.A.     1989   1,241,341   1,251,341   1,2504   N.A.     1989   1,241,341   1,2504   N.A.     1980   1,241,341   1,241,341   1,2504   N.A.     1981   1,241,341   1,241,341   1,241,341   1,241,341   1,2			1,701,212	16,018,400			
France 1985 4,759,550 54,979,000 9,803 19,643.7 0.24 1986 4,641,324 55,214,000 10,816 19,725.5 0.24 1987 5,184,600 55,356,400 12,958 19,846.8 0.26 1988 5,385,959 55,514,700 16,118 20,052.2 0.27 1989 4,249,170 57,100,100 16,740 20,357.3 0.21 1981 1,162,500 14,454,000 9,345 4,876.4 0.24 1986 1,222,800 14,529,000 10,033 N.A. 1987 1,338,438 14,615,100 11,750 5,583.0 0.24 1988 1,415,118 14,713,600 14,583 5,748.0 0.25 1988 1,415,118 14,713,600 14,583 5,748.0 0.25 1988 1,415,118 14,713,600 15,109 4,869.0 0.32 1987 13,514 3,291,300 7,116 N.A. 1986 272,537 3,291,300 7,116 N.A. 1986 272,537 3,291,300 7,116 N.A. 1986 272,537 3,291,300 7,009 1,380.0 0.20 1987 315,144 3,291,300 8,497 1,393.0 0.23 1988 342,608 3,307,084 10,261 1,346.0 0.25 1988 13,926,000 119,316,000 11,210 52,980.0 0.26 1986 14,228,000 19,316,000 12,434 1,311.0 0.24 1985 13,926,000 119,316,000 11,210 52,980.0 0.26 1987 14,792,000 121,910,000 15,746 54,220.0 0.27 1987 14,792,000 122,458,000 29,25 55,370.0 0.22 1989 16,213,000 122,2458,000 29,25 55,370.0 0.22 1989 16,213,000 56,432,000 8,969 23,928.0 0.18 1986 4,379,000 56,432,000 8,969 23,928.0 0.18 1986 5,247,000 56,371,000 8,462 N.A. 1989 5,237,000 56,432,000 7,761 18,598.0 0.19 1986 3,654,094 57,225,000 16,4642 N.A. 1989 5,237,000 56,432,000 7,761 18,598.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 3,955,303 57,466,000 7,761 18,598.0 0.19 1986 218,928 2,573,000 7,761 18,598.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 1,988 3,955,303 57,466,000 7,761 18,598.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 1,988 2,937,000 56,432,000 3,768 12,331.0 0.20 18,817.0 0.20 1988 1,988 3,955,303 57,466,000 7,761 18,598.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 1,988 2,937,000 56,432,000 3,600 13,411 19,195.0 0.21 1988 1,689,377 42,082,000 7,768 11,237.0 0.11 1986 1,409,504 40,466,577 2,630 11,843.0 0.12 1998 1,869,283 41,975,000 5,048 14,095.0 13 18,800 13,800 13,800 1							
1986	V						
1987   5,184,600   55,356,400   12,958   19,846.8   0.26     1988   5,385,959   55,514,700   16,118   20,052.2   0.27     1989   4,249,170   57,100,100   16,740   20,357.3   0.21     1986   1,222,800   14,529,000   10,033   N.A.     1987   1,338,438   14,615,100   11,750   5,583.0   0.24     1988   1,415,118   14,713,600   14,583   5,748.0   0.25     1989   1,551,840   14,805,000   15,109   4,869.0   0.32     1980   277,570   3,291,300   7,116   N.A.     1986   272,537   3,290,100   7,009   1,380.0   0.20     1987   315,144   3,291,300   8,497   1,393.0   0.23     1988   342,608   3,307,084   10,261   1,346.0   0.25     1989   320,899   3,359,000   12,434   1,311.0   0.24     1980   13,926,000   119,316,000   11,210   52,980.0   0.26     1981   14,792,000   21,910,000   15,746   54,220.0   0.27     1981   15,431,000   122,458,000   20,925   55,370.0   0.28     1986   4,379,000   56,371,000   8,448   23,826.0   0.18     1986   4,379,000   56,432,000   8,496   23,928.0   0.18     1987   4,364,000   54,616,091   10,481   24,397.0   0.18     1988   5,237,000   56,739,000   14,642   N.A.     1989   5,237,000   56,739,000   14,642   N.A.     1989   5,237,000   56,739,000   14,642   N.A.     1989   3,753,33   57,466,000   13,411   19,195.0   0.21     1988   3,955,303   57,466,000   7,761   18,598.0   0.19     1988   3,955,303   57,466,000   7,761   18,598.0   0.19     1988   249,034   2,630,000   7,761   18,598.0   0.19     1989   1,938,35   57,527,000   15,051   19,208.0   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1998   1,550,847   41,161,000   2,986   1,2734.0   0.12     1998   1,689,377   2,660,000   7,708   1,182.5   0.19     1998   1,689,377   4,082,000   5,060   13,480   0.13     1998   1,698,283   41,975,000   5,048   14,095.0   0.13     1998   1,869,283   41,975,000   5,048   14,095.0   0.13     110ng Kong   1985   573,918   55,513,000   N.A.   948.5   0.48     1997   1,977   1,553,300   N.A.   948.5   0.48     1998   573,918   5,513,000   N.A.   948.5   0.48     199	Lisuce						
Neterlands							
Neterlands							
1986   1,222,800   14,529,000   10,033   N.A.   1987   1,338,438   1,415,110   11,750   5,583.0   0.24   1988   1,415,118   14,713,600   14,583   5,748.0   0.25   1989   1,551,840   14,805,000   15,109   4,869.0   0.32   1989   272,573   3,290,100   7,009   1,380.0   0.20   1987   315,144   3,291,300   8,497   1,393.0   0.23   1987   315,144   3,291,300   8,497   1,393.0   0.23   1988   342,608   3,307,084   10,261   1,346.0   0.25   1989   320,899   3,359,000   12,434   1,311.0   0.24   1985   13,926,000   119,316,000   11,210   52,980.0   0.26   1986   14,228,000   120,008,000   12,792   53,580.0   0.27   1987   14,792,000   121,910,000   15,746   54,220.0   0.27   1988   15,431,000   122,478,000   20,925   55,370.0   0.28   1989   16,213,000   122,478,000   20,925   55,370.0   0.28   1986   4,379,000   56,432,000   8,484   23,826.0   0.18   1986   4,379,000   56,432,000   8,969   23,928.0   0.18   1987   4,364,000   56,432,000   8,969   23,928.0   0.18   1987   4,364,000   56,432,000   7,761   18,598.0   0.19   1987   3,783,227   57,313,300   7,761   18,598.0   0.19   1986   3,654,094   57,225,000   8,636   18,765.0   0.19   1987   3,783,227   57,313,300   7,505   19,208.0   0.22   1988   3,955,303   57,406,000   7,761   18,598.0   0.22   1988   3,955,303   57,406,000   13,411   19,195.0   0.21   1988   3,955,303   57,406,000   13,411   19,195.0   0.21   1988   3,955,303   57,406,000   7,761   18,598.0   0.22   1985   224,743   26,000,000   7,708   1,182.5   0.19   1986   218,928   2,573,000   7,086   1,277.0   0.11   1988   1,289,835   57,527,000   5,048   1,233.1   0.20   1989   275,757   2,670,000   7,086   1,277.0   0.11   1988   1,289,377   4,260,000   7,345   1,273.3   0.19   1987   1,550,847   41,161,000   2,986   12,774.0   0.12   1988   1,689,377   4,082,000   3,600   13,386.0   0.13   1988   1,689,377   4,082,000   3,600   13,386.0   0.13   1988   1,689,377   4,082,000   3,600   13,386.0   0.13   1988   1,689,377   4,082,000   3,600   13,386.0   0.13   1988   1,689,377   4,082,000   3,600   13,38	NT-x-diada						
1987	Metemands						
New Zealand   1985   257,570   3,291,300   7,116   N.A.     1986   272,537   3,290,100   7,009   1,380.0   0,20     1987   315,144   3,291,300   8,497   1,393.0   0,23     1988   342,608   3,307,084   10,261   1,346.0   0,25     1989   320,899   3,359,000   12,434   1,311.0   0,24     1980   14,228,000   119,316,000   11,210   52,980.0   0,26     1981   14,228,000   120,008,000   12,792   53,580.0   0,27     1987   14,792,000   121,910,000   15,746   54,220.0   0,27     1988   15,431,000   122,458,000   20,925   55,370.0   0,28     1989   16,213,000   122,970,000   N.A.   56,650.0   0,29     United Kingdom   1985   4,176,000   56,371,000   8,448   23,826.0   0,18     1986   4,379,000   56,432,000   8,696   23,928.0   0,18     1988   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1980   3,654,094   57,225,000   8,636   18,765.0   0,19     1981   3,783,227   57,313,000   10,502   18,817.0   0,20     1988   3,955,303   57,406,000   13,411   19,195.0   0,21     1989   4,193,885   57,527,000   15,051   19,208.0   0,22     Singapore   1985   218,928   2,573,000   7,345   1,073.3   0,19     1986   218,928   2,573,000   7,345   1,073.3   0,19     1987   224,743   2,600,000   7,708   1,182.5   0,19     1988   249,034   2,630,000   8,768   1,233.1   0,20     1989   1,281,568   40,430,137   2,392   11,237.0   0,11     1987   224,743   2,600,000   7,708   1,182.5   0,19     1988   249,034   2,630,000   8,768   1,233.1   0,20     1989   1,550,847   41,161,000   2,986   12,774.0   0,12     1987   1,550,847   41,161,000   2,986   12,774.0   0,12     1987   1,550,847   41,161,000   2,986   12,774.0   0,12     1988   1,689,377   42,082,000   3,600   13,386.0   0,13     1989   1,690,283   41,975,000   5,048   14,095.0   0,13     1980   454,554   5,466,900   N.A.   948.5   0,48     1987   498,571   5,533,000   N.A.   948.5   0,48     1987   498,571   5,533,000   N.A.   948.5   0,48     1987   498,571   5,533,000   N.A.   948.5   0,58						5,583.0	
New Zealand							
1986   272,537   3,290,100   7,009   1,380.0   0.20     1987   315,144   3,291,300   8,497   1,393.0   0.23     1988   342,608   3,307,084   10,261   1,346.0   0.25     1989   320,899   3,359,000   12,434   1,311.0   0.24     1981   13,926,000   119,316,000   11,210   52,980.0   0.26     1987   14,792,000   121,910,000   15,746   54,220.0   0.27     1988   15,431,000   122,458,000   20,925   55,370.0   0.28     1989   16,213,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,371,000   8,448   23,826.0   0.18     1986   4,379,000   56,371,000   8,448   23,826.0   0.18     1987   4,364,000   54,616,091   10,481   24,397.0   0.18     1988   5,237,000   54,731,281   12,804   N.A.     1989   5,237,000   54,731,281   12,804   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1980   3,654,094   57,225,000   8,636   18,765.0   0.19     1981   3,783,227   57,313,000   10,502   18,817.0   0.20     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,708   1,182.5   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1988   249,034   2,630,000   7,708   1,182.5   0.19     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,080,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1980   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   948.5   0.48     1988   573,918   5,613,000   N.A.   988.2   0.58	Mana Gardanal						0.32
1987   315,144   3,291,300   8,497   1,393.0   0.23     1988   342,608   3,307,084   10,261   1,346.0   0.25     1989   320,899   3,359,000   12,434   1,311.0   0.24     1985   13,926,000   19,316,000   11,210   52,980.0   0.26     1986   14,228,000   120,008,000   12,792   53,580.0   0.27     1987   14,792,000   121,910,000   15,746   54,220.0   0.27     1988   15,431,000   122,458,000   20,925   55,370.0   0.28     1989   16,213,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,371,000   8,448   23,826.0   0.18     1986   4,379,000   56,432,000   8,969   23,928.0   0.18     1987   4,364,000   54,616,091   10,481   24,397.0   0.18     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   7,761   18,598.0   0.19     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1987   1,500,847   41,010,000   5,048   14,095.0   0.13     1989   1,369,283   41,975,000   5,048   14,095.0   0.13     1989   1,369,283   41,975,000   5,048   14,095.0   0.13     1989   1,369,283   41,975,000   5,048   14,095.0   0.13     1989   1,369,283   41,975,000   5,048   14,095.0   0.13     1989   1,369,283   41,975,000   5,048   14,095.0   0.13     1989   1,369,283   41,975,000   5,048   14,095.0   0.13     1980   1,369,283   41,975,000   5,048   14,095.0   0.13     1981   1,369,283   41,975,000   5,048   14,095.0   0.13     1983   573,918   5,5613,000   N.A.   948.5   0.48	New Zestand						0.20
1989   320,899   3,359,000   12,434   1,311.0   0.24     Jpanan   1985   13,926,000   119,316,000   11,210   52,980.0   0.26     1986   14,228,000   120,008,000   12,792   53,580.0   0.27     1987   14,792,000   121,910,000   15,746   54,220.0   0.27     1988   15,431,000   122,458,000   20,925   55,370.0   0.28     1989   16,213,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,371,000   8,448   23,826.0   0.18     1986   4,379,000   56,432,000   8,969   23,928.0   0.18     1987   4,364,000   54,616,091   10,481   24,397.0   0.18     1988   5,040,000   54,731,281   12,804   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   3,654,094   57,225,000   8,636   18,765.0   0.19     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     Hong Kong   1985   419,861   5,397,500   N.A.   916.0   0.46     1988   573,918   5,613,000   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58				3,291,300			
Teach   1985   13,926,000   119,316,000   11,210   52,980.0   0.26     1986   14,228,000   120,008,000   12,792   53,580.0   0.27     1987   14,792,000   121,910,000   15,746   54,220.0   0.27     1988   15,431,000   122,458,000   20,925   55,370.0   0.28     1989   16,213,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,371,000   8,448   23,826.0   0.18     1986   4,379,000   56,432,000   8,969   23,928.0   0.18     1987   4,364,000   54,731,281   12,804   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   7,761   18,598.0   0.19     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,708   1,182.5   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1980   454,554   5,466,900   N.A.   916.0   0.46     1988   573,918   5,613,000   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58			•				
1986   14,228,000   120,008,000   12,792   53,580.0   0.27     1987   14,792,000   121,910,000   15,746   54,220.0   0.27     1988   15,431,000   122,458,000   20,925   55,370.0   0.28     1989   16,213,000   122,970,000   N.A.   56,650.0   0.29     United Kingdom   1985   4,176,000   56,371,000   8,448   23,826.0   0.18     1986   4,379,000   56,432,000   8,969   23,928.0   0.18     1987   4,364,000   54,616,091   10,481   24,397.0   0.18     1988   5,040,000   54,731,281   12,804   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,345   1,073.3   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1980   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   948.5   0.48     1988   573,918   5,613,000   N.A.   988.2   0.58							
1987	) panan						
United Kingdom 1985 16,213,000 122,970,000 N.A. 56,650.0 0.29  United Kingdom 1985 4,176,000 56,371,000 8,448 23,826.0 0.18 1986 4,379,000 56,432,000 8,969 23,928.0 0.18 1987 4,364,000 54,616,091 10,481 24,397.0 0.18 1988 5,040,000 54,731,281 12,804 N.A. 1989 5,237,000 56,799,000 14,642 N.A.  Italy 1985 3,546,112 57,103,000 7,761 18,598.0 0.19 1986 3,654,094 57,225,000 8,636 18,765.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 3,955,303 57,406,000 13,411 19,195.0 0.21 1989 4,193,885 57,527,000 15,051 19,208.0 0.22  Singapore 1985 207,758 2,544,000 7,345 1,073.3 0.19 1986 218,928 2,573,000 7,187 1,139.4 0.19 1987 224,743 2,600,000 7,708 1,182.5 0.19 1988 249,034 2,630,000 8,768 1,233.1 0.20 1989 275,757 2,670,000 10,622 1,271.5 0.22 Korea, Rep. 1985 1,281,568 40,430,137 2,392 11,237.0 0.11 1986 1,409,504 40,466,577 2,630 11,843.0 0.12 1987 1,550,847 41,161,000 2,986 12,774.0 0.12 1988 1,689,377 42,082,000 3,600 13,386.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58						54,220.0	0.27
United Kingdom 1985 4,176,000 56,371,000 8,448 23,826.0 0.18 1986 4,379,000 56,432,000 8,969 23,928.0 0.18 1987 4,364,000 54,616,091 10,481 24,397.0 0.18 1989 5,040,000 54,731,281 12,804 N.A. 1989 5,237,000 56,799,000 14,642 N.A.  Italy 1985 3,546,112 57,103,000 7,761 18,598.0 0.19 1986 3,654,094 57,225,000 8,636 18,765.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 3,955,303 57,406,000 13,411 19,195.0 0.21 1989 4,193,885 57,527,000 15,051 19,208.0 0.22  Singapore 1985 207,758 2,544,000 7,345 1,073.3 0.19 1986 218,928 2,573,000 7,187 1,139.4 0.19 1987 224,743 2,600,000 7,187 1,139.4 0.19 1988 249,034 2,630,000 8,768 1,233.1 0.20 1989 275,757 2,670,000 10,622 1,271.5 0.22  Korea, Rep. 1985 1,281,568 40,430,137 2,392 11,237.0 0.11 1986 1,409,504 40,466,577 2,630 11,843.0 0.12 1987 1,550,847 41,161,000 2,986 12,774.0 0.12 1988 1,689,377 42,082,000 3,600 13,386.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.33 Hong Kong 1985 419,861 5,397,500 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51				122,458,000			
1986	** * ***						
1987   4,364,000   54,616,091   10,481   24,397.0   0.18     1988   5,040,000   54,731,281   12,804   N.A.     1989   5,237,000   56,799,000   14,642   N.A.     1985   3,546,112   57,103,000   7,761   18,598.0   0.19     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1986   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58	United Kingdom						
1989   5,237,000   56,799,000   14,642   N.A.     1985   3,546,112   57,103,000   7,761   18,598.0   0.19     1986   3,654,094   57,225,000   8,636   18,765.0   0.19     1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     Singapore   1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1980   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58							
Tally		1988					
1986 3,654,094 57,225,000 8,636 18,765.0 0.19 1987 3,783,227 57,313,000 10,502 18,817.0 0.20 1988 3,955,303 57,406,000 13,411 19,195.0 0.21 1989 4,193,885 57,527,000 15,051 19,208.0 0.22 Singapore 1985 207,758 2,544,000 7,345 1,073.3 0.19 1986 218,928 2,573,000 7,187 1,139.4 0.19 1987 224,743 2,600,000 7,187 1,182.5 0.19 1988 249,034 2,630,000 8,768 1,233.1 0.20 1989 275,757 2,670,000 10,622 1,271.5 0.22 Korea, Rep. 1985 1,281,568 40,430,137 2,392 11,237.0 0.11 1986 1,409,504 40,466,577 2,630 11,843.0 0.12 1987 1,550,847 41,161,000 2,986 12,774.0 0.12 1988 1,689,377 42,082,000 3,600 13,386.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58							0.10
1987   3,783,227   57,313,000   10,502   18,817.0   0.20     1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     1985   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1980   1,869,283   41,975,000   5,048   14,095.0   0.13     1981   1,986   5,397,500   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58	ltaly						
1988   3,955,303   57,406,000   13,411   19,195.0   0.21     1989   4,193,885   57,527,000   15,051   19,208.0   0.22     1986   207,758   2,544,000   7,345   1,073.3   0.19     1986   218,928   2,573,000   7,187   1,139.4   0.19     1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1986   454,554   5,397,500   N.A.   916.0   0.46     1986   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58							
Singapore 1985 207,758 2,544,000 7,345 1,073.3 0.19 1986 218,928 2,573,000 7,187 1,139.4 0.19 1987 224,743 2,600,000 7,708 1,182.5 0.19 1988 249,034 2,630,000 8,768 1,233.1 0.20 1989 275,757 2,670,000 10,622 1,271.5 0.22 1,280,000 1,622 1,271.5 0.22 1,000,000 1,622 1,271.5 0.22 1,000,000 1,622 1,271.5 0.22 1,000,000 1,000,000 1,000,000 1,000,000			3,955,303				and the second s
1986 218,928 2,573,000 7,187 1,139.4 0.19 1987 224,743 2,600,000 7,708 1,182.5 0.19 1988 249,034 2,630,000 8,768 1,233.1 0.20 1989 275,757 2,670,000 10,622 1,271.5 0.22  Korea, Rep. 1985 1,281,568 40,430,137 2,392 11,237.0 0.11 1986 1,409,504 40,466,577 2,630 11,843.0 0.12 1987 1,550,847 41,161,000 2,986 12,774.0 0.12 1988 1,689,377 42,082,000 3,600 13,386.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1980 454,554 5,466,900 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58		_					
1987   224,743   2,600,000   7,708   1,182.5   0.19     1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1986   454,554   5,466,900   N.A.   916.0   0.46     1986   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58	Singapore						
1988   249,034   2,630,000   8,768   1,233.1   0.20     1989   275,757   2,670,000   10,622   1,271.5   0.22     Korea, Rep.   1985   1,281,568   40,430,137   2,392   11,237.0   0.11     1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     Hong Kong   1985   419,861   5,397,500   N.A.   916.0   0.46     1986   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58							
Korea, Rep.       1989       275,757       2,670,000       10,622       1,271.5       0.22         Korea, Rep.       1985       1,281,568       40,430,137       2,392       11,237.0       0.11         1986       1,409,504       40,466,577       2,630       11,843.0       0.12         1987       1,550,847       41,161,000       2,986       12,774.0       0.12         1988       1,689,377       42,082,000       3,600       13,386.0       0.13         1989       1,869,283       41,975,000       5,048       14,095.0       0.13         Hong Kong       1985       419,861       5,397,500       N.A.       916.0       0.46         1986       454,554       5,466,900       N.A.       948.5       0.48         1987       498,571       5,533,000       N.A.       971.8       0.51         1988       573,918       5,613,000       N.A.       988.2       0.58			249,034				
1986   1,409,504   40,466,577   2,630   11,843.0   0.12     1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     1985   419,861   5,397,500   N.A.   916.0   0.46     1986   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58		1989	275,757				
1987   1,550,847   41,161,000   2,986   12,774.0   0.12     1988   1,689,377   42,082,000   3,600   13,386.0   0.13     1989   1,869,283   41,975,000   5,048   14,095.0   0.13     Hong Kong   1985   419,861   5,397,500   N.A.   916.0   0.46     1986   454,554   5,466,900   N.A.   948.5   0.48     1987   498,571   5,533,000   N.A.   971.8   0.51     1988   573,918   5,613,000   N.A.   988.2   0.58	Korea, Rep.						
Hong Kong 1988 1,689,377 42,082,000 3,600 13,386.0 0.13 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1985 419,861 5,397,500 N.A. 916.0 0.46 1986 454,554 5,466,900 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58							
Hong Kong 1989 1,869,283 41,975,000 5,048 14,095.0 0.13 1985 419,861 5,397,500 N.A. 916.0 0.46 1986 454,554 5,466,900 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58					3,600		
1986 454,554 5,466,900 N.A. 948.5 0.48 1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58			1,869,283	41,975,000	5,048	14,095.0	
1987 498,571 5,533,000 N.A. 971.8 0.51 1988 573,918 5,613,000 N.A. 988.2 0.58	Hong Kong						
1988 573,918 5,613,000 N.A. 988.2 0.58							
					4 4 4		

Source:

Business Subscriber, Population:
AT&T. "THE WORLD'S TELEPHONES" 1985-1989
Per Capita GDP:
WORLD BANK, "World Tables 1989 - 90 Edition"
IMF. "YEAR BOOK OF INTERNATIONAL FINANCIAL STATISTICS 1990"
No. of Employees:
ILO, "YEAR BOOK OF LABOUR STATISTICS 1990"

No.	Code	Exchange	ABBR Area	1991	1992	1993	1994	1995	1996
	Adju	sted Demand	1000	1,879,842	2,133,026	2,404,044	2,668,612	2,951,555	3,255,592
		ted Demand per 100 perso	ns	22.70	25,25	27,91	30.37	32,94	35.67
1		Phloen Chit	PNC 1	88,664	99,475	110,887	121,712	133,205	145,381
2	102	Samran Rat	SRR 1	57,531	63,744	70,518	77,453	85,359	94,002
. 3	103	Krung Kasem	KKM 1	25,717	29,116	32,923	36,886	41,418	46,539
4	104	Surawong	SRW 1	93,172		127,034	145,380	165,043	186,614
5		Samsen	SMS 1	17,755		25,900	30,251	34,819	39,544
6		Asok Din Daeng	ASD 1	76,153			107,741	116,468	124,693
. 7	10 Per 2015	Pathum Wan	PTW 1	24,974		30,430	33,344	36,686	40,512
. 8		Sukhumwit	SKW 1	48,851	50,375	51,795	52,691	53,764	55,080
9		Chaiyaphruk	CYP 2				35,561	36,097	36,824
10		Bang Na Khlong Chan	BNA 2 KGC 2				77,003	83,828	91,251
11 12		Khlong Chan Thung Mahamek	KGC 2 TMM 2		81,991 32,337	90,659 36,075	98,735 39,636	107,137 43,428	115,819 47,444
13		Sathupradit	STD 2		20,382		21,981	22,808	23,757
13		Thanon Tok	TNT 2				23,330		27,695
15		Bang Chan	BGC 2				58,134		
16		Phra Khanong	PKG 2				34,109		40,506
17		Hua Mak	HAM 2		•		60,357	67,865	
18		Trok Chan	TKC 2				28,026		
19		Lat Krabang	LKG 2				15,375		
20		Khlong Toei	KTI 2				35,578		45,806
21		On Nut	ONT 2	32,916	36,717	40,500	43,834	47,190	50,636
22	124	Ramkamhaeng(Phruksach			3,279	4,484	5,996	7,869	10,085
23		Samut Prakan	SPK 2						
24		Pu Chao Saming Phrai	PSP 2						
25		Bang Phli	BPL 2						
26		Bang Pu	BGU 2						10,756
27	- 2	Bang Phli Bang Bo	BBB 2				-		
28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thon Buri	TNB 3						
29		Bang Khae	BKE 3						
		Dao Khanong	DKN 3					31,908	
31		Bang Phlat	BGT 3				89,834		
		Phasi Charoen	PSN 3 CSW 3				27,033 45,867	-	-
33 34		Charan Sanitwong Rat Burana	RBN 3						
35		Lat Ya	LTY 3				43,432		49,206
36		Muban Setthakit	MSK 3				42,982		
		Ekkachai	EKC 3				74,627		87,907
38		Nong Khaem	NGK 3				51,824		
39		Phra Pradaeng	PPG 3						
40		Bang Bue Thong	BBT 3						
41		Phahonyothin	PYT 4	And the second second					
42		Inthamara	ITM 4						62,413
		Bang Khen	BGN 4				38,568	40,156	41,945
44		Bang Su	BGS 4	33,279			60,334	71,319	83,206
45	140	Don Muang	DNM 4	61,931	75,494	89,914	104,058	118,148	132,561
46	141	Lak Si	LKS 4	27,439	31,475		40,561	45,682	
47	142	Ram Inthra	RIT 4	48,853			65,218		
		Lat Phrao 1	LTP1 4						
		Lat Phrao 2	LTP2 4						
50		Chaeng Watthana	CWT 4	•					
51		Nonthaburi	NTB 4						
52	2.5	Ngam Wong Wan	NWW 4						
53	- 12	Pak Krei	PKK 4	•					50,787
54		Pathum Thani	PTT 4	•					
55		Rangsit	RST 4	-					
		Thanyaburi	TYB 4						
57 50		Nawa Nakhon	NWN 4						
28	311	Bang Phun	BAN 4	2,393	3,005	3,687	4,404	5,156	5,985

No.	Code	Exchange	ABBR	Area	1997	1998	1999	2000	2001	2002
	Adin	sted Demand			3,563,796	3,870,072	4,181,971	4,493,977	4,800,596	5,040,245
	-	ted Demand per 100 perso	ns		38.35	40.95	43,49	45.94	48.30	49.91
1		Phloen Chit	PNC	1	157,543	169,472	181,296	192,922	204,073	212,118
2		Samran Rat	SRR	1	103,037	112,922	123,295	134,081	145,174	155,172
3		Krung Kasem	KKM	. 1	52,052	58,001	64,345	71,030	78,014	84,264
4		Surawong	SRW	1	209,000	232,140	256,319	281,219	304,998	326,358
5		Samsen	SMS	i	44,064	48,190	51,913	55,192	58,046	59,711
6		Asok Din Daeng	ASD	1	131,938	138,326	144,118	149,282	154,112	156,445
7		Pathum Wan	PTW	1	44,670	49,142	53,978	59,162	64,621	69,460
8	108	Sukhumwit	SKW	1	56,404	57,706	59,074	60,496	61,909	62,535
9	109	Chaiyaphruk	CYP	- 2	37,570	38,308	39,088	39,898	40,693	40,963
10	110	Bang Na	BNA	2		106,423	114,279	122,185	130,013	135,755
11	111	Khlong Chan	KGC	2	124,537	132,538	140,717	149,000	156,314	161,327
12	112	Thung Mahamek	TMM	.2	51,481	55,452	59,424	63,375		69,998
13	113	Sathupradit	STD	2	24,741	25,739	26,796	27,911	29,030	29,809
14	114	Thanon Tok	TNT	2	-	32,659	35,320	38,095	40,896	43,202
15	115	Bang Chan	BGC	2	77,135	82,747	88,224	93,608	98,547	102,105
16		Phra Khanong	PKG	2	44,037	47,684	51,513	55,510	59,469	62,509
17		Hua Mak	HAM	2	84,304	92,662	101,115	109,530	117,790	124,278
18		Trok Chan	TKC	2	34,931	37,625	40,543	43,684	46,965	49,803
19		Lat Krabang	LKG	2	22,400	24,613	26,762	28,855	30,855	32,404
20		Khlong Toei	KTI	2	50,810	55,503	59,911	64,010	67,736	70,258 67,585
21		On Nut	ONT	2	53,952	57,041	60,035 18,110	62,930 21,101	65,728 23,741	25,917
22		Ramkamhaeng(Phruksach:		2	12,643	15,265 50,840		67,332	75,923	83,638
23		Samut Prakan	SPK PSP	2	43,631 89,246	94,216	99,006	103,061	107,887	110,908
24		Pu Chao Saming Phrai	BPL	2	83,787	93,421	102,987	112,098	120,790	127,348
25		Bang Phli	BGU	2	12,442	14,303	16,433	18,768	21,347	23,813
26		Bang Pu	BBB	2	13,615	14,639		16,698	17,754	18,540
27 28		Bang Phli Bang Bo Thon Buri	TNB	3	39,687	42,958	46,501	50,300	54,302	57,807
28 29		Bang Khae	BKE	3	33,640	36,746	40,019	43,433	46,883	49,761
30		Dao Khanong	DKN	3	37,493	40,458	43,522	46,654	49,808	52,290
31		Bang Phlat	BGT	3	111,486	119,077	126,717	134,321	141,917	147,708
32		Phasi Charoen	PSN	3	29,468	30,229	30,999	31,778	32,509	32,816
33		Charan Sanitwong	CSW	3	59,152	63,796	68,429	73,019	77,591	81,153
34		Rat Burana	RBN	3	53,278	58,730	64,283	69,799	75,212	79,442
35		Lat Ya	LTY	3	51,880	54,284	56,508	58,554	60,485	61,486
36		Muban Setthakit	MSK	3.	64,668	71,556	77,789	83,791	89,451	93,741
37		Ekkachai	EKC	3	93,692	98,760	103,336	107,522	111,413	
38		Nong Khaem	NGK	3	76,559	84,326	91,687	98,588	105,493	110,718
39		Phra Pradaeng	PPG	.3	47,308	53,520	60,258	67,087	74,374	80,613
40		Bang Buc Thong	BBT	3	57,626	68,651	80,096	91,473	102,719	112,273
41		Phahonyothin	PYT	4	105,103	118,703	132,938	147,577		174,282
42		Inthamara	ITM	4	64,619	66,628	68,588	70,417	72,215	72,949
43		Bang Khen	BGN	4	43,719	45,444	47,198	49,003	50,929	52,055
44		Bang Su	BGS	4	95,357	107,296	118,875	129,867	140,004	147,323
45		Don Muang	DNM	4	146,268	158,987	171,469	183,307	194,633	202,905
46		Lak Si	LKS	4	57,308	63,470	69,859	76,405	82,900	88,253
47		Ram Inthra	RIT	4	79,519	83,471	87,739	92,279	95,880	98,148
48		Lat Phrao 1	LTP1	4	48,551	50,015	51,506	53,038	54,688	55,514
49	144	Lat Phrao 2	LTP2	4	52,497	54,301	56,227	58,267	60,348	61,712
50		Chaeng Watthana	CWT	4	56,978	59,853	62,736	65,650		70,371
51			NTB	4		54,500	63,967	74,608	86,133	97,646
52	405	Ngam Wong Wan	NWW	4	67,917		78,895	84,510		94,349
53		Pak Kret	PKK	4	56,467	61,761	66,954	71,880	76,541	80,082
54		Pathum Thani	PIT	4	36,236	39,860	43,333	46,484	49,578	51,695
55		Rangsit	RST	4	13,701	14,605	15,578	16,550	17,545	18,287
56		Thanyaburi	TYB	4	28,578	35,451	43,053	50,925	58,969	
57		Nawa Nakhon	NWN	4	12,965	14,064	15,197	16,299		18,227
58	511	Bang Phun	BAN	4	6,832	7,691	8,613	9,559	10,429	11,145

No	. Code	Exchange	ABBR	Area	2003	2004	2005	2006	2007
	Adju	isted Demand			5.274.512	5.491 252	5,691,687	5 877 010	6.084.702
	Adju	sted Demand per 100 pe	rsons		51.43	52,71	53.80	54.73	55.57
. 1		Phloen Chit	PNC	1	219,759	226,449	232,277	237,403	242,165
2	102	Samran Rat	SRR	1	165,363	175,063	184,604	194,061	203,374
3	103	Krung Kasem	KKM	1	90,588	96,645	102,462	108,073	113,352
4	104	Surawong	SRW	1	346,786		389,231	407,399	425,870
5		Samsen	SMS	1	60,991	61,814		62,419	62,392
6		Asok Din Daeng	ASD	1	158,645	160,255	161,398	162,271	163,060
7		Pathum Wan	PTW	1	74,491	79,486	84,410	89,257	94,079
8		Sukhumwit	SKW	1	63,215	63,771	64,227	64,625	65,086
		Chaiyaphruk	CYP	2	41,261	41,470	41,607	41,699	41,826
10		Bang Na	BNA	2	141,467	•	151,637	156,228	160,678
11		Khlong Chan	KGC	2	166,075	170,140	173,648	176,524	179,076
		Thung Mahamek	TMM	2	72,704	75,130	77,299	79,255	81,078
13		Sathupradit	STD	2	30,619		32,123	32,834	33,548
		Thanon Tok	TNT	2	45,505	47,686	49,734	51,658	53,489
16		Bang Chan Phra Khanong	BGC	2	105,405	108,544	111,431	113,943	116,583
		Hua Mak	PKG HAM	2	65,559	68,458	71,208	73,830	76,384
18		Trok Chan	TKC	2	130,511		141,273	145,735	149,918
19		Lat Krabang	LKG	2 2	52,775	55,749	58,718	61,692	64,709
20		Khlong Toei	KTI	2	33,910 72,517	35,314	36,634	37,898	39,147
21		On Nut	ONT	2	69,380	74,369 70,974	75,887	77,156	78,338
22		Ramkamhaeng(Phruksa		2	27,901	29,604	72,413	73,699	74,988
23		Samut Prakan	SPK	2	91,577	99,383	31,072	32,373	33,489
24		Pu Chao Saming Phrai	PSP	2	113,907	116,514	106,881 118,624	114,311	121,757
25		Bang Phli	BPL	2	133,743	139,617	144,899	120,563	122,427
26		Bang Pu	BGU	2	26,481	29,247	32,049	149,988 34,941	155,068
27		Bang Phli Bang Bo	BBB	2	19,346	20,113	20,820	21,526	37,929 22,249
28		Thon Buri	TNB	. 3	61,460	65,109	68,728	72,343	76,032
29	127	Bang Khae	BKE	3	52,624	55,329	57,859	60,218	62,443
30	. 128.1	Dao Khanong	DKN	3	54,724	56,930	58,902	60,690	62,365
31		Bang Phlat	BGT	3	153,372	158,522	163,232	167,494	171,537
32		Phasi Charoen	PSN	3	33,128	33,367	33,544	33,679	33,799
33	131 (	Charan Sanitwong	CSW	3	84,535	87,588	90,373	92,832	95,161
	132 I	Rat Burana	RBN	3	83,467	86,958	89,953	92,633	95,066
35		_at Ya	LTY	3	62,424	63,073	63,507	63,781	63,966
		Muban Setthakit	MSK	3	97,851	101,617	105,102	108,393	111,610
37		3kkachai	EKC	. 3	115,479	117,000	118,131	119,084	119,960
38		Nong Khaem	NGK	3	115,728	120,272	124,565	128,693	132,658
39	308 1	Phra Pradaeng	PPG	3	86,891	92,855	98,334	103,551	108,562
	126.1	Bang Bue Thong	BBT	3	121,251	129,264	136,588	143,291	149,567
41 42		Phahonyothin	PYT	4	185,720	195,952	204,791	212,475	218,942
43		nthamara Bang Khen	ITM	4	73,683	74,194	74,519	74,772	74,985
44		Bang Su	BGN	4	53,192	54,245	55,105	56,021	56,775
45		Don Muang	BGS	4	153,714	158,925	163,031	166,414	169,197
46		ak Si	DNM LKS	4	210,996 93,448	218,365	225,129	231,620	237,614
47		Ram Inthra	RIT	4	•	98,237	102,611	106,602	110,297
48	143 I	at Phrao 1	LTP1	4	100,359	102,207	103,790	105,231	106,499
49		at Phrao 2	LTP2	4	56,377 63,149	57,160	57,775	58,450	59,002
50		haeng Watthana	CWT	4	72,290	64,499 74,072	65,769	66,902	68,058
51	401 N	lonthaburi	NTB	4	110,065	122,695	75,721 135,849	77,270	78,578
52	405 N	Igam Wong Wan	NWW	4	98,583	102,746	106,440	149,395 109,707	163,043 112,923
53	406 P	ak Kret	PKK	4	83,516	86,578	89,431	92,124	94,731
54	501 P	athum Thani	PTT	4	53,745	55,494	57,007	58,454	59,815
55	502 R	angsit	RST	4.	19,087	19,850	20,587	21,350	22,122
-56	503 T	hanyaburi	TYB	4	72,186	77,742	82,477	86,644	90,263
57	504 N	lawa Nakhon	NWN	4	19,094	19,909	20,686	21,481	22,280
58	511 B	lang Phun	BAN	4	11,892	12,617	13,325	14,055	14,796
		the first of the second							

2007	89,129 22,664 37,312 7,886 15,807 29,470	202,268	102,235 29,763 24,015	156,012	6,332 22,765 9,994 10,768 5,143 8,604 1,915 1,915 1,915 1,915 2,236 2,369 2,369 2,369
2006	20,169 20,169 34,808 7,043 14,166 28,413	88,623	97,457 1 28,555 22,804	48,817	6,160 6,33 22,035 22,765 9,574 9,99 10,430 10,766 4,876 5,146 1,716 1,911 4,023 4,300 1,210 1,311 4,817 5,211 4,817 5,211 4,817 5,211 6,817 5,211 6,919 100,51
2005	79,077 17,830 32,298 6,250 12,615 27,325	75,396 1	92,839 27,409 21,612	41,860	5,997 21,287 9,155 10,087 4,615 7,953 6,901 1,890 1,772 1,115 4,449 2,655 2,226
2004	74,245 15,668 29,763 5,514 5,514 26,209	1 772.23.	88,366 26,320 20,442	135,127	5,837 8,725 9,724 4,356 7,613 6,437 1,617 1,617 1,606 1,027 4,101 2,390 2,149 2,149
2003	69,519 13,696 27,233 4,832 9,837 25,077	93,878 103,749 114,332 125,911 138,381 150,194 162,577 175,396 188,623	83,900 25,243 19,269	94,584 101,109 107,885 114,801 121,821 128,412 135,127 141,860 148,817 156,012	5.677 8.287 9.287 9.241 7.262 5.990 1.453 1.244 9.773 2.173 2.148 2.067
2002	64,973 11,919 24,768 4,215 8,619 23,887	138,381	79,509 24,194 18,118	121,821	5,535 7,869 8,966 3,862 6,921 1,309 1,120 1,120 1,325 1,334 1,937 1,934 1,987
2001	60,012 10,233 22,144 3,627 7,448 22,448	125,911	74,832 23,053 16,915	114,801	5,401 18,036 7,460 8,585 3,634 6,580 5,193 1,014 1,014 1,014 1,743 1,743 1,906 1,743 1,906
2000	55,344 8,754 19,705 3,112 6,417 21,000	14,332 1	70,219 21,918 15,748	107,885	5,283 7,071 8,212 3,423 6,252 2,602 2,602 2,116 1,106 1,106 1,106 1,573 1,826 68,492
1999	51,025 7,488 17,468 2,669 5,526 19,574	03,749	65,808 20,673 14,628	101,109	5,147 16,386 6,661 7,798 3,207 5,897 4,478 9,66 833 1,010 685 2,711 1,414 1,738 64,425
1998	46.934 6.385 15.388 2.283 4.746 18,142	93,878 1	61,562 19,444 13,578	94,584	5,033 15,586 6,286 7,408 3,007 5,567 4,166 876 2,234 1,770 927 634 634 634 1,276 1,655
1997	43,153 5,445 13,510 1,952 4,080 16,729	84,868	57,411 18,201 12,567	88,179	4,915 5,914 7,007 2,818 5,233 3,855 796 691 1,619 850 2,298 1,619 1,510 587 587 587 587 587 587 587 587 587 587
1996	39,636 4,640 11,811 1,666 3,506 15,340	76,598	53,393 16,963 11,652	82,007	4,813 5,564 6,618 2,640 2,640 3,583 722 631 1,919 1,484 1,044 1,489 1,489
1995	36,353 3,952 10,295 1,423 3,008 13,976	800 69	49,544 15,662 10,809	76,015	13,245 5,235 6,233 6,233 2,471 4,613 3,317 656 577 1,361 1,408 1,408
1994	33,389 3,376 8,976 1,220 2,589 12,711	62,261	45,770 14,442 9,993	70,205	4,597 4,900 5,832 2,311 4,312 3,037 597 783 1,642 1,248 661 850 1,791 850 1,323 47,341
1993	2,884 7,805 1,045 2,228 11,491	56,090	42,200 13,202 9,265	64,668	11,749 4,593 11,749 5,464 2,165 4,014 1,522 1,522 1,150 6110 6110 6110 6110 6110 6110 6110 6
1992	28,387 2,492 6,851 906 1,939 10,466	51,040	39,020 12,114 8,602	59,736	4,406 4,291 5,091 2,029 3,724 2,587 496 442 679 1,411 1,058 563 563 695 1,170 1,170
1881	26.891 2,131 5,937 777 1,670 9,376	46,781	36,230 11,160 8,058	55,448	4,280 10,312 3,975 4,699 1,889 1,294 403 5,18 5,18 5,18 6,28 1,389 6,24 6,28 1,088 38,675
Telecom. Area	000000		000		00000000000000000000000000000000000000
Amphoe/ Local Exchange	Adjusted Demand NPT Nakhon Pathon NPT Kamphaeng Saen NPT Nakhon Chaisi NPT Don Tum NPT Bang Len NPT Sam Phran	Total	Samut Sakhon Krathum baen Ban Phaew	Total	Ayutthaya 1 Ayutthaya 2 Bang Pa-in Wang Noi Phachi Tha Rua Sena Ban Pirack Bang Sai Phak Hai Bang Sai Aaharat Nakhon Loang Uthai Bang Pahan Total
Prov. No. ABBR	Adjus 1 NPT 2 NPT 3 NPT 4 NPT 5 NPT 6 NPT	٠	6 SKN 7 SKN 8 SKN		wwex 8 - 16  \$ 9 0 11 12 12 13 13 13 13 13 13 13 13 14 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14

	Staic	Local	Appn	Telecom.	1991	1000	1002	1004	1005	1006
No.	Coat	Exchange	ABBR	Area	1991	1992	1993	1994	1995	1996
Estimated Demand										
		and the second s	PNC	1	101,144	113,932	126,960	140,108	153,102	165,532
		Samran Rat	SRR	1	65,628	73,008	80,740	89,160	98,109	107,031
			KKM	$\hat{1}$	29,336	33,348	37,695	42,461	47,604	52,989
		Surawong	SRW	1	106,286	125,073	145,449	167,353	189,695	212,480
		Samsen	SMS	ĩ	20,254	24,749	29,655	34,823	40,019	45,025
		Asok Din Daeng	ASD	1	86,872	100,192	112,696	124,026	133,865	141,976
		Pathum Wan	PTW	1	28,489	31,555	34,841	38,383	42,166	46,127
		Sukhumwit	SKW	1	55,727	57,696	59,303	60,655	61,795	62,715
		Chaiyaphruk	CYP	2	38,683	39,557	40,294	40,936	41,489	41,928
		Bang Na	BNA	2	65,779	73,318	81,022	88,641	96,349	103.898
		Khlong Chan	KGC	2	83,870	93,907	103,801	113,658	123,140	131,872
			TMM	2	32,850	37,036	41,305	45,627	49,915	54,021
13	113	Sathupradit	STD	2	22,257	23,344	24,346	25,303	26,215	27,050
14	114	Thanon Tok	TNT	2	20,435	22,477	24,613	26,856	29,185	31,533
15	115	Bang Chan	BGC	2	42,900	50,992	59,065	66,921	74,283	80,877
		Phra Khanong	PKG	2	29,324	32,554	35,926	39,264	42,694	46,120
		Hua Mak	HAM	2	45,957	53,338	61,202	69,480	78,002	86,501
		Trok Chan	TKC	2	26,075	28,035	30,087	32,262	34,550	36,890
		Lat Krabang	LKG	2	10,048	12,450	15,030	17,699	20,351	22,867
		Khlong Toci	KTI	2	24,457	29,636	35,193	40,956	46,697	52,155
		On Nut	ONT	2	37,549	42,052	46,370	50,459	54,239	57,654
		Ramkamhaeng(Phruksac		2	2,689	3,755	5,134	6,902	9,044	11,483
	the state of	Samut Prakan	SPK	2	17,023	20,763	25,109	30,135	35,822	42,191
24		Pu Chao Saming Phrai	PSP	2	55,374	64,511	73,205	81,407	88,694	95,083
		Bang Phli	BPL	2	32,308	41,145	50,996	61,749	72,809	83,812
26		Bang Pu	BGU	2	5,845	6,829	7,937	9,214	10,644	12,246
27		Bang Phli Bang Bo	BBB	2	7,553	8,970	10,376	11,750	13,033	14,237
		Thon Buri	TNB	3	28,813	31,129	33,568	36,166	38,910	41,731
		Bang Khae	BKE	3	21,483	23,901	26,459	29,173	32,014	34,908
		Dao Khanong	DKN	3	26,118	28,623	31,219	33,914	36,674	39,439
		Bang Phlat	BGT	3	80,211	87,934	95,720	103,412	111,033	118,452
		Phasi Charoen	PSN	3	27,585	28,961	30,121	31,118	31,963	32,626
		Charan Sanitwong	CSW	3	38,951	43,468	48,121	52,799	57,496	62,147
		Rat Burana	RBN	3	29,186	33,726	38,596	43,765	49,131	54,560
		Lat Ya	LTY	3	38,617	42,622	46,429	49,997	53,240	56,026
	200	Muban Setthakit	MSK	3	26,816	33,732	41,361	49,479	57,779	65,496
		Ekkachai	EKC	3	58,121	67,860	77,229	85,907	93,583	100,091
		Nong Khaem	NGK	3	33,032	41,321	50,207	59,656	68,822	77,925
		Phra Pradaeng	PPG	3	22,381	26,442	30,929	35,900	41,271	47,073
		Bang Bue Thong	BBT	3	14,522	19,607	26,018	33,875	43,147	53,645
		Phahonyothin	PYT	4	50,154	59,060	69,018	80,085	92,156	104,942
		Inthamara	ITM	4	55,270		63,160	66,315	68,970	71,064
		Bang Khen	BGN	4	38,344	40,532	42,520	44,398	46,154	47,758
		Bang Su	BGS	4	37,963	47,211	57,751	69,453	81,972	94,739
		Don Muang	DNM		70,648	86,465	102,948	119,786	135,796	150,934
		Lak Si	LKS	4	31,301	36,050	41,181	46,691	52,505	58,454
		Ram Inthra	RIT	4	55,729		69,038	75,076	80,530	85,161 53,536
		Lat Phrao 1	LTP1	4	43,917	46,544	48,720	50,590	52,192	53,526
		Lat Phrao 2	LTP2	4	49,783	51,566	53,221	54,821	56,359	57,756
		Chaeng Watthana	CWT		41,972	46,689	50,976	54,884	58,402	61,433 44,503
		Nonthaburi	NTB	4	18,499		26,608	31,718	37,653	
32 52	400	Ngam Wong Wan	NWW		44,453	49,610		60,272	65,743	71,152
		Pak Kret	PKK	4	25,724	31,804 18,914	38,276 23,146	44,943 27,720	51,515 32,314	57,827 36,762
		Pathum Thani	PTT	4	15,033			12,647	13,588	14,545
		Rangsit	RST	4	9,350					25,598
30 '49 '	JUJ 504	Thanyaburi	TYB	4	6,226		11,425	15,223	19,891	
58	511	Nawa Nakhon	NWN	4	6,795		9,534	10,917	12,190 5,926	13,449 6,814
30	اللد	Bang Phun	BAN	4.	2,729	3,442	4,221	5,070	3,720	0,014
٠.		RMA Total			2 1/1 212	2 430 571	2,748,307	3 066 888	3 386 504	3.700.020
		BMA Total			2,141,/12	£,737,3/1	<i>ا</i> برور میر در میر	ا و دو ورده درد	JUUUJUT	5,100,040
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	•				Annex 8	- 17				

No.	Staic		ABBR	Telecom. Area	1997	1998	1999	2000	2001	2002
	Ect	imated Demand							and Control Control	gas sa
1		Phloen Chit	PNC	1	177,381	188,483	198,842	208,448	217,001	224,865
		Samran Rat	SRR	1	116,013	125,590	135,228	144,872	154,370	164,497
		Krung Kasem	KKM	ĺ	58,607		70,572	76,746	82,957	89,327
		Surawong	SRW	1.	235,318	258,182	281,126	303,851	324,320	345,971
		Samsen	SMS	1	49,613	53,596	56,937	59,633	61,723	63,300
6	106	Asok Din Daeng	ASD	1.	148,552			161,296	163,875	165,847
7	107	Pathum Wan	PTW	1 .	50,295	54,655	59,202	63,923	68,714	73,634
8	108	Sukhumwit	SKW	1.	63,506	64,180	64,791	65,364	65,831	66,293
		Chaiyaphruk	CYP	2	42,302	42,606	42,871	43,108	43,271	43,425
		Bang Na	BNA	2	111,279	118,362	125,339	132,018	138,249	143,913
		Khlong Chan	KGC	2	140,220	147,406	154,336	160,991	166,217	171,022
		Thung Mahamek	TMM	2	57,963	61,672	65,175	68,475	71,428	74,204
		Sathupradit	STD	2	27,857	28,626	29,390	30,157	30,869	31,600
		Thanon Tok	TNT	2	33,925		38,738	41,161	43,487	45,798
		Bang Chan	BGC	2	86,849	92,030		101,141	104,790	108,241
		Phra Khanong	PKG	2	49,583	53,033	56,498	59,977	63,236 125,252	66,266 131,746
		Hua Mak	HAM	2	94,920		110,902	118,345 47,200	49,941	52,796
		Trok Chan	TKC	2 2	39,330	41,845 27,375	44,467 29,352	31,177	32,809	34,351
		Lat Krabang	LKG KTI	2	25,221 57,209		65,709	69,161	72,027	74,481
		Khlong Toci On Nut	ONT	2	60,746		65,846	67,995	69,891	71,646
		Ramkamhaeng(Phruksaci		2	14,236	16,977		22,799		27,474
		Samut Prakan	SPK	2	49,125	56,543	64,524	72,751	80,733	88,664
		Pu Chao Saming Phrai	PSP	2	100,484	104,785	108,588	111,355	114,722	117,573
25		Bang Phli	BPL	2	94,338	103,902	112,954	121,119	128,441	135,001
		Bang Pu	BGU	2	14,008	15,908	18,024	20,278	22,700	25,244
		Bang Phli Bang Bo	BBB	$\tilde{2}$	15,330	16,281	17,190	18,042	18,879	19,654
		Thon Buri	TNB	.3	44,684	47,778	51,001	54,348	57,742	61,281
		Bang Khae	BKE	3	37,876	40,868	43,892	46,929	49,853	52,751
		Dao Khanong	DKN	3	42,215	44,996	47,734	50,408	52,963	55,432
		Bang Phlat	BGT	3	125,525	132,435	138,981	145,131	150,907	156,584
		Phasi Charoen	PSN	3	33,178	33,620	33,999	34,335	34,568	34,788
		Charan Sanitwong	CSW	3	66,601	70,953	75,051	78,895	82,507	86,030
		Rat Burana	RBN	3	59,987	65,318	70,504	75,417	79,977	84,216
35	133	Lat Ya	LTY	3	58,413	60,373	61,977	63,266	64,317	65,181
36	134	Muban Setthakit	MSK	3	72,811	79,583	85,317	90,534	95,118	99,374
37	135	Ekkachai	EKC	3	105,491	109,838	113,337	116,175	118,471	120,311
38	149	Nong Khaem	NGK	3	86,200	93,786	100,561	106,522	112,176	117,372
		Phra Pradaeng	PPG	3	53,265	59,524	66,090	72,486	79,086	85,457
40	402	Bang Bue Thong	BBT	3	64,882	76,353	87,848	98,835		119,021
41	136	Phahonyothin	PYT	4	118,338	132,019	145,804	159,454	172,472	184,755
42	137	Inthamara	ITM	4	72,756		75,226	76,084	76,789	77,333
43	138	Bang Khen	BGN	4	49,225	50,541	51,765	52,947	54,155	55,183
		Bang Su	BGS	4	107,365	119,333	130,380	140,318	148,873	156,176
		Don Muang	DNM	4	164,687	176,822	188,064	198,059	206,962	215,098
		Lak Si	LKS	4 .	64,525	70,590	76,620	82,554	88,152	93,557
		Ram Inthra	RIT	4	89,533	92,835	96,231	99,706	101,954	104,046
			LTP1	4	54,665	55,625	56,491	57,307	58,153	58,850
			LTP2	4	59,108	60,392	61,669	62,956	64,171	65,421
		Chaeng Watthana	CWT	4	64,153	66,568	68,808	70,933	72,777	74,600
			NTB	4	52,144	60,614	70,158	80,613	91,589	103,514
		Ngam Wong Wan	NWW	4	76,469	81,525	86,531	91,311	95,715	
		Pak Kret	PKK	4	63,577	68,689	73,434		81,390	84,894
			PTT	4	40,799	44,332	47,527		52,718	54,802
		Rangsit	RST	4	15,426	16,244	17,086	17,882	18,657	19,386
		Thanyaburi	TYB	4	32,177	39,428	47,220	55,024	62,705	69,738
			NWN	4	14,597	15,641	16,667	17,611	18,502	19,323
58	311	Bang Phun	BAN	4	7,693	8,554	9,447	10,328	11,089	11,815
		BMA Total			4,004,883	4,295,663	4,577,266	4,845,311	5,093,619	5,331,325

				•				
	Staic Local		Telecom.					
No.	Code Exchange	ABBR	Area	2003	2004	2005	2006	2007
	·							
	Estimated Demand	•						
1	101 Phloen Chit	PNC	1	231,869	238,279	244,087	249,244	253,949
	102 Samran Rat	SRR	1	174,476	184,209	193,990	203,740	213,271
		KKM	1 -	95,580	101,694	107,671	113,464	118,868
	104 Surawong	SRW	1	365,895	386,982	409,021	427,719	446,594
5		SMS	1	64,352	65,043	65,426	65,532	65,428
_	106 Asok Din Daeng	ASD	1	167,387	168,627	169,604	170,365	170,995
7		PTW	1	78,596	83,638	88,702	93,709	98,657
8		SKW	1	66,699	67,102	67,492	67,848	68,253
	109 Chaiyaphruk	CYP	2	43,535	43,636	43,722	43,779	43,862
	110 Bang Na	BNA	2	149,262	154,438	159,346	164,021	168,497
	111 Khlong Chan	KGC	$\overline{2}$	175,227	179,028	182,476	185,329	187,791
	112 Thung Mahamek	TMM	2	76,710	79,055	81,229	83,209	85,023
	113 Sathupradit	STD	2	32,306	33,029	33,756	34,472	35,181
	114 Thanon Tok	TNT	2	48,013	50,177	52,263	54,234	56,092
	115 Bang Chan	BGC	$\tilde{2}$	111,213	114,214	117,097	119,626	122,256
	116 Phra Khanong	PKG	2	69,172	72,035	74,828	77,513	80,101
	117 Hua Mak	HAM	2	137,703	143,272	148,455	153,004	157,213
	117 Trok Chan	TKC	2	55,683	58,661	61,703	64,769	67,858
	119 Lat Krabang	LKG	2	35,779		38,497	39,789	
		KTI	2	76,513	78,254	79,745	81,005	41,052 82,150
	121 Khlong Toei	ONT	2		74,681			
	123 On Nut		- 2	73,203 29,439	31,151	76,095	77,375	78,637
	124 Ramkamhaeng(Phruksac					32,652	33,988	35,119
	301 Samut Prakan	SPK	2	96,624	104,575	112,315	120,013	127,682
	302 Pu Chao Saming Phrai	PSP	2	120,184	122,601	124,655	126,577	128,384
	303 Bang Phli	BPL	2	141,113	146,911	152,266	157,469	162,614
	304 Bang Pu	BGU	2	27,940	30,775	33,678	36,684	39,774
	305 Bang Phli Bang Bo	BBB	2	20,412	21,163	21,879	22,600	23,331
	126 Thon Buri	TNB	3	64,846	68,510	72,223	75,952	79,732
	127 Bang Khae	BKE	3	55,524	58,219	60,800	63,221	65,482
	128 Dao Khanong	DKN	3	57,740	59,904	61,897	63,717	65,400
	129 Bang Phlat	BGT	3	161,824	166,803	171,531	175,848	179,885
	130 Phasi Charoen	PSN	3	34,953	35,110	35,250	35,358	35,444
	131 Charan Sanitwong	CSW	3	89,193	92,163	94,968	97,463	99,791
	132 Rat Burana	RBN	3	88,067	91,501	94,526	97,253	99,692
	133 Lat Ya	LTY	3	65,864	66,368	66,736	66,962	67,079
	134 Muban Setthakit	MSK	3	103,243	106,926	110,446	113,799	117,041
	135 Ekkachai	EKC	- 3	121,842	123,112	124,137	125,024	125,798
	149 Nong Khaem	NGK	3	122,106	126,555	130,898	135,112	139,114
39	308 Phra Pradaeng	PPG	3	91,679	97,705	103,334	108,715	113,845
40	402 Bang Bue Thong	BBT	3	127,932	136,017	143,533	150,438	156,845
41	136 Phahonyothin	PYT	4	195,954	206,189	215,203	223,073	229,597
	137 Inthamara	ITM	4	77,743	78,070	78,308	78,501	78,634
	138 Bang Khen	BGN	4	56,123	57,079	57,906	58,815	59,538
	139 Bang Su	BGS	4	162,185	167,227	171,320	174,714	177,431
	140 Don Muang	DNM	4	222,624	229,772	236,575	243,172	249,177
	141 Lak Si	LKS	4	98,598	103,369	107,828	111,919	115,665
	142 Ram Inthra	RIT	4	105,890	107,546	109,067	110,480	111,682
	143 Lat Phrao 1	LTP1	4	59,483	60,146	60,713	61,365	61,873
	144 Lat Phrao 2	LTP2	4	66,629	67,868	69,113	70,239	71,370
	145 Chaeng Watthana	CWT	4	76,273	77,941	79,571	81,124	82,402
51	401 Nonthaburi	NTB	4	116,130	129,104	142,755	156,846	170,978
	405 Ngam Wong Wan	NWW		104,016	108,113	111,852	115,179	118,418
53	406 Pak Kret	PKK	4	88,118	91,101	93,978	96,719	99,341
	501 Pathum Thani	PTT	4	56,707	58,393	59,905	61,370	62,726
55	502 Rangsit	RST	4	20,139	20,887	21,633	22,414	23,199
	503 Thanyaburi	TYB	4	76,164	81,803	86,670	90,965	94,655
57	504 Nawa Nakhon	NWN		20,146	20,949	21,738	22,553	23,364
58	511 Bang Phun	BAN	4	12,548	13,276	14,003	14,756	15,516
-5	See I timi	151374	. <del>-7</del>	: 4,,,70	13,210	17,000	1,170	
	BMA Total			5,552,618	5,764,841	5,967,065	6,155,386	6,333,827
	oma Ivai			2,222,010	2,707,041	2,707,002	0,100,000	0,000,001

Province   Auguste   Aug	Author Matter Leiberum         1569         1973         1986         1997         1998         1999         200         2001         2002         2003         2004         2005				
No. Marches	No. Night	2007	88,911 22,608 37,220 7,867 15,768 29,398	0.27 0.27 14,749 33,406 26,954	75,109 8,353 30,031 13,184 6,784 6,784 11,350 10,402 2,526 2,947 5,681 5,681 5,687 5
Province	Province   Authobox   Telecon   1891   1892   1893   1894   1895   189	2006			
Province   Armphoe   Telecom   1891   1992   1993   1994   1995   1995   1995   1999	Province   Auryline   Tolecon   191   192   193   194   195   195   196   197   198   199   200   20	2005	•		
Province   Auriphore   Aurip	Province	2004	70,788 14,938 28,377 5,257 24,989		
Frontine	Frontine	2003	64,952 12,797 25,443 4,515 9,191 23,429		
Province	Province	2002	59,257 10,870 22,589 3,844 7,861 21,785		
Province	Province	2001	53,680 9,153 19,807 3,244 6,662 20,079	0.16 0.16 72,403 22,305 16,366	111,074 0.31 5,266 17,584 7,273 8,370 3,543 6,416 5,063 1,152 989 1,321 2,728 2,254 1,178 1,159 1,699 1,858
Province	Province	2000	48,282 7,637 17,191 2,715 5,599 18,320	99,743 0.15 64,503 20,134 14,466	99,103 0.28 4,836 15,788 6,772 7,517 3,133 5,722 4,429 979 842 1,146 1,013 680 2,702 1,440 1,672 0.07 0.07
Province	Province	1999	43,352 6,362 14,841 2,267 4,695 16,630	88,147 0.13 56,994 17,904 12,669	87.567 0.25 4,414 14,053 5,713 6,688 2,750 5,057 3,841 828 715 988 2,065 1,658 1,658 1,491 1,491 1,491
Province	Province	1998	38,615 5,253 12,660 1,878 3,905 14,926	77,238 0.12 49,755 15,715 10,974	76,444 0.23 4,030 12,479 5,033 5,931 2,467 4,457 3,336 701 608 853 1,788 1,417 742 508 2,000 1,022 1,325 1,325 1,325
Province	Province	1997	34,266 4,323 10,728 1,550 3,240 13,284	67.391 0.10 42,939 13,613 9,399	
Province	Province	1996	30,225 3,538 9,007 1,271 2,674 11,698	58,412 0.09 36,612 11,632 7,990	56,233 0.17 3,336 4,586 4,586 1,829 3,406 2,483 501 1,028 1,028 1,032 1,032 1,032 1,032 1,032 1,032 1,032
No. ABBR   Local Exchange   Area   1991   1992   1993	No. ABBR   Local Exchange   Area   1991   1992   1993	1995	26,502 2,881 7,506 1,038 2,193 10,189	50,308 0.08 30,841 9,749 6,728	47,318 6,115 8,512 3,3029 8,512 3,364 4,006 1,588 2,132 422 371 371 372 607 905 905 905 905 905 905 905 905
No. ABBR   Local Exchange   Area   1991   1992   1993	No. ABBR   Local Exchange   Area   1991   1992   1993	1994	23,230 2,349 6,245 849 1,801 8,843	43,318 0.07 25,822 8,148 5,638	39,608 0.13 2,738 7,421 2,919 3,474 1,376 2,568 11,809 355 393 3,93 3,13 1,067 2,819 7,88 7,88 7,88 7,88 7,88 7,88 7,88 7,8
Province   Amphoe   Telecom   1991	Frovince   Amphoe   Telecom   1991	1993	20,200 1,901 5,146 689 1,469 7,576	36,981 0.06 21,318 6,669 4,681	32,668 0.11 2,477 6,466 2,528 3,007 1,191 1,191 1,191 1,544 300 833 833 633 838 838 838 838 838 838 838
No. ABBR   Local Exchange   Area   1	Province   Amphoe   Telecom.   No. ABBR   Local Exchange   Area   1	1992	17.573 1,543 4,241 561 1,200 6,479	31,596 0.05 17,552 5,449 3,869	26,870 2,240 2,240 5,619 2,181 2,183 1,031 1,393 1,315 252 225 225 225 225 225 225 225 225 2
Province Amphoe / No. ABBR Local Exchange  Estimated Demand 1 NPT Nathon Pathom 2 NPT Kamphaeng Saen 3 NPT Nathon Pathom 5 NPT Sam Phran 5 NPT Sam Phran 5 NPT Sam Phran 5 NPT Sam Phran 7 NPT Sam Phran 7 NPT Sam Phran 7 NPT Sam Phran 7 NPT Sam Phran 1 SKN Samut Sakhon 2 SKN Krathum baen 3 SKN Ban Phaew 1 AYA Ayuthaya 2 3 AYA Bang Pa-in 4 AYA Ayuthaya 2 3 AYA Bang Pa-in 4 AYA Wang Noi 5 AYA Bang Pa-in 4 AYA Bang Sai 11 AYA Bang Sai 11 AYA Bang Sai 11 AYA Maharat 12 AYA Bang Sai 11 AYA Maharat 13 AYA Lat Bua Luang 14 AYA Maharat 15 AYA Bang Pahan 17 AYA Bang Pahan 17 AYA Bang Pahan 17 AYA Bang Pahan 17 AYA Bang Pahan	No. ABBR Local Exchange  Estimated Demand 1 NPT Nathon Pathom 2 NPT Kamphacng Saen 3 NPT Sam Phran 5 NPT Bang Len 6 NPT Sam Phran 1 SKN Samut Sakhon 2 SKN Krathum baen 3 SKN Bang Len 7 AYA Ayuthaya 1 2 AYA Ayuthaya 2 3 AYA Bang Pa-in 4 AYA Wang Noi 5 AYA Bang Pa-in 4 AYA Bang Sai 11 AYA Bang Ban 12 AYA Bang Ban 13 AYA Lat Bua Luang 14 AYA Maharat 15 AYA Bang Pahan 15 AYA Bang Pahan 17 AYA Bang Pahan 17 AYA Bang Pahan	1991	15.693 1.243 3.465 453 974 5.472	27,300 14,289 4,401 3,178	21,868 4,864 1,875 1,875 2,216 891 1,113 212 244 1,113 1,113 1,113 2,24 1,113
No. ABBR  ABBR  1 NPT  2 NPT  2 NPT  2 NPT  2 NPT  3 NPT  4 NPT  5 NPT  6 NPT  5 NPT  6 NPT  7 AYA  8 AYA  8 AYA  11 AYA  12 AYA  8 AYA  13 AYA  14 AYA  15 AYA  16 AYA  17 AYA  17 AYA  16 AYA  17 AYA  17 AYA  18 AYA  19 AYA  11 AYA  11 AYA  11 AYA  12 AYA  13 AYA  14 AYA  15 AYA  16 AYA  17 AYA  17 AYA  18 AYA  19 AYA  10 AYA  11 AYA  11 AYA  11 AYA  12 AYA  13 AYA  14 AYA  15 AYA  16 AYA  17 AYA  18 BB  18 AYA  19 AYA  10 AYA  11 AYA	No. ABBR  ABBR  2 ABBR  2 NPT  2 NPT  2 NPT  3 NPT  4 NPT  5 NPT  5 NPT  6 NPT  6 NPT  7 AYA  8 AYA  8 AYA  11 AYA  12 AYA  13 AYA  14 AYA  15 AYA  16 AYA  17 AYA  17 AYA  11 AYA  11 AYA  11 AYA  12 AYA  13 SKN  14 AYA  15 AYA  16 AYA  17 AYA  17 AYA  18 BB  19 AYA  10 AYA  11	Telecom. Area	φονονο	••••	<b>ઌઌઌઌઌઌઌઌઌઌઌઌ</b> ઌ
No. ABBR  No. ABBR  1 NPT  2 NPT  2 NPT  3 NPT  4 NPT  5 NPT  6 NPT  1 AYA  2 AYA  4 AYA  6 AYA  1	No. ABBR  No. ABBR  1	Amphoe/ Local Exchange	d Demand lakhon Pathom lamphaeng Saen lakhon Chaisi lon Tum ang Len am Phran	otal //N amut Sakhon rashum baen an Phaew	ootal )/N (yutthaya 1 (yutthaya 2 kang Pa-in Vang Pa-in Vang Pa-in hachi hachi ha Rua eena eena eena eena eena eena eena ee
Affica 6 - 20		Province No. ABBR	<b>32</b>	SKN SKN SKN	1 AYA 2 AYA 3 AYA 4 AYA 6 AYA 11 AYA

<b></b> .	Staion	Local	ADDE	Telecom.						
No.		Exchange	ABBR	Area	1987	1988	1989	1990	1991	1992
	Popul	ation								
1	101	Phloen Chit	PNC	1	118,069	120,885	114,583	100,204	112,990	114,427
- 2		Samran Rat	SRR	1	158,866			149,819	174,374	
3		Krung Kasem	KKM	1	135,790		128,672		128,569	
4	104	Surawong	SRW	1	106,083	•		102,856	120,320	
5 6		Samsen Asok Din Daeng	SMS	1	195,253	198,325		128,246	141,508	
7		Pathum Wan	ASD PTW	1 1	161,858	156,723		7	163,729	
8		Sukhumwit	SKW	1	108,728 93,340	104,798	99,318	112,035	126,530	
9		Chaiyaphruk	CYP	2	67,290	91,800 66,730			94,861	-
10		Bang Na	BNA	2	156,420	182,813	190,382	58,458 199,620	65,345 216,303	
11		Khlong Chan	KGC	2	170,245	183,579		•	228,316	
12	112	Thung Mahamek	TMM	2	100,558	98,408	97,814		107,784	
13		Sathupradit	STD	2	34,664	34,832		32,855	37,551	38,542
14		Thanon Tok	TNT	2	94,112	95,432		98,350	110,732	
15		Bang Chan	BGC	2	155,191	163,793	172,036	173,712	186,229	
16		Phra Khanong	PKG	2	71,093	74,534	76,739	77,616	89,518	
17		Hua Mak	HAM	2	156,890	164,612	171,144	173,781	197,131	200,829
18 19		Trok Chan Lat Krabang	TKC	2	162,029	160,657	161,117	157,326	178,114	,
20		Khlong Toei	LKG KTI	2 2	44,462	44,795	45,290	43,986	50,666	•
21		On Nut	ONT	2	110,325 97,601	109,646	108,688	99,981	112,453	113,612
22		Ramkamhaeng(Phruksa		2	25,567	102,933 28,658	106,317 31,821	105,488	118,949	
23		Samut Prakan	SPK	2	121,536	129,692	134,165	106,270 139,591	42,761	45,644
24		Pu Chao Saming Phrai		2	181,641	172,990	182,378	187,678	136,089	
25		Bang Phli	BPL	2	157,969	169,646	180,429	185,537	180,288 183,809	184,639 190,470
26		Bang Pu	BGU	2	72,186	77,006	81,731	84,707	82,318	85,394
27	305	Bang Phli Bang Bo	BBB	2	20,428	21,408	22,256	22,835	22,082	22,824
28		Thon Buri	TNB	3	280,753	276,070	273,076	266,555	297,951	299,100
29		Bang Khae	BKE	3	122,602	122,767	127,167	127,164	143,421	145,247
30		Dao Khanong	DKN	3	161,951	162,378	163,276	153,558	170,853	170,710
31		Bang Phlat	BGT	3	218,793	221,245	243,870	241,215	273,145	277,897
32 33		Phasi Charoen	PSN	3	54,535	57,388	61,304	59,900	67,095	67,497
33 34		Charan Sanitwong Rat Burana	CSW	3	174,231	178,354	192,508	177,621	200,017	202,411
35		Lat Ya	RBN LTY	3.	164,492	168,886	177,953	179,134	200,695	201,923
36		Muban Setthakit	MSK	3 3	146,781	145,901	147,407	122,409	135,778	135,249
37		Ekkachai	EKC	3	104,472 222,144	111,601 234,131	122,226	125,286	145,136	151,045
38		Nong Khaem	NGK	3	105,981	111,517	249,027 118,896	234,698	261,663	263,142
-39		Phra Pradaeng	PPG	3	163,697	172,357	179,099	125,326 182,824	128,464 175,099	134,104
40		Bang Bue Thong	BBT	3	194,283	202,256	212,493	223,204	213,508	179,161 221,258
41	136	Phahonyothin	PYT	4	279,607	276,322	276,877	254,433	283,308	283,230
42		Inthamara	ITM	4	104,918	105,236	107,294	104,988	117,487	118,054
43		Bang Khen	BGN	4	42,488	42,611	42,949	43,832	49,582	50,297
44		Bang Su	BGS	.4	375,017	385,116	386,884	274,960	308,665	311,095
45		Don Muang	DNM	4	252,509	269,707	280,223	297,497	326,304	337,350
46 47		Lak Si	LKS	.4	149,823	160,458	168,491	168,928	191,206	194,357
48	142	Ram Inthra	RIT	4	109,341	119,944	128,790	90,899	155,005	160,909
49	143	Lat Phrao 1	LTP1	4	68,140	69,394	71,123	71,900	81,122	82,106
50		Lat Phrao 2 Chaeng Watthana	LTP2	4	66,618	70,225	72,716	72,964	82,838	84,471
51		Chachg wannana Nonthaburi	CWT NTB	4	47,734	50,121	51,936	50,478	57,858	59,521
52		Ngam Wong Wan	NWW		198,099 124,660	203,952 128,998	210,816	224,106	217,606	226,952
53		Pak Kret	PKK	4	108,817	116,546	134,982 125,516	139,696	140,717	144,281
54		Pathum Thani	PTT	4	96,024	100,123	123,316	132,492 102,820	117,434 102,635	121,265
55	502	Rangsit	RST	4	16,393	17,961	18,597	19,424	19,751	105,279 20,643
56	503	Thanyaburi	TYB	4	163,679		169,256	171,243	169,996	173,401
57	504 1	Nawa Nakhon	NWN	4	19,528	21,412	22,171	23,164	23,557	24,622
58	511 1		BAN	4	10,243	10,982	11,303	12,173	12,606	13,429
	· · · ]	3MA Total	er er		7,426,544	7,629,848	7,829,100	7,625,762	8,279,820	8,449,263

No.	Staion Local Code Exchange	ABBR	Telecom.	1993	1994	1995	1996	1997	1998
	Population -								
1		PNC	1.	115,811		118,701			122,567
2		SRR	1	188,620					223,568
3		KKM	1	133,694			141,148		
4		SRW	1	132,764		145,989	152,534		165,829
5		SMS	1	138,871		136,306			132,564
, 6 7		ASD PTW	1	165,269			167,336		168,334
8		SKW	1	130,058 96,357		133,677 97,883	135,335 98,558		138,597 99,857
9		CYP	2	65,850		66,355	66,539	99,227 66,715	66,861
10	2 1	BNA	2	230,434	237,129	244,154	251,038	257,914	264,594
11		KGC	2	239,223		250,508	255,488		264,839
12		TMM	2	111,631	113,608	115,610	117,446	119,288	121,068
13		STD	2	39,530		41,610	42,615	43,636	44,647
14	114 Thanon Tok	TNT	2	113,391	114,745	116,105	117,279	118,442	119,525
15	115 Bang Chan	BGC	2	197,245		208,834	214,323	219,975	225,269
16	116 Phra Khanong	PKG	2	95,961	98,868	101,852	104,746	107,701	110,653
17	117 Hua Mak	HAM	2	204,465	208,257	212,114	215,760	219,469	223,087
18	118 Trok Chan	TKC	2	184,145	187,251	190,398	193,273	196,162	
19	119 Lat Krabang	LKG	- 2	54,171	56,016	57,917	59,780	61,692	63,616
20	121 Khlong Toei	KTI	2	114,734	115,903	117,083	118,143	119,203	120,215
21	123 On Nut	ONT	2	121,944	123,501	125,087	126,645	128,276	129,784
22	124 Ramkamhaeng(Phr		2	48,440	51,487	54,497	57,232	60,183	62,450
23	301 Samut Prakan	SPK	2	147,424	153,736	160,410	167,621	175,070	182,762
24	302 Pu Chao Saming Ph		2	188,595	192,825	196,715	200,478	203,877	206,555
25	303 Bang Phli	BPL	2	196,815	203,799	210,745	217,891	225,064	231,731
26	304 Bang Pu	BGU	2	88,396	91,685	94,969	98,350	101,671	104,798
27	305 Bang Phli Bang Bo		2	23,542	24,310	25,072	25,885	26,698	27,449
28	126 Thon Buri	TNB	3	300,055	301,142	302,221	302,800	303,340	303,929
29	127 Bang Khae	BKE	3	146,974	148,764	75 4 4	152,070	153,565	154,943
30	128 Dao Khanong	DKN	3	170,457	170,250	170,022	169,620	169,209	168,866
31	129 Bang Phlat	BGT	3	282,666	287,261	291,980	296,648	301,061	305,770
32 33	130 Phasi Charoen	PSN	3	67,859	68,255	68,654	68,943	69,227	69,464
33 34	131 Charan Sanitwong 132 Rat Burana	CSW RBN	3	204,834 203,015	207,100	209,463	211,903	214,096	216,520
35	133 Lat Ya	LTY	3	-	204,185	205,340	206,346	207,375	208,451
36	134 Muban Setthakit	MSK	3	134,625 157,140	134,053 163,601	133,471	132,662	131,832	130,907
37	135 Ekkachai	EKC	3.	264,460	265,895	170,375 267,281	176,113 268,495	182,046	188,075
38	149 Nong Khaem	NGK	3	139,472	145,473	150,861	156,867	269,683 162,322	270,744 167,756
39	308 Phra Pradaeng	PPG	3	182,810	186,555	190,137	193,963	198,079	201,613
40	402 Bang Bue Thong	BBT	3	229,037	237,151	245,598	254,380	262,897	271,116
41	136 Phahonyothin	PYT	4	282,910	282,726	282,546	281,959	281,320	280,473
42	137 Inthamara	ΓТМ	4	118,526	119,039	119,537	119,829	120,090	120,308
43	138 Bang Khen	BGN	4	50,941	51,626	52,331	53,012	53,676	54,298
44	139 Bang Su	BGS	4	313,270	315,596	317,927	319,787	321,583	323,136
45	140 Don Muang	DNM	4	348,047	359,680	370,465	381,668	392,601	402,939
46	141 Lak Si	LKS	4	197,422	200,612	203,838	206,764	209,695	212,509
47	142 Ram Inthra	RIT	4	166,522	172,613	178,556	183,757	189,322	193,393
48	143 Lat Phrao 1	LTP1	4	82,984	83,924	84,887	85,790	86,668	87,487
49	144 Lat Phrao 2	LTP2	4	86,089	87,784	89,517	91,143	92,795	94,419
50	145 Chacng Watthana	CWT	4	61,149	62,837	64,548	66,127	67,713	69,250
51	401 Nonthaburi	NTB	4	236,412	246,321	256,686	267,592	277.987	288,121
52	405 Ngam Wong Wan	NWW	4	147,706	151,251	154,891	158,439	161,960	
53	406 Pak Kret	PKK	4	125,032	128,985	133,009	137,210	141,199	
54	501 Pathum Thani	PTT	4	107,639	110,479	113,185	115,872	118,208	120,249
55	502 Rangsit	RST	4	21,480	22,418	23,264	24,252	25,207	26,142
56	503 Thanyaburi	TYB	4	176,491	180,027	182,919	186,513	189,823	192,896
57	504 Nawa Nakhon	NWN	4	25,621	26,741	27,751	28,929	30,069	31,184
58	511 Bang Phun	BAN	4	14,271	15,223	16,166	17,231	18,338	19,493
	BMA Total			8,613,297	8,787,051	8,960,048	9,127,810	9,293,050	9,450,105

No.	Staion Loca Code Exchar		Telecom.	1999	2000	2001	2002	2003	2004
- "	Population				2000	2001	2002	2003	2004
9	101 Phloen Chit	DMG		100.040					
1 2		PNC SRR	1	123,843 229,962		126,302			
3			1	147,273		241,574 150,837			•
4	104 Surawong	SRW	1	172,891	180,164	186,518			•
5		SMS	. 1	131,296		128,911			
6	and the second s		1	168,876		169,784			170,956
7 8		PTW SKW	. 1 : 1	140,228	141,886	143,398		-	
9		CYP	. 2	100,499 67,009		101,717			-
10		BNA	$\frac{1}{2}$	271,580	278,475	67,247 284,990			
11		KGC	2	269,498	274,581	278,064			
12			2	122,890	124,770	126,449			
13		STD	2 :	45,686	46,761	47,774	•		50,945
14 15		TNT	2 2	120,632	-	122,714			
16			2	230,877 113,700	236,787 116,859	241,917 119,705	• • •		
17	117 Hua Mak	HAM	2	226,834	230,627	234,293			•
18		TKC	2	201,810	204,772	207,404		-	
19	119 Lat Krabang	LKG	2	65,608	67,679	69,688			
20	121 Khlong Toei	KTI	2	121,250	122,319	123,246		125,146	
21 22	123 On Nut 124 Ramkamhaen	ONT	2	131,340	132,932	134,492	•		
23	301 Samut Prakan		2 2	65,143 191,229	68,171 199,786	70,177	• •	•	
24	302 Pu Chao Sami		2	209,500	211,451	207,479 215,308	• • • • • • • • • • • • • • • • • • • •	223,348 222,230	
25	303 Bang Phli	BPL	2	239,173	246,536	253,797	•	268,310	
26	304 Bang Pu	BGU	2 .	108,269	111,600	115,013	118,350	121,820	125,426
27	305 Bang Phli Bar		2	28,287	29,159	30,111	31,043	32,011	33,017
28 29	126 Thon Buri	TNB	3	304,520	305,107	305,321	305,758	305,872	306,085
30	127 Bang Khae 128 Dao Khanong	BKE DKN	3 3	156,336	157,765	158,899		161,168	162,259
31	129 Bang Phlat	BGT		168,503 310,355	168,134 314,791	167,664 319,145	167,262 323,979	166,755	166,241
32	130 Phasi Charoen		3	69,719	69,999	70,159	70,364	328,552 70,512	333,199 70,685
33	131 Charan Sanitw		3	218,800	221,022	223,289	225,983	228,364	230,849
34	132 Rat Burana	RBN	3	209,684	210,898	212,034	213,271	214,473	215,573
35	133 Lat Ya	LTY	3	130,003	129,137	128,386	127,769	127,218	126,673
36 37	134 Muban Setthal 135 Ekkachai	kit MSK EKC	3	193,139	198,409	203,465	208,785	214,059	219,546
38	149 Nong Khaem	NGK	3	271,836 172,983	273,034 177,936	274,278 183,327	275,476	276,731	277,962
39	308 Phra Pradaeng		3	205,761	209,291	213,593	188,738 217,641	194,024 221,831	199,343 226,158
40	402 Bang Bue Tho		3	279,973	288,874	298,290	308,457	318,611	328,754
41	136 Phahonyothin	PYT	4	279,670	278,985	278,036	277,084	275,908	274,879
42	137 Inthamara	ITM	4	120,589	120,780	120,992	121,155	121,268	121,375
43 44	138 Bang Khen	BGN	4	54,929	55,607	56,391	57,056	57,689	58,388
45	139 Bang Su 140 Don Muang	BGS DNM	4	324,728	326,443	327,870	329,307	330,477	331,791
46	141 Lak Si	LKS	4	414,199 215,391	425,232 218,370	436,017 220,989	446,870	457,777	468,935
47	142 Ram Inthra	RIT	4	198,274	203,785	207,154	223,767 210,498	226,369 213,557	229,070 216,403
48	143 Lat Phrao 1	LTP1	4	88,326	89,214	90,244	91,115	91,938	92,846
49	144 Lat Phrao 2	LTP2	4	96,098	97,847	99,527	101,296	103,032	104,837
50 51	145 Chaeng Watth		4	.70,821	72,440	73,900	75,436	76,894	78,402
52	401 Nonthaburi 405 Ngam Wong V	NTB.	4	299,122	310,229	320,239	331,053	342,036	352,579
53	406 Pak Kret	Van NWW PKK	4	168,670 149,110	172,059 153,185	175,124 157,095	178,396	181,494	185,117
54	501 Pathum Thani	PTT	4	122,534	124,593	127,048	161,256 129,251	165,417 131,627	169,544 133,959
55	502 Rangsit	RST	4	27,185	28,209	29,242	30,241	31,303	32,380
56	503 Thanyaburi	TYB	4	196,491	199,746	203,453	206,747	210,313	213,809
57	504 Nawa Nakhon	NWN	4 .	32,428	33,649	34,883	36,075	37,343	38,628
58	511 Bang Phun	BAN	4	20,807	22,175	23,362	24,545	25,802	27,094
	BMA Total			9,616,167	9,782,028	9,938,324	10,099,399	10,256,428	10,417,430
		*							
	. *			Annas 0	03				
				Annex 8 -	43				

	Staion	Local		Telecom.			
No.	Code	Exchange	ABBR	Area	2005	2006	2007
	Popul	ation					
1	101	Phloen Chit	PNC	1	130,976	132,076	133,182
2		Samran Rat	SRR	ĺ	265,244		276,438
3		Krung Kasem	KKM	1	157,612		160,377
4		Surawong	SRW	1	217,614	224,933	232,641
5	105	Samsen	SMS	1	124,390	123,202	
6		Asok Din Daeng	ASD	1	171,304		171,899
7		Pathum Wan	PTW	1	149,499		152,358
8		Sukhumwit	SKW	1	103,959		105,071
9		Chaiyaphruk	CYP	2	67,541		67,655
10		Bang Na	BNA	2	308,594	314,448	320,285
11		Khlong Chan	KGC	2	291,009		295,753
12		Thung Mahamek	TMM	2	133,372	135,050	
13		Sathupradit	STD	2	52,034		
14		Thanon Tok	TNT BGC	2 2	126,492 263,027	127,347 267,921	128,145 273,228
15		Bang Chan		2	129,962	132,547	135,115
16 17		Phra Khanong Hua Mak	PKG HAM	2	249,557	253.046	256,551
18		Trok Chan	TKC	2	218,317	220,970	223,555
19		Lat Krabang	LKG	2	78,321		
20		Khlong Toci	KTI	2	127,045		
21		On Nut	ONT	2	141,274	142,985	144,791
22		Ramkamhaeng(Phruksa		2	77,622	79,354	80,912
23		Samut Prakan	SPK	2	240,574		259,279
24		Pu Chao Saming Phrai		2	228,677	231,637	234,529
25		Bang Phli	BPL	2	283,527		299,423
26		Bang Pu	BGU	2	128,953	132,618	136,420
27		Bang Phii Bang Bo	BBB	2	34,003	35,027	36,088
28		Thon Buri	TNB	3	306,224	306,225	306,295
29	127	Bang Khac	BKE	3	163,323	164,270	165,125
30		Dao Khanong	DKN	3	165,671	165,062	164,510
31	129	Bang Phlat	BGT	3	337,893	342,278	346,573
32		Phasi Charoen	PSN	3	70,856	.70,991	71,097
33		Charan Sanitwong	CSW	3	233,467	235,818	238,218
34		Rat Burana	RBN	3.	216,564	217,649	218,782
35		Lat Ya	LTY	3	126,157	125,608	125,046
36		Muban Setthakit	MSK	3	225,163	230,794	236,468
37		Ekkachai	EKC	3	279,068	280,177	281,264
38		Nong Khaem	NGK	3	204,869	210,478	215,976
39		Phra Pradacng	PPG		230,234	234,449	238,789
40 41		Bang Bue Thong	BBT PYT	3 4	339,263	349,758 272,615	360,242
42		Phahonyothin Inthamara		4	273,740 121,439		271,229
43		Bang Khen	ITM BGN	4	58,998	121,505 59,727	121,534 60,297
44		Bang Su	BGS	4	332,973	334,221	335,311
45		Don Muang	DNM	4	480,172	491,585	502,253
46		Lak Si	LKS	4	231,779	234,373	236,882
47		Ram Inthra	RIT	4	219,100		223,885
48		Lat Phrao I	LTP1	4	93,636	94,579	95,315
49		Lat Phrao 2	LTP2	4	106,672	108,337	110,024
50		Chaeng Watthana	CWT	4	79,912	81,377	82,588
51		Nonthaburi	NTB	4	363,924		387,220
52		Ngam Wong Wan	NWW	4	188,446		194,464
53		Pak Krei	PKK	4	173,794		182,251
54		Pathum Thani	PTT	4	136,250	138,703	141,117
55		Rangsit	RST	4	33,472	34,629	35,802
56		Thanyaburi	TYB	4	217,237		224,533
57		Nawa Nakhon	NWN	4	39,930	41,311	42,711
58	511 1	Bang Phun	BAN	4	28,421	29,829	31,275
		DMA Total			10 670 140	10 720 040	10.006.001

**BMA** Total

10,579,142 10,738,040 10,895,371

		Staio	Local	•	Telecom.				
	No.	Code	Exchange	ABBI	Arca	1987	1988	1989	1990
	1			PNC	1	55,183	58,713	67,126	79,837
	2			SRR	- 1	41,099	43,824	47,154	52,656
	3	103		KKM	1	18,712	19,783	21,329	23,062
	4			SRW	1	46,360	55,165	63,482	80,226
	5		Samsen	SMS	1	10,825	11,621	13,290	14,639
,	6		Asok Din Daeng	ASD	1	30,579	33,397	40,457	65,944
	7			PTW	1	16,461	16,941	20,823	23,044
	8		Sukhumwit	SKW	1	20,924	22,001	30,338	47,920
	9			CYP	2	21,625	23,425	26,023	33,837
	10		Bang Na	BNA	2	27,340	32,733	37,951	55,789
	11			KGC	2	31,730	37,842	47,172	56,831
	12		Thung Mahamek	MMT	2	16,933	17,043	16,837	25,903
	13		Sathupradit	STD	2	9,972	11,433	12,896	18,938
	14		Thanon Tok	TNT	2	11,114	13,081	14,354	16,643
	15	115	Bang Chan	BGC .	2	8,013	11,708	16,956	33,796
	16	116	Phra Khanong	PKG	2	14,479	16,005	18,922	23,596
	17	117	Hua Mak	HAM	2	18,102	21,328	25,276	35,199
	18	î18	Trok Chan	TKC	2	18,019	20,032	20,411	21,764
٠	19		Lat Krabang	LKG	2	2,311	3,297	4,705	7,106
	20	121	Khlong Toei	KTI	2	9,638	10,397	11,996	17,800
	21	123	On Nut	ONT	2	14,108	16,545	21,070	29,643
ŀ	22	. 124	Ramkamhaeng(Phrul	RKN	2	2,248	2,608	4,171	5,046
	23	301	Samut Prakan	SPK	2	7,358	8,289	11,430	14,784
	24	302	Pu Chao Saming Phr	PSP	2	20,511	25,128	36,940	49,415
	25		Bang Phli	BPL	2	8,171	11,145	13,693	25,952
	26		Bang Pu	BGU	2	3,131	4,059	4,001	5,326
	27		Bang Phli Bang Bo	BBB ·	2	933	1,510	2,906	6,626
	28		Thon Buri	TNB	. 3	19,568	19,384	21,028	23,923
	29	127	Bang Khae	BKE	- 3	11,343	12,347	14,868	17,271
	30		Dao Khanong	DKN	3	15,402	16,574	18,599	21,318
	31		Bang Phlat	BGT	3	37,486	42,217	60,022	65,279
	32		Phasi Charoen	PSN	3	10,501	12,687	17,621	23,350
	33	131	Charan Sanitwong	CSW	3	18,691	21,194	26,625	31,120
	34		Rat Burana	RBN	3	12,062	16,618	18,813	22,493
	35		Lat Ya	LTY	3	20,791	22,353	25,438	31,024
	36		Muban Setthakit	MSK	3	5,805	7,600	11,835	18,702
	37		Ekkachai	EKC	3	15,739	25,381	32,074	43,772
	38		Nong Khaem	NGK	- 3	7,472	10,187	15,474	26,243
	39		Phra Pradaeng	PPG	3	10,750	12,873	14,755	20,106
	40		Bang Bue Thong	BBT	3	2,364	3,770	6,558	11,500
	41		Phahonyothin	PYT	4	24.138	26,728	31,900	38,011
	42		Inthamara	ITM	4	22,067	26,737	32,491	45,403
	43		Bang Khen	BGN	4	18,439	20,334	24,345	32,312
	44		Bang Su	BGS	4	18,484	20,777	23,478	27,037
	45		Don Muang	DNM	4	15,392	20,483	33,026	53,065
	46				4	13,159	14,519		24,237
	47		Lak Si	LKS RIT	4	11,713		19,004 19,066	
			Ram Inthra				14,607		29,550
	48		Lat Phrao 1	LTP1	4	15,680	17,885	23,894	36,665
	49		Lat Phrao 2	LTP2	4	21,302	24,992	31,275	43,008
	50		Chaeng Watthana	CWT	4	12,678	14,706	19,277	33,183
	51		Nonthaburi	NTB	4	9,213	10,696	12,947	16,477
	52		Ngam Wong Wan	NWA	4	22,364	25,777	31,551	40,247
	53		Pak Kret	PKK	4	6,932	9,046	13,646	23,655
	54		Pathum Thani	PTT	4	3,130	4,027	6,277	12,006
	55		Rangsit	RST	4	3,246	4,347	5,885	8,400
	56		Thanyaburi	TYB	4	1,765	2,138	3,480	4,658
	57		Nawa Nakhon	NWN	4	1,112	2,333	3,183	5,666
	58	511	Bang Phun	BAN	4				

BMA Total 894,667 1,032,370 1,270,144 1,701,003

Source: Telephone Statistics 1990/TOT

Satus of Telephone Lines, Waiting List and Cable as of September 1987, 1988 and 1990/TOT

8 - 19 Expressed Demand in the Surrounding Area

No.	Area Exchange Name				
	Code	1987	1988	1989	1990
1	6 Nakhon Pathom	8,560	9,907	11,463	13,864
	6 Sam Phran	2,772	3,130	4,025	4,879
2 3	6 Nakhon Chaisi	1,059	1,208	2,300	2,994
4	6 Kamphaeng Saen	400	450	582	1,062
	Total	12,791	14,695	18,370	22,799
5	6 Samut Sakhon	5,089	6,672	7,991	12,358
6	6 Krathum baen	1,826	2,123	2,972	3,786
7	6 Ban Phaco	1,549	2,172	2,532	2,776
	Total	8,464	10,967	13,495	18,920
8	9 Ayutthaya 1	1,266	1,452	1,352	1,746
9	9 Ayutthaya 2	2,034	2,195	3,128	4,036
10	9 Bang Pa-in	423	494	614	1,119
11	9 Wang Noi	508	622	1,039	1,357
12	9 Phachi	281	387	487	739
13	9 Tha Rua	823	952	1,082	1,402
14	9 Sena	537	596	697	934
15	9 Phra Intharacha	342	456	601	863
16	9 Ban Phraek	0	0	138	164
17	9 Bang Sye	0	0	102	153
18	9 Bang Sai	0	0	0	236
19	9 Phak Hai	0	0	0	500
20	9 Bang Ban	0	0	0	362
21	9 Lat Bua Luang	0	0	0	198
22	9 Maharat	0	0	0	146
23	9 Nakhon Loang	0	0	0	530
24	9 Uthai	0	0	0	224
25	9 Bang Pahan	0	0	0	427
26	9 Suan Utsahakae Rochana	0	0	0	0
	Total	6,214	7,154	9,240	15,136

Source:

Telephone Statistics 1990/TOT Satus of Telephone Lines, Waiting List and Cable as of September 1987, 1988 and 1990/TOT

8 - 20 Telephone Densities of Branch Office Area in Tokyo Metropolitan Area in 1991

Croup	Branch Office	A THE PARTY COMMENTS OF THE PARTY COMMENTS O	Telephone Su	bscriber	***************************************	Business Sul	Telephone
	Area	Residential	Business Sub.	Total	Population	Rate	Density
	1.4				•		
1 City Core	Chiyoda	11,565					
2 City Core	Chyuou	27,343			83,687		
3 City Core	Minato	90,029				0.77	
4 City Core	Shinjyuku	193,706	265,184	458,890	385,186	0.58	1.19
5 Sub City Core A	Daitou	47,525	158,071	205,596	159,848	0.77	1.29
6 Sub City Core A	Sumida	87,925	85,293	173,218	271,193	0.49	0.64
7 Sub City Core A	Shinagawa	94,941	77,399	172,340	221,551		
8 Sub City Core A	Shibuya	72,228	122,144	194,372	149,856	0.63	1.30
9 Sub City Core A	Toshima	134,922	109,012	243,934	292,179	0.45	0.83
10 Sub City Core B	Bunkyou	93,860	83,582	177,442	219,465	0.47	0.81
11 Sub City Core B	Meguro	107,041	50,908	157,949	235,213	0.32	0.67
12 Sub City Core B	Nakano	128,468	40,060	168,534	269,051	0.24	0.63
13 Sub City Core B	Kita	100,904	34,690	135,594	266,245	0.26	0.51
14 Sub City Core B	Arakawa	63,364	45,771	109,135	185,635	0.42	0.59
15 Residential Area A	Otaku	288,480	143,413			0.33	0.57
16 Residential Area A	Setagaya	325,802	93,048	418,850	724,041	0.22	0.58
17 Residential Area A	Suginami	265,271	71,230	336,501	560,029	0.21	0.60
18 Residential Area A		279,628	94,486	374,114			0.53
19 Residential Area A	Adachi	205,202				0.29	0.48
20 Residential Area B	Koutou	131,299	84,350			0.39	0.58
21 Residential Area B	the state of the s	196,312					0.50
22 Residential Area B		123,444				0.30	0.48
23 Residential Area B	Edogawa	203,006			•		
24 Residential Area B	Hachiouii	163,901					-
25 Suburb	Tama-naka	357,183					
26 Suburb	Musashino	342,450		, ,			
27 Suburb	Tama-higashi	305,178					
28 Suburb	Sagamihara	306,192	-				
Total		4,747,169	3,161,68	7,908,850	12,298,593	***************************************	0.64

Source:

NTT Tokyo Regional Head Office

## 8-21 Result of X^2 Analysis(1/5)

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}	1121	T	1	No of	Comp	1		of Co			12.	COMIT G	<u> </u>	No of	Compa	nies	No. o			
Business Category	╢	No	Yes	No	Yes	No			X^2.N	XA2 Y		No	Yes	No	Yes	No	No	Yes	X^2.N	X^2.1
	₩;		+		4.5			-			١	38%	63%	3.4	5.6	9	5	4	0.351	0.376
1:Agr. + Min.	╫┷	50%								0.008	2	41%	59%	25.2	36.8	62	32			1.55
2:Manufacturing	2					62	45		•										0.131	
3:Utilities	41_3	100%					2		0.332	0.846		67%	33%	2.0		3	2			0.14
4:Costruction	1 4				5.3	16			0.058		4	67%	33%	10.7	5.3	16	8			0.74
5:Wholesale	1 5	71%			8.5	29	21			0.01	5		33%	19.3	9.7	29	15			1.35
6:Retail	6	73%	27%			13	9			0.004	6		81%	2.4	10.6	13	7			2.913
7:Rest. + Hotel	7	71%	28%	6.4	2.5		6	3	2E-04	1E-04	7	57%	43%		3.9	9			0.051	0.054
8:Transport	8	64%	36%	10.3	5.7	16	11	5	0.125	0.32	8	64%	36%	10.3	5.7	16	8	8	0.491	0.520
9:Finan. + Real Est.	9	76%	24%	45.1	13.9	59	42	17	0.174	0.442	9	49%	51%	29.0	30.0	59	31	28	0.077	0.083
10.Private Ser. + Gov.	10						11	4	0.005	0.012	10	.80%	20%	12.0	3.0	15	8	7	2.324	2.48
10.1 11.000 00. 1 0.00	To		1	166		230.9	166			3.307	To			119	112		119	112		
	11:0	1	<del> </del>	1-100		230.5	11-255	(r-1)	0	0.501	1	<u> </u>	<del> </del> -		***	200017		(r-1)*	0	1
	₩	f		<del> </del>			H		dard X'	11 07	<b>}</b> -						<b></b>		ard X^2	11.0
	#	Ļ		ļ		<del> </del>	<b> </b>	Stati	daru A.	11.07	<b> </b>	ļ					<b></b>	Statio	uu A Z	11.0
	<b></b>	L	L	<b> </b> -				1			<u> </u>	L	L				II <u></u>	<u> </u>		ļ
	Dis	scount Se	<u>er.3</u>		<u> </u>	<u> </u>		ction			Dis	count Se	r.4		L	L	Expec			
L	<u> </u>	l		No. of	Comp	anies		of Co		14.	ــــــــــــــــــــــــــــــــــــــ		<u> </u>	No. of	Compa	inies :	No. o			
Business Category	1	No	Yes	No	Yes	No	No	Yes	X^2 N	X^2.Y	آ اا	No	Yes	No	Yes	No	No	Yes	X^2.N	X^2.
1:Agr. + Min.	11	75%			2.3	9	6	•	0.177	0.311	ī	63%	38%	5.6	3.4	9	5	4	0.007	0.21
2:Manufacturing	1 2			38.9	23.1	62	40			0.021	2	56%	44%		27.3	62	37	30		0.22
3:Utilities	1 3		33%	2.0			2		0.004	0.007	3	67%	33 %	2.0	1.0	3	2	ĭ	0.021	0.14
						16	10		1.95	3.439	<del>-</del>	67%	33%	10.7	5.3	16	10		0.109	
4:Costruction	4	92%	8%	14.7	1.3						4						17	14		
5: Wholesale	5	6/%		19.3	9.7	29	19			0.067	5	63%	38%		10.9	29				0.7
6:Retail	6	55%		7.1	5.9	13	8			0.311	6	55%	46%	7.1	5.9	13		6		0.02
7:Rest. + Hotel	7	43%	57%	3.9	5.1	9	6		0.617	1.087	7	71%	29%	6.4	2.6	9		4	0.185	0.72
8:Transport	8	64%	36%	10.3	5.7	16	10	6	6E-04	0.001	8	57%	43%	9.1	6.9	16	10			0.091
9:Pinan. + Real Est.	9	64%	36%	37.5	21.5	59	38	21	4E-04	7E-04	9	64%	36%	37.5	21.5	59	36	28	0.108	1,73
10.Private Ser. + Gov.	10	47%	53%	7.0	8.0	15	10	5	0.688	1.214	10	53%	47%	8.0	7.0	15	9		0.121	0.00
10.11.11.00.1.	Tot			147	84	231	147	84	3.663	6.459				139	92	231	139		0.871	4.60
	11.0	<u> </u>		1-7/			1 27.	(r-1)	2.002	0.732	1.2			1.57				(r-1)*		11.20
<del></del>	-	<del>                                     </del>	· · · · · · ·	ļ <i>-</i>			¦∤		7 7 7/4	11 05	-			<del> </del> -			H			110
	<b>   </b>			ļ			ļ	Stan	dard X'	11.07	-			ļ				Stanu	ard X^.	11.0
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	Dis	count Se	r.5				Expe				Dis	count Se	r.6		e .		Expe			
				No. of	Compa	nies	No. o							No. of	Compa	inies	No. o			L
Business Category		No	Yes	No	Yes	No	No	Yes	X^2.N	X^2.Y		No	Yes	No	Yes	No	No	Yes	X^2.N	X^2.
1:Agr. + Min.		88%	13%	7.9	1.1	9	7	2	0.217	0.621	1	88%	13%	7.9	1.1	9	8	1	0.01	0.05
2:Manufacturing	2	76%	24%	47.3	14.7	62	46	16		0.112	2	95%	5%		3.2	62	52	10		4.39
3:Utilities	3	100%		3.0			·	<del></del>	3.437	V	-~	67%			1.0	3		Õ		0.0
4:Costruction	4,					71	וו		0 271	0.776				711			11 11			
	1 4		0%		0.0	3	1 2	<u> </u>	0.271	0.776	3		33%	2.0			3			2 '
5:Wholesale	4	58%	42%	9.3	6.7	16	12	4	0.542	1.553	4	100%	0%	16.0	0,0	16	14	2	0.463	2.3
6:Retail	5	58% 79%	42% 21%	9.3 23.0	6.0	16 29	22	7	0.542 0.1	1.553 0.287	5	100% 88%	0% 13%	16.0 25.4	0.0 3.6	16 29	14 24	2 5	0.463 0.034	0.18
	5 6	58% 79% 64%	42% 21% 36%	9.3 23.0 8.3	6.7 6.0 4.7	16 29 13	22 10	7	0.542 0.1 0.195	1.553 0.287 0.559	4 5 6	100% 88% 91%	0% 13% 9%	16.0 25.4 11.8	0.0 3.6 1.2	16 29 13	14 24 11	2	0.463 0.034 0.066	0.18 0.35
7:Rest. + Hotel	5 6 7	58% 79% 64% 71%	42% 21% 36% 29%	9.3 23.0 8.3 6.4	6.7 6.0 4.7 2.6	16 29 13	22 10 7	7 3 2	0.542 0.1 0.195 0.009	1.553 0.287 0.559 0.026	4 5 6 7	100% 88% 91% 86%	0% 13% 9% 14%	16.0 25.4 11.8 7.7	0.0 3.6 1.2 1.3	16 29 13 9	14 24 11 8	2 5 2 1	0.463 0.034 0.066 0.002	0.18 0.35 0.0
7:Rest. + Hotel 8:Transport	5 6 7 8	58% 79% 64% 71% 57%	42% 21% 36% 29% 43%	9.3 23.0 8.3 6.4 9.1	6.7 6.0 4.7 2.6 6.9	16 29 13 9	22 10 7 12	7 3 2 4	0.542 0.1 0.195 0.009 0.627	1.553 0.287 0.559 0.026 1.797	4 5 6 7 8	100% 88% 91% 86% 79%	0% 13% 9% 14% 21%	16.0 25.4 11.8 7.7 12.6	0.0 3.6 1.2 1.3 3.4	16 29 13 9 16	14 24 11 8 14	2 5 2 1	0.463 0.034 0.066 0.002	0.18 0.35 0.0 0.34
7:Rest. + Hotel	5 6 7	58% 79% 64% 71%	42% 21% 36% 29%	9.3 23.0 8.3 6.4	6.7 6.0 4.7 2.6	16 29 13	22 10 7 12 44	7 3 2	0.542 0.1 0.195 0.009 0.627	1.553 0.287 0.559 0.026	4 5 6 7 8 9	100% 88% 91% 86% 79% 67%	0% 13% 9% 14%	16.0 25.4 11.8 7.7	0.0 3.6 1.2 1.3	16 29 13 9 16 59	14 24 11 8 14 50	2 5 2 1 2 9	0.463 0.034 0.066 0.002 0.063 2.039	0.18 0.35 0.0 0.34; 11.0
7:Rest. + Hotel 8:Transport	5 6 7 8	58% 79% 64% 71% 57% 75%	42% 21% 36% 29% 43%	9.3 23.0 8.3 6.4 9.1	6.7 6.0 4.7 2.6 6.9	16 29 13 9	22 10 7 12	7 3 2 4	0.542 0.1 0.195 0.009 0.627	1.553 0.287 0.559 0.026 1.797	4 5 6 7 8	100% 88% 91% 86% 79% 67%	0% 13% 9% 14% 21%	16.0 25.4 11.8 7.7 12.6	0.0 3.6 1.2 1.3 3.4	16 29 13 9 16	14 24 11 8 14	2 5 2 1	0.463 0.034 0.066 0.002	0.18 0.35 0.0 0.34; 11.0
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9	58% 79% 64% 71% 57% 75% 87%	42% 21% 36% 29% 43% 26%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0	16 29 13 9 16 59	10 7 12 44 11	7 3 2 4 15	0.542 0.1 0.195 0.009 0.627 0.001 0.319	1.553 0.287 0.559 0.026 1.797 0.003 0.915	4 5 6 7 8 9	100% 88% 91% 86% 79% 67% 87%	0% 13% 9% 14% 21% 33%	16.0 25.4 11.8 7.7 12.6 39.7	0.0 3.6 1.2 1.3 3.4 19.3	16 29 13 9 16 59	14 24 11 8 14 50	2 5 2 1 2 9	0.463 0.034 0.066 0.002 0.063 2.039 0.01	0.18 0.35 0.0 0.34 11.0 0.05
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9	58% 79% 64% 71% 57% 75% 87%	42% 21% 36% 29% 43% 26%	9.3 23.0 8.3 6.4 9.1 44.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0	16 29 13 9 16 59	22 10 7 12 44	7 3 2 4 15 4 31	0.542 0.1 0.195 0.009 0.627 0.001 0.319	1.553 0.287 0.559 0.026 1.797 0.003	5 6 7 8 9	100% 88% 91% 86% 79% 67% 87%	0% 13% 9% 14% 21% 33%	16.0 25.4 11.8 7.7 12.6 39.7 13.0	0.0 3.6 1.2 1.3 3.4 19.3 2.0	16 29 13 9 16 59	14 24 11 8 14 50	2 5 2 1 2 9 2 36	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611	0.18 0.35 0.0 0.34 11.0 0.05
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9	58% 79% 64% 71% 57% 75% 87%	42% 21% 36% 29% 43% 26%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0	16 29 13 9 16 59	10 7 12 44 11	7 3 2 4 15 4 31 (r-1)	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648	5 6 7 8 9	100% 88% 91% 86% 79% 67% 87%	0% 13% 9% 14% 21% 33%	16.0 25.4 11.8 7.7 12.6 39.7 13.0	0.0 3.6 1.2 1.3 3.4 19.3 2.0	16 29 13 9 16 59	14 24 11 8 14 50	2 5 2 1 2 9 2 36 (r-1)*	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9	58% 79% 64% 71% 57% 75% 87%	42% 21% 36% 29% 43% 26%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0	16 29 13 9 16 59	10 7 12 44 11	7 3 2 4 15 4 31 (r-1)	0.542 0.1 0.195 0.009 0.627 0.001 0.319	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648	5 6 7 8 9	100% 88% 91% 86% 79% 67% 87%	0% 13% 9% 14% 21% 33%	16.0 25.4 11.8 7.7 12.6 39.7 13.0	0.0 3.6 1.2 1.3 3.4 19.3 2.0	16 29 13 9 16 59	14 24 11 8 14 50	2 5 2 1 2 9 2 36 (r-1)*	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% sl	42% 21% 36% 29% 43% 26% 13%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0	16 29 13 9 16 59	22 10 7 12 44 11 200	7 3 2 4 15 4 31 (r-1) Stand	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X <sup>a</sup>	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% 87% ai	0% 13% 9% 14% 21% 33% 13%	16.0 25.4 11.8 7.7 12.6 39.7 13.0	0.0 3.6 1.2 1.3 3.4 19.3 2.0	16 29 13 9 16 59	14 24 11 8 14 50 13 195	2 5 2 1 2 9 2 36 (r-1)*	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87%	42% 21% 36% 29% 43% 26% 13%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60	16 29 13 9 16 59 15 231	22 10 7 12 44 11 200	7 3 2 4 15 4 31 (r-1) Stand	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X <sup>a</sup>	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% 87%	0% 13% 9% 14% 21% 33% 13%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36	16 29 13 9 16 59 15 231	14 24 11 8 14 50 13 195	2 5 2 1 2 9 2 36 (r-1)* Stand	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est.	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% sl	42% 21% 36% 29% 43% 26% 13%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0	16 29 13 9 16 59 15 231	22 10 7 12 44 11 200 Expe	7 3 2 4 15 4 31 (r-1) Stand	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X'	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% 87% ai	0% 13% 9% 14% 21% 33% 13%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195	0.0 3.6 1.2 1.3 3.4 19.3 2.0	16 29 13 9 16 59 15 231	14 24 11 8 14 50 13 195 Expec No. o	2 5 2 1 2 9 2 36 (r-1)* Stand	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest, + Hotel 8:Transport 9:Pinan, + Reaf Est 10.Private Ser. + Gov.	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% sl	42% 21% 36% 29% 43% 26% 13%	9.3 23.0 8.3 6.4 9.1 44.0 13.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60	16 29 13 9 16 59 15 231	22 10 7 12 44 11 200 Expe	7 3 2 4 15 4 31 (r-1) Stand	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X <sup>a</sup>	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% 87% ai	0% 13% 9% 14% 21% 33% 13%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36	16 29 13 9 16 59 15 231	14 24 11 8 14 50 13 195 Expec No. o	2 5 2 1 2 9 2 36 (r-1)* Stand	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov. Business Category	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% al	42% 21% 36% 29% 43% 26% 13% Errvices	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Compa	16 29 13 9 16 59 15 231	22 10 7 12 44 11 200 Expe	7 3 2 4 15 4 31 (r-1) Stand	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X'	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% 87% ai	0% 13% 9% 14% 21% 33% 13% ervices	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Compa	16 29 13 9 16 59 15 231	14 24 11 8 14 50 13 195 Expec No. o	2 5 2 1 2 9 2 36 (r-1)* Stand	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2	0.18 0.35 0.0 0.34 11.0 0.05 19.
7:Rest. + Hotel 8:Transport 9:Finan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min.	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% al e Dial Se	42% 21% 36% 29% 43% 26% 13%  Frvices Yes 43%	9.3 23.0 8.3 6.4 9.1 44.0 171 No. of No. 7.7	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Compa	16 29 13 9 16 59 15 231	22 10 7 12 44 11 200 Expe No. c	7 3 2 4 15 4 31 (r-1) Stand ction of Co Yes 2	0.542 0.1 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X' X'2.N 0.025	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 X^2. Y 2.715	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% 87% al simile S	0% 13% 9% 14% 21% 33% 13% ervices Yes 38%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No. of	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Compa Yes 3.4	16 29 13 9 16 59 15 231 nries No	14 24 11 8 14 50 13 195 Expec No. o	2 5 2 1 2 9 2 36 (r-1)* Stand tion f Co. Yes	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 X^2.N 0.128	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2.1 0.33
7:Rest. + Hotel 8:Transport 9:Finan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 87% at e Dial So No 86% 80%	42% 21% 36% 29% 43% 26% 13% ervices Yes 43% 20%	9.3 23.0 8.3 6.4 9.1 44.0 171 No. of No. of 7.7 49.4	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Yes 3.9 12.6	16 29 13 9 16 59 15 231 	22 10 7 12 44 11 200 Expe No. c No. 7 50	7 3 2 4 15 4 31 (r-1) Standof Co Yes 2 12	0.542 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X <sup>o</sup> X <sup>o</sup> 2.N 0.025 0.012	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 X^2. Y 2.715 0.052	4   5   6   7   8   8   9   10   Tot	100% 88% 91% 86% 79% 67% 87% al simile S No 63%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No. of 5.6 50.5	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Compa Yes 3.4 11.5	16 29 13 9 16 59 15 231 unites No 9	14 24 11 8 14 50 13 195 Expec No. o	2 5 2 1 2 9 2 36 (r-1)* Stand	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 X^2.N 0.128 0.653	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2.3 0.33 1.73
7:Rest. + Hotel 8:Transport 9:Finan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities	5 6 7 8 9 10 Tot.  Free  1 2 3	58% 79% 64% 71% 57% 87% ai e Dial Se No 86% 80% 67%	42% 21% 36% 29% 43% 26% 13% ervices Yes 43% 20% 33%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. 7.7 49.4 2.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Yes 3.9 12.6	16 29 13 9 16 59 15 231 whites No 9 62	22 10 7 12 44 11 200 Expe No. c No 7 50	7 3 2 4 15 31 (r-1) Standorf Co Yes 2 12	0.542 0.195 0.009 0.627 0.001 0.319 2.319 9 dard X <sup>o</sup> X <sup>o</sup> 2.N 0.025 0.012 0.075	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 X^2. Y 2.715 0.052 0.321	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% at simile S No 63% 81%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No 5.6 50.5	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Compa Yes 3.4 11.5	16 29 13 9 16 59 15 231 nies No 9 62	14 24 11 8 14 50 13 195 Expec No. o No. 7 45	2 5 2 1 2 36 (r-1)* Stand tion f Co. Yes 2 17	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 0.128 0.653 0.309	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.8
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction	5 6 7 8 9 10 Tot.  Free  1 2 3 4	58% 79% 64% 71% 57% 75% 87% at c Dial Sc 86% 86% 86% 86%	42% 21% 36% 29% 43% 26% 13%  Frvices  Yes 43% 20% 33% 17%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. 7.7 49.4 2.0 13.3	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Compa Yes 3.9 12.6 1.0 2.7	16 29 13 9 16 59 15 231 No 9 62 3 16	22 10 7 12 44 11 200 Expe No. c No 7 50 2 13	7 3 2 4 15 4 31 (r-1) Stane etion of Co Yes 2 12 1 3	0.542 0.1 0.195 0.009 0.627 0.001 0.319 9 dard X' X'2.N 0.025 0.012 0.075	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 X^2.Y 2.715 0.052 0.321 0.046	4 5 6 7 8 9 10 Tot	100% 88% 91% 86% 79% 67% at simile S No 63% 81% 810%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19% 0%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No 5.6 50.5 3.0 13.3	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Compa Yes 3.4 11.5 0.0 2.7	16 29 13 9 16 59 15 231 No 9 62 3	14 24 11 8 14 50 13 195 Expec No. o No 7 45 2	2 5 2 1 2 36 (r-1)* Stand tion f Co. Yes 2 17	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 X^2.N 0.128 0.653 0.309	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.86
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale	5 6 7 8 9 10 Tot.  Free  1 2 3 4 5 5	58% 79% 64% 71% 57% 75% 87% al  e Dial Se  No 86% 80% 67% 83% 88%	42% 21% 36% 29% 43% 13% 13%  Privices  Yes 43% 20% 33% 17% 13%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. of No. of 17.7 49.4 2.0 13.3 25.4	6.7 6.0 4.7 2.6 6.9 15.0 60 2.0 7 es 3.9 12.6 1.0 2.7 3.6	16 29 13 9 16 59 15 231 231 231 231 231 231 24 25 27 27 27 27 27 27 27 27 27 27 27 27 27	22 10 7 12 44 11 200 No. c No. c No. c No. 2 13 23	7 3 2 4 15 4 31 (r-1) Standorf Co Yes 2 12 1 3	0.542 0.195 0.009 0.627 0.001 0.319 9 Jard X' 0.025 0.015 0.015 0.015 0.015	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.051 0.046 0.651	4   5   6   7   8   9   10   Total	100% 88% 91% 86% 79% 67% 87% at simile S No 63% 81% 100% 75%	0% 13% 9% 14% 21% 33% 13% 4 ervices Yes 38% 0% 17% 25%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No. of So.5 5.6 5.6 3.0 13.3 21.8	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Yes 3.4 11.5 0.0 2.7 7.3	16 29 13 9 16 59 15 231 nnies No 9 62 3 16 29	14 24 111 8 14 50 195 Expec No. o No 7 4 2 12 21	2 5 2 1 2 9 2 36 (r-1)* Stand tion f Co. Yes 2 17 1	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 0.653 0.309 0.25 0.022	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.8 0.66 0.05
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% at c Dial Sc 86% 86% 86% 86%	42% 21% 36% 29% 43% 26% 13%  Frvices  Yes 43% 20% 33% 17%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. 7.7 49.4 2.0 13.3	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Compa Yes 3.9 12.6 1.0 2.7	16 29 13 9 16 59 15 231 No 9 62 3 16 29 13	222 100 7 122 444 111 2000 Expec No. c No. 7 50 2 13 23 11	7 3 2 4 15 4 31 (r-1) Stane etion of Co Yes 2 12 1 3	0.542 0.11 0.195 0.009 0.627 0.001 0.319 9 dard X^2 X^2.N 0.025 0.012 0.075 0.0153 0.484	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.321 0.046 0.651 2.059	4   5   6   7   8   9   10   Tot	100% 88% 91% 86% 79% 67% at simile S No 63% 81% 810%	9% 13% 14% 21% 13% 13% 13% 13% 13% 13% 13% 13% 13% 1	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No 5.6 50.5 3.0 13.3	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Compa Yes 3.4 11.5 0.0 2.7 7.3 3.5	16 29 13 9 16 59 15 231 No 9 62 3 16 29 13	14 24 11 8 14 50 31 195 Expec No. o No 7 45 12 12 21	2 5 2 1 2 9 2 36 (r-1)* Stand tion f Co. Yes 2 17 1	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 and X^2 X^2.N 0.128 0.653 0.309 0.22 4E-06	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.86 0.06 0.05 9E-0
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail	5 6 7 8 9 10 Tot.  Free  1 2 3 4 5 5	58% 79% 64% 71% 57% 75% 87% al  e Dial Se  No 86% 80% 67% 83% 88%	42% 21% 36% 29% 43% 13% 13%  Privices  Yes 43% 20% 33% 17% 13%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. of No. of 17.7 49.4 2.0 13.3 25.4	6.7 6.0 4.7 2.6 6.9 15.0 60 2.0 7 es 3.9 12.6 1.0 2.7 3.6	16 29 13 9 16 59 15 231 231 231 3 16 29	22 10 7 12 44 11 200 No. c No. c No. c No. 2 13 23	7 3 2 4 15 4 31 (r-1) Standorf Co Yes 2 12 1 3	0.542 0.11 0.195 0.009 0.627 0.001 0.319 9 dard X^2 X^2.N 0.025 0.012 0.075 0.0153 0.484	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.051 0.046 0.651	4   5   6   7   8   9   10   Tot	100% 88% 91% 86% 79% 67% 87% at simile S No 63% 81% 100% 75%	0% 13% 9% 14% 21% 33% 13% 4 ervices Yes 38% 0% 17% 25%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No. of So.5 5.6 5.6 3.0 13.3 21.8	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Yes 3.4 11.5 0.0 2.7 7.3	16 29 13 9 16 59 15 231 nies No 9 62 3 16 29	14 24 11 8 14 50 13 195 Expec No. o No 45 2 12 12 19	2 5 2 1 2 9 2 36 (r-1)* Stand tion f Co. Yes 2 17 1	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 0.653 0.309 0.25 0.022	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.86 0.06 0.05 9E-0
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 5:Retail 7:Rest. + Hotel	5 6 7 8 90 100 Tot	58% 79% 64% 71% 57% 75% 87% st  e Dial Sc  No 86% 67% 83% 67% 83% 64% 100%	42% 21% 36% 29% 43% 13% 13% 20% 33% 17% 13% 36% 0%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. of 7.7 49.4 2.0 13.3 25.4 8.3 9.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Yes 3.9 12.6 1.0 2.7 3.6 4.7	16 29 13 16 59 15 231 No 9 62 3 16 29 13	22   10   7   12   44   11   200   Expe   No. c   No. c   No. c   7   50   2   13   23   11   7	7 3 2 4 15 4 31 (r-1) Stan- etion Yes 2 12 1 3 6 2	0.542 0.11 0.195 0.009 0.627 0.001 0.319 9 dard X^2 X^2.N 0.025 0.012 0.075 0.013 0.153 0.153 0.484 0.403	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.321 0.065 0.651 0.651 2.059	4   5   6   7   8   9   10	100% 88% 91% 86% 79% 67% 87% at simile S No 63% 83% 100% 83% 75% 73%	0% 13% 9% 21% 33% 13% ervices Yes 38% 19% 0% 17% 25% 29%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No. of So.5 3.0 13.3 21.8 9.5 6.4	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Yes 3.4 11.5 0.0 2.7 7.3 3.5 2.6	16 29 13 9 16 59 15 231 nies No 9 62 3 16 29	14 24 11 8 14 50 13 195 Expec No. o No 45 2 12 12 19	2 55 22 1 1 22 36 ((r-1)** Stand 1 100 F Co. 2 17 1 4 8 4 4 2 2	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 0.653 0.309 0.25 0.022 4E-06 0.002 0.003	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.66 0.05 9E-0
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 5:Retail 7:Rest. + Hotel 3:Transport	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 87% 87% at  e Dial Se 86% 80% 67% 83% 88% 64% 100% 79%	42% 21% 36% 29% 43% 26% 13% 26% 13% 17% 13% 36% 0% 21%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. of 7.7 49.4 2.0 13.3 25.4 8.3 9.0 12.6	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Yes 3.9 12.6 1.0 2.7 3.6 4.0 0.0	16 29 13 16 59 15 231 No 9 62 3 16 29 13	22   10   7   12   44   11   200   Expe   No. c   No. c   7   7   50   2   13   23   11   7   13	7 3 2 4 15 4 31 (r-1) Standorf Coo Yes 2 12 1 3 66 22 2	0.542 0.195 0.009 0.627 0.001 0.319 2.319 dard X^0 0.025 0.012 0.075 0.011 0.153 0.483 0.403 0.011	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 X^2. Y 2.715 0.052 0.321 0.046 0.651 2.059 1.713 0.047	4   5   6   7   8   9   10	100% 88% 91% 86% 79% 67% 87% at simile S No 63% 81% 100% 83% 75% 71% 57%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19% 0% 17% 25% 27% 43%	16.0 25.4 11.8 7.7 12.6 39.7 13.0 195 No. of No. of So.5 3.0 13.3 21.8 9.5 6.4 9.1	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Yes 3.4 11.5 0.0 2.7 7.3 3.5 6.9	16 29 13 9 9 16 59 15 231 No 9 62 3 16 29 13	144 24 111 8 144 500 133 1955   Expec No. o o No 7 45 2 2 12 21 2 9 9 7 7 12	2 5 2 1 2 36 ((-1)** Stand Hillon F Co. 2 17 1 4 8 4 4 2 4	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 0.653 0.309 0.25 0.022 4E-06 0.002 0.003	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X^2. 0.33 1.73 0.86 0.66 0.05 9E.0
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 1:Costruction 5:Wholesale 5:Retail 7:Rest. + Hotel 3:Transport 0:Finan. + Real Est.	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 87% 87% at  © Dial So 66% 86% 67% 88% 64% 100% 79% 86%	42% 21% 36% 29% 43% 26% 13%  26% 13% 33% 17% 13% 36% 0% 15%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. of 7.7, 49.4 2.0 13.3 25.4 8.3 9.0 12.6 50.4	Compp Yes 12.6 6.0 6.0 15.0 60 2.0 60 2.0 12.6 1.0 2.7 3.9 12.6 1.0 2.7 3.4 4.7 0.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	16 29 13 16 59 15 231 231 80 9 62 29 13 9 16 59	22 10 7 12 44 11 200 No. c No. 7 50 2 13 23 11 7 13 48	7 3 4 15 4 31 (r-1) Stann Ction Yes 2 12 1 3 6 2 2 1 3 11	0.542 0.195 0.009 0.627 0.001 0.319 2.319 dard X' X'2.N 0.025 0.012 0.075 0.011 0.153 0.484 0.4031 0.011	1.553 0.287 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.321 0.046 0.651 2.059 1.793 0.047	4   5   6   7   8   9   10   Tot     1   2   3   4   5   6   7   8   9   9   9	100% 88% 91% 86% 79% 67% 87% at  No 63% 81% 75% 73% 71% 57% 66%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19% 0% 25% 27% 24% 43% 35%	No. of No. 5.6.6.5.5.6.4.9.1.8.9.5.4.8.9.5.4.8.9.5.4.8.9.5.4.8.9.5.9.5	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Yes 3.4 11.5 0.0 2.7 7.3 3.5 2.6 6.9 20.4	16 29 13 9 16 59 15 231 nies No 9 62 3 16 29 13 16 59	14 24 11 8 14 50 13 195 Expecs No. o No. 7 45 2 2 11 9 7 7 12 12 43	2 55 22 1 22 36 ((c-1)** Stand ction f Co. 2 17 1 4 8 8 4 4 2 2 4	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 ard X^2 0.653 0.309 0.25 0.022 4E-06 0.003 0.033 0.416	0.18 0.35 0.0 0.34 11.0 0.05 19. 11.0 X*2.* 0.33 1.73 0.86 0.05 9E.00 0.00 1.41 1.10
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Reaf Est.	5 6 7 8 9 10 Tot 2 3 4 5 6 7 8 9 10	58% 79% 64% 71% 57% 75% 87% al  e Dial So 86% 80% 67% 83% 64% 100% 79% 86% 73%	42% 21% 36% 29% 43% 26% 13% 26% 13% 17% 13% 36% 0% 21%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. 7.7 49.4 2.0 13.3 9.0 12.6 8.3 9.0 12.6 11.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Ccomper Yes 3.9 12.6 1.0 2.7 3.6 4.7 0.0 3.4 4.7	16 29 13 39 16 59 15 231 231 80 62 3 16 62 9 62 13 19 13 9	22   10   7   12   44   11   200   No. c   No. c   No. c   No. c   7   50   2   13   23   11   7   13   48   11   12   13   13   14   15   15   15   15   15   15   15   15	7 3 2 4 15 4 31 (r-1) Stann etion Yes 2 12 1 3 6 2 2 2 3 11	0.542 0.11 0.195 0.009 0.627 0.001 0.319 2.319 9 Jard X <sup>o</sup> X^2.N 0.025 0.012 0.075 0.015 0.484 0.403 0.011 0.153 0.109	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.321 0.046 0.651 2.059 1.713 0.048 0.638	4   5   6   7   8   9   10	100% 88% 91% 86% 79% 87% at simile S No 63% 100% 83% 71% 57% 71% 66% 67%	9% 13% 9% 14% 21% 33% 13% 13% 17% 25% 27% 29% 43% 35%	No. of 50.5 3.00 13.3 21.8 9.5 6.4 9.11 10.0 10.0 10.0 10.0 10.0 10.0 10.0	0.0 3.6 1.2 1.3 3.4 19.3 3.6 Yes 3.4 11.5 0.0 2.7 7.3 3.5 2.6 9.0 4 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	16 29 13 16 59 16 231 231 231 29 62 3 16 62 29 13 15 15 15 15 15 15 15 15 15 15 15 15 15	14 24 111 8 14 50 13 195 Expect No. o No. o No. o 12 12 12 14 14 17 17 17 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	2 5 2 1 2 9 36 ((-1)** Stand tion f Co. Yes 2 17 1 4 8 8 4 4 2 2	0.463 0.034 0.0063 0.0002 0.063 2.039 0.01 3.611 9 ard X^2 0.653 0.309 0.22 4E-06 0.002 0.533 0.416 0.073	0.18 0.35 0.00 0.34 11.0 0.05 19. 11.0 X*2.1 0.33 1.73 0.8 0.66 0.05 9E-0 0.00 1.41 0.10 0.10
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale	5 6 7 8 9 10 Tot	58% 79% 64% 71% 57% 75% 87% al  e Dial So 86% 80% 67% 83% 64% 100% 79% 86% 73%	42% 21% 36% 29% 43% 26% 13%  26% 13% 33% 17% 13% 36% 0% 15%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. of 7.7, 49.4 2.0 13.3 25.4 8.3 9.0 12.6 50.4	Compp Yes 12.6 6.0 6.0 15.0 60 2.0 60 2.0 12.6 1.0 2.7 3.9 12.6 1.0 2.7 3.4 4.7 0.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	16 29 13 16 59 15 231 231 80 9 62 29 13 9 16 59	Expe No. c No. 2 13 23 11 7 13 48 48 12 189	7 3 4 15 4 31 (r-1) Stan ction of Co Yes 2 12 1 3 6 2 2 3 11 3 44	0.542 0.10 0.009 0.627 0.001 0.319 2.319 dard X^2 0.025 0.012 0.075 0.015 0.153 0.484 0.403 0.011 0.159 0.109	1.553 0.287 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 2.715 0.052 0.321 0.046 0.651 2.059 1.793 0.047	4   5   6   7   8   9   10	100% 88% 91% 86% 79% 87% at simile S No 63% 100% 83% 71% 57% 71% 66% 67%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19% 0% 25% 27% 24% 43% 35%	No. of No. 5.6.6.5.5.6.4.9.1.8.9.5.4.8.9.5.4.8.9.5.4.8.9.5.4.8.9.5.9.5	0.0 3.6 1.2 1.3 3.4 19.3 2.0 36 Yes 3.4 11.5 0.0 2.7 7.3 3.5 2.6 6.9 20.4	16 29 13 9 16 59 15 231 nies No 9 62 3 16 29 13 16 59	14 24 111 8 8 14 50 13 195 Expec No. o 7 45 2 2 12 2 12 2 12 9 7,7 12 43 11 11 16 8	2 5 2 1 1 2 9 9 2 36 ((-1)**)* Stand tion f Co. Yes 2 17 14 8 8 4 4 2 2 4 6 6 6 6 6 7 1 7 1 8 7 1 8 8 8 8 8 8 8 8 8 8 8 8 8	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 and X^2 0.128 0.653 0.309 0.25 0.022 4E-06 0.002 0.533 0.416 0.002	0.18 0.35 0.00 0.34 11.0 0.05 19. 11.0 X*2.1 0.33 1.73 0.8 0.66 0.05 9E-0 0.00 1.41 0.10 0.10
7:Rest. + Hotel 8:Transport 9:Pinan. + Reaf Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 1:Costruction 5:Wholesale 5:Retail 7:Rest. + Hotel 3:Transport 0:Finan. + Real Est.	5 6 7 8 9 10 Tot 2 3 4 5 6 7 8 9 10	58% 79% 64% 71% 57% 75% 87% al  e Dial So 86% 80% 67% 83% 64% 100% 79% 86% 73%	42% 21% 36% 29% 43% 26% 13%  26% 13% 33% 17% 13% 36% 0% 15%	9.3 23.0 8.3 6.4 9.1 44.0 13.0 171 No. of No. 7.7 49.4 2.0 13.3 9.0 12.6 8.3 9.0 12.6 11.0	6.7 6.0 4.7 2.6 6.9 15.0 2.0 60 Ccomper Yes 3.9 12.6 1.0 2.7 3.6 4.7 0.0 3.4 4.7	16 29 13 39 16 59 15 231 231 80 62 3 16 62 9 62 13 19 13 9	22   10   7   12   44   11   200   No. c   No. c   No. c   No. c   13   13   14   13   14   18   18   18	7 3 4 15 4 31 (r-1) Stan ction of Co Yes 2 12 1 3 6 2 2 3 11 3 44 (r-1)	0.542 0.11 0.195 0.009 0.627 0.001 0.319 2.319 9 Jard X <sup>o</sup> X^2.N 0.025 0.012 0.075 0.015 0.484 0.403 0.011 0.153 0.109	1.553 0.287 0.559 0.026 1.797 0.003 0.915 6.648 11.07 X^2. Y 2.715 0.052 0.321 0.046 0.651 0.047 0.638 0.463 8.704	4 5 6 7 8 9 10 Tot 2 3 4 4 5 6 7 8 9 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	100% 88% 91% 86% 79% 87% at simile S No 63% 100% 83% 71% 57% 71% 66% 67%	0% 13% 9% 14% 21% 33% 13% ervices Yes 38% 19% 0% 25% 27% 24% 43% 35%	No. of 50.5 3.00 13.3 21.8 9.5 6.4 9.11 10.0 10.0 10.0 10.0 10.0 10.0 10.0	0.0 3.6 1.2 1.3 3.4 19.3 3.6 Yes 3.4 11.5 0.0 2.7 7.3 3.5 2.6 9.0 4 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	16 29 13 16 59 16 231 231 231 29 62 3 16 62 29 13 15 15 15 15 15 15 15 15 15 15 15 15 15	14 24 11 8 14 50 13 195 Expec No. o 7 45 2 12 21 12 9 9 7 12 43 11 168	2 55 22 1 9 2 36 (c-1)* Stand tion f Co. Yes 2 17 1 4 4 4 16 4 4 16 4 4 6 3 (r-1)*	0.463 0.034 0.066 0.002 0.063 2.039 0.01 3.611 9 and X^2 0.128 0.653 0.309 0.25 0.022 4E-06 0.002 0.533 0.416 0.002	0.18 0.35-0.00 0.34-11.0 0.05: 19. 11.0 X^2.* 0.83 0.66: 0.05: 0.0

## 8-21 Result of X^2 Analysis(2/5)

Business Category											<b></b>	<u> </u>							است	
Business Category			<u> </u>	<u> </u>							<u> </u>									
	Vir	tual Nei	work S			L	Expe			`	Cre	dit Call					Expec			· · · · · · · · · · · · · · · · · · ·
		No	Yes	No. of	Comp.		No. o			1640 8	ļ				Compa		No. o			
1:Agr. + Min. 2:Manufacturing	-	63%		56	3.4	No 9	7	2	X^2.N	0.683	1	No 50%	Yes	No	Yes	No	*	Yes		X^2.
3:Utilities	2	78%	22%	48.4	13.6	62	47	15		0.104	2		50% 31%	43.1	4.5	9	6	3	0.278	0.49
4:Costruction	3	67%		2.0	1.0	3	2		0.034	0.108	3		0%	3.0	18.9 0.0	62	40	22	0.285	0.50
5:Wholesale	4	75%	25%	12.0	4.0		12		0.002	0.007	1 4		50%	8.0					0.604	1.078
6:Retail	5	83%		24.2	4.8	29	22	7		0.645	5		46%	15.7	13.3	29		6 10	0.495	0.88
7:Rest. + Hotel	6	73%	27%	9.5	3.5	13	10			0.059			46%	7.1	5.9			5	0.186	0.73
8: Transport	7	72%	28%	6.5	2.6	9	7	2	0.02	0.072	7		29%	6.4	2.6			1	0.075	0.13
9: Finan. + Real Est.	8	93%	7%	14.9	1.1	16	12	4	0.602	1.905	8		49%	9.1	7.9				0.122	0.78
10.Private Ser. + Gov.	9	66%		38.6	20,4	59	45	14	0.855	2.707	9		33%	39.7	19.3				0.096	
	10		7%	14.0	1.0	15	11	4		1.871	10	80%	20%	12.0					0.594	
	Tot	al		176	55	231	176			8.16	To	tal		149	83	232	148	83	3.176	
	لبا			ļ			<u> </u>	(r-1)	1									(r-1)*	9	
							<u> </u>	Stan	dard X'	11.07								Stand	ard X^2	11.0
				ļ	ļ	<u> </u>		L			II	<u> </u>	L	<u> </u>	<u> </u>					
	Sin	nte Sale	<u> </u>	AT 6	<u> </u>		Expe				De	tail Char	ge List			L	Expe			
n		No	- <del></del>		Compa Yes		No. c			2540.37	<b>  </b> -	ļ	ļ		Comp		No. o			
Business Category	1	13%	Yes 88%	No 1.1	7.9	No 9			X^2.N		<del> </del>	No	Yes	No	Yes	No	No	Yes	X^2.N	X^2.
1:Agr. + Min. 2:Manufacturing	2	61%	39%	37.8	24.2	62	32		2.661 1.078	2.83	1		63%	3,4	5.6		6	3		3.17
3:Utilities	3	67%	33%	2.0	1.0	3	2		0.134	1.146 0.142	3		29% 0%	44.1	17.9		43	19		0.02
4:Costruction	4	75%	25%	12.0	4.0	16	8		1.71	1.818	1 4		33%	3.0 10.7	0.0 5.3			1 - 1	0.385	0.9
5:Wholesale	5	54%	46%	15.7	13.3	29	15		0.04	0.043	<del> </del>		29%	20.5	8.5	16 29		5	0.025	0.059
6:Retail	6	55%	46%	7.1	5.9	13	7			0.024			27%	9.5	3.5			4	0.003	0.000
7:Rest. + Hotel	7	57%	43%	5.1	3.9	9	5		0.054	0.058	1 7		43%	5.1	3.9			3	0.713	0.50
8:Transport	. 8	43%	57%	6.9	9.1	16	. 8			0.246	8		14%	13.7	2.3		11	5		1.31
9:Finan. + Real Est.	9	33%	67%	19.3	39.7	59	30	29	4.061	4.319	9		33%	39.7	19.3	59		18		0.14
10.Private Ser. + Gov.	10	80%	20%	12.0	3.0	15	8		2.358	2.508	10	80%	20%	12.0				4	0.214	0.49
	Tot	al .		119	112	231	119	112	12.35	13.13	To	tal		162				69	2.85	6.65
								(r-1)				1						(r-1)*	9	
<u> </u>	Ш							Stan	dard X	11.07								Stand	ard X^2	11.0
							ļ	_	ļ		Щ.									
	لہا		0	-:				l	ļ		II	<u> </u>	<u> </u>							
	Cor	sulting	Service	<b>N7</b> 6	اا		Expe				Vic	e Maile	Service		<u></u>	L	Ехрес			
Business Category	⊢⊦	No	Yes	No. bi	Compa Yes	No	No. c		X^2.N	VA2 V	H	N7.	77		Comp		No. o			
1:Agr. + Min.		50%	50%	4.5	4.5	9	6			0.459	1	No 63%	Yes 38%	No	Yes	No	No	Yes	X^2.N	
2:Manufacturing	2	74%	24%	45.6	14.7	62	39	23			2		36% 7%	5.6 57.8	3.4 4.2	62	7	2	0.409	1.83
3:Utilities	3	100%	0%	3.0	0.0	3	2	1	0.624	1.091	3		0%	3.0	0.0		51	11	0.988	4.43
4:Costruction	4	42%	58%	6.7	9.3	16	10		1.209	2.115			8%	14.7	1.3	16	13	3	0.122	0.54
5:Wholesale	3	71%	29%	20.5	8.5	29	18	11	0.235	0.41	5	92%	8%	26.6	2.4	29		- 3	0.192	1.56
6:Retail	6	55%	46%	7.1	5.9	13	8	- 5	0.17	0.298	6		9%	11.8	1.2	13		$-\frac{3}{2}$	0.132	0.59
7:Rest. + Hotel	7	43%	57%	3.9	5.1	9	6	3	0.608	1.063	7		43%	5.1	3.9	9	7	2	0.67	3.00
8:Transport	8	64%	36%	10.3	5.7	16	10		0.001	0.002	8		29%	11.4	4.6	16		3	0.211	0.94
9:Finan. + Real Est.	9	58%	42%	34.3	24.7	59	38	21	0.273	0.478	9		29%	41.8	17.2	59		- 11	0.854	3.83
10.Private Ser. + Gov.	10	67%	33%	10.0	5.0	15	10	. 5	0.022	0.039	10	73%	27%	11.0	4.0	15	12	3	0.132	0.59
	Tou	al ]		146	83	229.3	147	84	4.374	8.693	Tot	al		189	42	231	189	42	4.06	18.2
							]	(r·1)	9									(r-1)*	9	
	اجا						Ш	Stan	lard X'	11.07									ard X^2	11.0
		[					$oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$	ليا												
							Brna	clion		- 1	Hio	h Speed	Leased	Circuit	Servic	e	Expec	tion		
	One	Stop SI																		
				No. of	Compa	nies	No. o	f Co.						No. of			No. o	Co.		
Business Category		No	Yes	No. of No	Yes	nies No	No. o No	f Co. Yes	X^2.N	X^2.Y		No	Yes	No	Yes	No	No. o No	Co. Yes	X^2.N	
Business Category 1:Agr. + Min.	1	No 75%	Yes 25%	No. of No 6.8	Yes 2.3	nies No 9	No. o No	f Co. Yes 2	X^2.N 0.061	X^2.Y 0.288	1	No 75%	Yes 25%	No 6.8	Yes 2.3	No 9	No. o No 8	Yes 1	0.109	0.62
Business Category 1:Agr. + Min. 2:Manufacturing	1 2	No 75% 78%	Yes 25% 22%	No. of No 6.8 48.4	Yes 2.3 13.6	nies No 9 62	No. 0 No. 7 51	f Co. Yes 2	X^2.N 0.061 0.152	X^2.Y 0.288 0.714	1 2	No 75% 90%	Yes 25% 10%	No 6.8 55.7	Yes 2.3 6.3	No 9 62	No. o No 8 53	Yes 1 9	0.109	0.62
Business Category 1: Agr. + Min. 2: Manufacturing 3: Utilities	1 2 3	No 75% 78% 100%	Yes 25% 22% 0%	No. of No 6.8 48.4 3.0	Yes 2.3 13.6 0.0	nies No 9 62 3	No. 0 No 7 51 2	f Co. Yes 2 11	X^2.N 0.061 0.152 0.111	X^2.Y 0.288 0.714 0.525	1 2 3	No 75% 90% 33%	Yes 25% 10% 67%	No 6.8 55.7 1.0	Yes 2.3 6.3 2.0	No 9 62 3	No. o No 8 53 3	Yes 1 9 0	0.109 0.157 0.947	0.62 0.90 5.43
Business Category  1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction	1 2 3 4	No 75% 78% 100% 75%	Yes 25% 22% 0% 25%	No. of No 6.8 48.4 3.0 12.0	Yes 2.3 13.6 0.0 4.0	No 9 62 3	No. 0 No 7 51 2 13	F Co. Yes 2 11 1	X^2.N 0.061 0.152 0.111 0.109	X^2.Y 0.288 0.714 0.525 0.513	1 2 3 4	No 75% 90% 33% 100%	Yes 25% 10% 67% 0%	No 6.8 55.7 1,0 16.0	Yes 2.3 6.3 2.0 0.0	No 9 62 3 16	No. o No 8 53 3	Yes 1 9 0 2	0.109 0.157 0.947 0.414	0.62 0.90 5.43 2.37
Business Category  1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale	1 2 3 4 5	No 75% 78% 100% 75% 83%	Yes 25% 22% 0% 25% 17%	No. of No 6.8 48.4 3.0 12.0 24.2	Yes 2.3 13.6 0.0 4.0 4.8	nies No 9 62 3 16 29	No. o No 7 51 2 13	F Co. Yes 2 11 1 3	X^2.N 0.061 0.152 0.111 0.109 0.002	X^2.Y 0.288 0.714 0.525 0.513 0.011	1 2 3 4 5	No 75% 90% 33% 100% 79%	Yes 25% 10% 67% 0% 21%	No 6.8 55.7 1.0 16.0 23.0	Yes 2.3 6.3 2.0 0.0 6.0	No 9 62 3 16 29	No. o No 8 53 3 14 25	Yes 1 9 0 2 4	0.109 0.157 0.947 0.414 0.121	0.62 0.90 5.43 2.37 0.69
Business Category 1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale 6: Retail	1 2 3 4 5	No 75% 78% 100% 75% 83% 73%	Yes 25% 22% 0% 25% 17% 27%	No. of No 6.8 48.4 3.0 12.0 24.2 9.5	Yes 2.3 13.6 0.0 4.0 4.8 3.5	nies No 9 62 3 16 29	No. 0 No 7 51 2 13 24	F Co. Yes 2 11 1 3 5	X^2.N 0.061 0.152 0.111 0.109 0.002 0.151	X^2.Y 0.288 0.714 0.525 0.513 0.011 0.712	1 2 3 4 5	No 75% 90% 33% 100% 79% 91%	Yes 25% 10% 67% 0% 21% 9%	No 6.8 55.7 1,0 16.0 23.0 11.8	Yes 2.3 6.3 2.0 0.0 6.0 1.2	No 9 62 3 16 29	No. o No 8 53 3 14 25	Yes 9 0 2 4 2	0.109 0.157 0.947 0.414 0.121 0.05	0.62 0.90 5.43 2.37 0.69 0.28
Business Category  1: Agr. + Min.  2: Manufacturing  3: Utilities  4: Costruction  5: Wholesale  6: Retail  7: Rest. + Hotel	1 2 3 4 5 6	No 75% 78% 100% 75% 83% 73% 71%	Yes 25% 22% 0% 25% 17% 27% 29%	No. of No 6.8 48.4 3.0 12.0 24.2 9.5 6.4	Yes 2.3 13.6 0.0 4.0 4.8 3.5 2.6	nies No 9 62 3 16 29 13	No. o No 7 51 2 13 24 11	F Co. Yes 2 11 3 5 2	X^2.N 0.061 0.152 0.111 0.109 0.002 0.151 0.134	X^2.Y 0.288 0.714 0.525 0.513 0.011 0.712 0.632	1 2 3 4 5 6	No 75% 90% 33% 100% 79% 91% 71%	Yes 25% 10% 67% 0% 21% 9%	No 6.8 55.7 1,0 16.0 23.0 11.8 6.4	Yes 2.3 6.3 2.0 0.0 6.0 1.2 2.6	No 9 62 3 16 29	No. o No 8 53 3 14 25 11 8	Yes 1 9 0 2 4 2 1	0.109 0.157 0.947 0.414 0.121 0.05	0.62 0.90 5.43 2.37 0.69 0.28 1.14
Business Category  1: Agr. + Min.  2: Manufacturing  3: Utilities  4: Costruction  5: Wholesale  6: Retail  7: Rest. + Hotel  8: Transport	1 2 3 4 5 6 7 8	No 75% 78% 100% 75% 83% 73% 71% 89%	Yes 25% 22% 0% 25% 17% 27% 29% 11%	No. of No 6.8 48.4 3.0 12.0 24.2 9.5 6.4 14.3	Yes 2.3 13.6 0.0 4.0 4.8 3.5 2.6 1.7	nies No 9 62 3 16 29 13 9	No. o No 7 51 2 13 24 11 7	F Co. Yes 2 11 3 5 2 2 3	X^2.N 0.061 0.152 0.111 0.109 0.002 0.151 0.134 0.085	X^2.Y 0.288 0.714 0.525 0.513 0.011 0.712 0.632 0.399	1 2 3 4 5 6 7 8	No 75% 90% 33% 100% 79% 91% 71% 93%	Yes 25% 10% 67% 0% 21% 9% 29%	No 6.8 55.7 1.0 16.0 23.0 11.8 6.4 14.9	Yes 2.3 6.3 2.0 0.0 6.0 1.2 2.6 1.1	No 9 62 3 16 29 13 9 16	No. o No 8 53 3 14 25 11 8	Yes 1 9 0 2 4 2 1	0.109 0.157 0.947 0.414 0.121 0.05	0.62 0.90 5.43 2.37 0.69 0.28 1.14 0.64
Business Category  1: Agr. + Min.  1: Agr. + Min.  3: Unlittles  4: Costruction  5: Wholesale  6: Retail  7: Rest. + Hotel  8: Transport  9: Finan. + Real Est.	1 2 3 4 5 6 7 8	No 75% 78% 100% 75% 83% 73% 71% 89% 87%	Yes 25% 22% 0% 25% 17% 27% 29% 11% 13%	No. of No 6.8 48.4 3.0 12.0 24.2 9.5 6.4 14.3 51.2	Yes 2.3 13.6 0.0 4.0 4.8 3.5 2.6 1.7 7.8	No 9 62 3 16 29 13 9 16 59	No. o No. 7 51 2 13 24 11 7 13 49	F Co Yes 2 11 3 5 2 2 2 3	X^2.N 0.061 0.152 0.111 0.109 0.002 0.151 0.134 0.085 0.127	X^2.Y 0.288 0.714 0.525 0.513 0.011 0.712 0.632 0.399 0.597	1 2 3 4 5 6 7 8	No 75% 90% 33% 100% 79% 91% 71% 93% 80%	Yes 25% 10% 67% 0% 21% 9% 29% 7% 20%	No 6.8 55.7 1.0 16.0 23.0 11.8 6.4 14.9 47.2	Yes 2.3 6.3 2.0 0.0 6.0 1.2 2.6 1.1 11.8	No 9 62 3 16 29 13 9 16 59	No. o No 8 53 3 14 25 11 8 14 50	Yes 1 9 0 2 4 2 1 2 9 9	0.109 0.157 0.947 0.414 0.121 0.05 0.2 0.113 0.184	0.62 0.90 5.43 2.37 0.69 0.28 1.14 0.64 1.05
Business Category  1: Agr. + Min.  2: Manufacturing  3: Utilities  4: Costruction  5: Wholesale  6: Retail  7: Rest. + Hotel  8: Transport  9: Finan. + Real Est.  10. Private Ser. + Gov.	1 2 3 4 5 6 7 8 9	No 75% 78% 100% 75% 83% 73% 71% 89% 87% 100%	Yes 25% 22% 0% 25% 17% 27% 29% 11%	No. of No 6.8 48.4 3.0 12.0 24.2 9.5 6.4 14.3 51.2 15.0	Yes 2.3 13.6 0.0 4.0 4.8 3.5 2.6 1.7 7.8 0.0	nies No 9 62 3 16 29 13 9 16 59	No. o No. 7 51 2 13 24 11 7 13 49 12	F Co Yes 2 11 3 5 2 2 2 3 10 3	X^2.N 0.061 0.152 0.111 0.109 0.002 0.151 0.134 0.085 0.127 0.557	X^2.Y 0.288 0.714 0.525 0.513 0.011 0.712 0.632 0.399 0.597 2.626	1 2 3 4 5 6 7 8 9	No 75% 90% 33% 100% 79% 91% 71% 93% 80% 93%	Yes 25% 10% 67% 0% 21% 9% 29%	No 6.8 55.7 1.0 16.0 23.0 11.8 6.4 14.9 47.2 14.0	Yes 2.3 6.3 2.0 0.0 6.0 1.2 2.6 1.1 11.8 1.0	No 9 62 3 16 29 13 9 16 59 15	No. o No 8 53 3 14 25 11 8 14 50	Yes 1 9 0 2 4 2 1 2 9 2 2	0.109 0.157 0.947 0.414 0.121 0.05 0.2 0.113 0.184 0.117	0.62 0.90 5.43 2.37 0.69 0.28 1.14 0.64 1.05 0.67
Business Category  1: Agr. + Min.  2: Manufacturing  3: Utilities  4: Costruction  5: Wholesale  6: Retail  7: Rest. + Hotel  8: Transport  9: Finan. + Real Est.  10. Private Ser. + Gov.	1 2 3 4 5 6 7 8	No 75% 78% 100% 75% 83% 73% 71% 89% 87% 100%	Yes 25% 22% 0% 25% 17% 27% 29% 11% 13%	No. of No 6.8 48.4 3.0 12.0 24.2 9.5 6.4 14.3 51.2	Yes 2.3 13.6 0.0 4.0 4.8 3.5 2.6 1.7 7.8	nies No 9 62 3 16 29 13 9 16 59	No. o No. 7 51 2 13 24 11 7 13 49 12 191	F Co Yes 2 11 3 5 2 2 2 3	X^2.N 0.061 0.152 0.111 0.109 0.002 0.151 0.134 0.085 0.127 0.557	X^2.Y 0.288 0.714 0.525 0.513 0.011 0.712 0.632 0.399 0.597	1 2 3 4 5 6 7 8 9	No 75% 90% 33% 100% 79% 91% 71% 93% 80% 93%	Yes 25% 10% 67% 0% 21% 9% 29% 7% 20%	No 6.8 55.7 1.0 16.0 23.0 11.8 6.4 14.9 47.2	Yes 2.3 6.3 2.0 0.0 6.0 1.2 2.6 1.1 11.8	No 9 62 3 16 29 13 9 16 59	No. o No 8 53 3 14 25 11 8 14 50 13	Yes 1 9 0 2 4 2 1 2 9 2 2	0.109 0.157 0.947 0.414 0.121 0.05 0.2 0.113 0.184 0.117 2.412	0.62/ 0.90 5.43 2.37/ 0.69 0.289 1.140 0.647 1.053

## 8-21 Result of X^2 Analysis(3/5)

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	Tel	lephone	Confer	ence			Expe	ction			Tel	evision (	Coferen	ce			Expec	tion		
	101	California	Come	No. of	Comp	anies		of Co				Ĭ		No. of	Compa		No. o			
Business Category	1-	No	Yes	No	Yes	No			X^2.N	X^2.Y		No	Yes	No	Yes					X^2.
1:Agr. + Min.	1-7	75%	25%	6.8	2.3	9	7	2	0.019	0.071	1	63%	38%	5.6	3.4	9			0.542	
2:Manufacturing	2		10%	55.7	6.3	62	49	13	0.906	3.419	2	88%	12%	54.6	7.4	62		9	0.063	
3:Utilities	3	67%	33%	2.0	1.0		2	1	0.058	0.219	3	100%	0%	3.0	0.0	3	3	0		0.44
4:Costruction	4		25%	12.0	4.0		13	3	0.033	0.125	4	83%	17%	13.3	2.7	16	14	2	0.006	0.03
5: Wholesale	5		25%	21.8	7.3		23		0.06		5	83%	17%	24.2	4.8	29	2.5	4	0.012	0.00
6:Retail	6		27%	9.5	3.5		10		0.066	0.25	6	73%	27%	9.5	3.5	13		2	0.237	1.35
7;Rest. + Hotel	7	71%	29%	6.4	2.6		7		0.067	0.252	7	71%	29%	6.4	2.6	9		1	0.2	1.14
8:Transport	8		29%	11.4	4.6		13	3	0.119	0.447	8	86%	14%	13.7	2.3	16		2	6E-04	0.00
9:Pinan. + Real Est.	9		22%	46.1	12.9		47		0.005	0.02	9			47.2	11.8	59				1.0
10.Private Ser. + Gov.	ΙÓ		27%	11.0	4.0		12	3	0.063	0.237	10	80%	20%	12.0	3.0	15		2		0.20
IU.FRVAIC SCI. + GOT.	Tol			183	48		183	48	1.396	5.267	To	tai		190	41	231	197	34		7.84
	1						<del> </del>	(r-1)	9		1				11		L	(r-1)*		
								Stan	dard XA	11.07							1	Stand	ard X^2	11.0
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·	In C	omation	Providi	na Sen	ice	<del>  </del>	Expo	ection			Bu	siness A	gency				Expe	ction		
<del>_</del>	13161	Jimarion.		No. of		anies	No.				1	1		No. of	Comp	inies	No. o	f Co.		<u> </u>
Business Category	1-	No	Yes	No	Yes	No	No		X^2.N	X^2.Y	1	No	Yes	No	Yes	No	No	Yes:	X^2.N	
	1	50%	50%	4.5	4.5						1			0.0	9.0	9		1		
1:Agr. + Min.	2		27%	45.2	16.8		44			0.139	2	90%		55.7	6.3	62		23		11.
2:Manufacturing 3:Utilities	3	33%	67%	1.0	2.0		2			1.385	3			3.0	0.0			1		
4:Costruction	3		50%	8.0	8.0		11			2.226	4		0%	16.0	0.0	16	10			5.
5:Wholesale	5		13%	25.4	3.6		20			2.883	5		6%	27.3	1.7	29		11		7.4
5: Wholesale 6: Retail	6		36%	8.7	4.7		9			0.198	6				1.2	13		5	1.52	2.6
	7	29%	71%	2.6	6.4		6		2.228	5.279	7	100%	0%	9.0	0.0	9	6	- 3		3.2
7:Rest. + Hotel	8	1	14%	13.7	2.3	16				1.275	8		0%	16.0	0.0	16	10	6		
8:Transport	9		33%	39.7	19.3	59	41			0.182	1 9		11%	52.0	6.5	59	38	21	5.554	10.
9:Finan. + Real Est.	10		7%	14.0	1.0		11	1 × 4			10	<b>3</b>		14.0	1.0	15	10	5	2.076	3,6
10.Private Ser. + Gov.	Tot		1 /6	163	69					17.49			1	205	26	230.5	149	82	37.2	115
	100	<u> </u>		103	- 02	2.71	1,00	(1-1)	0			Ť			1	1	1	(r-1) <sup>1</sup>	9	
						l	H		dard X	11.07	-	1		<u> </u>	1	1	1	Stand	lard X^2	11.
	1	<del></del>	<u> </u>					1	1	11.07	1	1	1		·			1	1	
		<b></b>					$\vdash$	<del> </del>			1	<b>†</b>	<del>                                     </del>							
	TOT	ON D-1				<del> </del> -	EVE	ection	<del> </del>		isi	DN D-2	1				Expe	ction		
	101	1 1 1	I	No. of	Comp	anies		of Co				1	,	No. of	Comp	anies	No. c	f Co.		I
		No	Yes	No	Yes	No	No.	IYes	X^2.N	X^2.Y		No	Yes	No	Yes	No	No	Yes	X^2.N	X^2
Business Category	1			0.0	9.0					3.352	1	25%	75%	2.3	6.8	9	5			
				25.9	36.0						+			3.0	1			0.0	0.051	0.0
		1 420	194.						1 12 137	0.115	lł Z		44%	35.0	27.0	62	34	28	V. V. X	
1:Agr. + Min.	2	42%	58%								3							1	1,629	
2:Manufacturing	2 3	0%	100%	0.0	3.0	3	1	2	1.356	1.117	3	0%	100%	0.0	3.0	3	2	1	1,629	
2:Manufacturing 3:Utilities	2 3 4	0% 46%	100% 54%	0.0 7.4	3.0 8.6	3 16	1 7	2	1.356 0.004	1.117 0.003		0% 42%	100%	0.0 6.7	3.0 9.3	3 16	9	1 7 13	1.629 0.467 0.31	0.5
2:Manufacturing 3:Utilities 4:Costruction	2 3 4 5	0% 46% 52%	100% 54% 48%	0.0 7.4 15.2	3.0 8.6 13.8	3 16 29	7 13	2 9 16	1.356 0.004 0.334	1.117 0.003 0.275	4	0% 42% 62%	100% 58% 38%	0.0 6.7 18.0	3.0 9.3 11.0	16 29	9 16	1 7 13	1.629 0.467 0.31	0.5
2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale	2 3 4 5 6	0% 46% 52% 50%	100% 54% 48% 50%	0.0 7.4 15.2 6.5	3.0 8.6 13.8 6.5	3 16 29 13	1 7 13	1 16	1.356 0.004 0.334 0.067	1.117 0.003 0.275 0.055	3 4 5	0% 42% 62% 50%	100% 58% 38% 50%	0.0 6.7 18.0 6.5	3.0 9.3 11.0 6.5	16 29 13	9 16	1 7 13 6	1,629 0.467 0.31 0.044	0.5
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail	2 3 4 5 6 7	0% 46% 52% 50%	100% 54% 48% 50% 50%	0.0 7.4 15.2 6.5 4.5	3.0 8.6 13.8 6.5 4.5	3 16 29 13	13 13 6	1 9 16	1.356 0.004 0.334 0.067 0.046	1.117 0.003 0.275 0.055 0.038	3 4 5 6	0% 42% 62% 50% 100%	100% 58% 38% 50%	0.0 6.7 18.0 6.5 9.0	3.0 9.3 11.0 6.5 0.0	3 16 29 13 9	9 16	13 13 6	1.629 0.467 0.31 0.044 3.464	0.5 0.3 0.0 4.1
2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale 6: Retail 7: Rest. + Hotel	2 3 4 5 6 7 8	0% 46% 52% 50% 50% 41%	100% 54% 48% 50% 50% 42%	0.0 7.4 15.2 6.5 4.5 6.6	3.0 8.6 13.8 6.5 4.5 6.7	3 16 29 13 9	13 13 6 4	16	1.356 0.004 0.334 0.067 0.046 0.062	1.117 0.003 0.275 0.055 0.038 0.494	3 4 9 6 7 8	0% 42% 6 62% 5 50% 7 100% 3 42%	100% 58% 38% 50% 0% 58%	0.0 6.7 18.0 6.5 9.0 6.7	3.0 9.3 11.0 6.5 0.0 9.3	3 16 29 13 9	29 16 17 1 5	1 7 13 6 13 4	1.629 0.467 0.31 0.044 3.464 0.467	0.5 0.3 0.0 4.1 7 0.5
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport	2 3 4 5 6 7 8 9	0% 46% 52% 50% 50% 41%	100% 54% 48% 50% 50% 42% 45%	0.0 7.4 15.2 6.5 4.5 6.6 31.9	3.0 8.6 13.8 6.5 4.5 6.7 26.8	3 16 29 13 9 16 59	13 13 6 4	2 9 1 16 1 7 1 2 1 3 2	1.356 0.004 0.334 0.067 0.046 0.062 1.014	1.117 0.003 0.275 0.055 0.038 0.494 0.954	3 4 5 6 7 8	0% 42% 62% 50% 7 100% 3 42% 58%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3	3.0 9.3 11.0 6.5 0.0 9.3 24.7	3 16 29 13 9 16 59	29 16 17 1 5 1 3 2 3 3	13 13 6 4 7 2	1.629 7 0.467 8 0.31 5 0.044 4 3.464 7 0.467 7 0.158	0.5 0.3 0.0 4.1 7 0.5 8 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est	2 3 4 5 6 7 8 9	0% 46% 52% 50% 50% 41% 54%	100% 54% 48% 50% 50% 42%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0	3 16 29 13 9 16 59	13 13 6 4 7 27	2 9 16 16 1 1 2 1 3 2 1 3 2 1 8	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469	1.117 0.003 0.275 0.055 0.038 0.494 0.954 0.387	3 4 6 7 8 9	0% 42% 6 62% 6 50% 7 100% 3 42% 9 58% 0 47%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9	3 16 29 13 9 16 59	2 9 16 7 9 5 9 3 9	13 13 6 6 7 7 2 2 2 3	1.629 7 0.467 8 0.31 5 0.044 4 3.464 7 0.467 7 0.158 7 0.131	0.5 0.3 0.0 4.1 7 0.5 3 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport	2 3 4 5 6 7 8 9	0% 46% 52% 50% 50% 41% 54%	100% 54% 48% 50% 50% 42% 45%	0.0 7.4 15.2 6.5 4.5 6.6 31.9	3.0 8.6 13.8 6.5 4.5 6.7 26.8	3 16 29 13 9 16 59	13 13 6 4 7 27	2 9 16 16 7 9 1 37 2 1 27 1 27 1 27	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576	1.117 0.003 0.275 0.055 0.038 0.494 0.954	3 4 6 7 8 9	0% 42% 6 62% 6 50% 7 100% 3 42% 9 58% 0 47%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9	3 16 29 13 9 16 59	2 9 16 7 9 5 9 3 9 3 8	13 13 6 4 17 2 2 2 3 10 10	1.629 7 0.467 8 0.31 5 0.044 4 3.464 7 0.467 7 0.131 5 8.143	0.5 0.3 0.0 4.1 7 0.5 3 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est	2 3 4 5 6 7 8 9	0% 46% 52% 50% 50% 41% 54%	100% 54% 48% 50% 50% 42% 45%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0	3 16 29 13 9 16 59	13 13 6 4 7 27	2 3 16 16 3 7 3 7 8 12 (r-1	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576	1.117 0.003 0.275 0.055 0.038 0.494 0.954 0.387 6.791	3 4 6 7 8 9	0% 42% 6 62% 6 50% 7 100% 3 42% 9 58% 0 47%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9	3 16 29 13 9 16 59	2 9 16 7 9 5 9 3 9	13 13 6 4 7 2 27 10 (r-1)	1.629 7 0.467 8 0.31 5 0.044 1 3.464 7 0.467 7 0.131 5 8.143	0.5 0.3 0.0 0.5 0.5 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est	2 3 4 5 6 7 8 9	0% 46% 52% 50% 50% 41% 54%	100% 54% 48% 50% 50% 42% 45%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0	3 16 29 13 9 16 59	13 13 6 4 7 27	2 3 16 16 3 7 3 7 8 12 (r-1	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576	1.117 0.003 0.275 0.055 0.038 0.494 0.954 0.387 6.791	3 4 6 7 8 9	0% 42% 6 62% 6 50% 7 100% 3 42% 9 58% 0 47%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9	3 16 29 13 9 16 59	2 9 16 7 9 5 9 3 9	13 13 6 4 7 2 27 10 (r-1)	1.629 7 0.467 8 0.31 5 0.044 4 3.464 7 0.467 7 0.131 5 8.143	0.5 0.3 0.0 4.1 7 0.5 8 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan + Real Est 10.Private Ser. + Gov.	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 50% 41% 54% 33%	100% 54% 48% 50% 50% 42% 45%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0	3 16 29 13 9 16 59	13 - 7 - 13 - 6 - 4 - 7 - 7 - 7 - 104	2 9 1 6 1 6 7 37 7 8 1 127 (r-1 Star	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0 9	1.117 0.003 0.275 0.055 0.038 0.494 0.954 0.387 6.791	3 4 5 6 7 8 9 10 To	0% 42% 662% 550% 7100% 842% 58% 58% 047%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9	3 16 29 13 9 16 59	2 9 16 7 7 5 5 5 5 5 5 5 8 12 5 12 5 12 5 12 5 12	13 6 4 0 7 27 3 7 5 100 (r-1) Stand	1.629 7 0.467 8 0.31 5 0.044 1 3.464 7 0.467 7 0.131 5 8.143	0.5 0.3 0.0 4.1 7 0.5 8 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan + Real Est 10.Private Ser. + Gov.	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 50% 41% 54%	100% 54% 48% 50% 50% 42% 45%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 125	3 16 29 13 9 16 59 15 227.8	13 13 6 4 7 27 7 104	2 9 16 7 16 7 7 7 8 7 8 8 12 7 12 13 12 13 12 13 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 X 9	1.117 0.003 0.275 0.055 0.038 0.494 0.954 0.387 6.791	3 4 5 6 7 8 9 10 To	0% 42% 6 62% 6 50% 7 100% 3 42% 9 58% 0 47%	100% 58% 38% 50% 0% 58% 42%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106	3 16 29 13 9 16 59 15 231	29 9 16 7 5 5 32 8 123	13 6 4 7 2 7 3 1 6 10 (r-1) Stand	1.629 0.467 3 0.31 5 0.044 3.464 7 0.467 7 0.158 9 0.131 5 8.143 * 9	0.5 0.3 0.0 0.5 0.5 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan + Real Est 10.Private Ser. + Gov.	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 50% 41% 54% 33% tal	100% 54% 48% 50% 50% 42% 67%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 125	3 16 29 13 9 16 59 15 227.8	13 6 27 27 104 Exp. No.	2 9 9 16 7 16 7 17 18 12 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576	1.117 0.003 0.275 0.055 0.038 6.494 0.954 0.387 6.791	3 4 5 6 7 8 9 10 To	0% 42% 62% 50% 100% 3 42% 0 58% 0 47% 0 al	100% 58% 38% 50% 0% 58% 42% 53%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106	3 16 29 13 9 16 59 15 231	29 9 16 7 5 5 32 12 Expe	13 6 2 27 6 106 (r-1) Stand	1.629 0.467 0.31 0.044 3.464 0.158 0.131 5 8.143 9 dard X^	0.5 0.3 0.0 1 4.1 7 0.5 3 0.1 1 0.1 2 11
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est 10.Private Ser. + Gov.	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 50% 41% 54% 33% tal	100% 54% 48% 50% 42% 67% Yes	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 125 Comp	3 16 29 13 9 16 59 15 227.8	13 6 7 27 27 104 Exp No.	2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 ydard X'	1.117 0.003 0.275 0.055 0.038 6.494 0.954 0.387 6.791	3 4 5 6 7 8 9 10 To	0% 42% 62% 62% 61 50% 7 100% 8 42% 9 58% 9 47% 04al DN D-4	100% 58% 38% 50% 0% 58% 42% 53%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106	3 16 29 13 9 16 59 15 231	2 9 16 7 5 32 8 125 Expe	13 13 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1.629 7 0.467 8 0.31 5 0.044 8 3.464 7 0.467 9 0.138 8 143 5 5 dard X^	0.5 0.3 0.0 0.4 1 4.1 7 0.5 8 0.1 0.1 2 11
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est. 10.Private Ser. + Gov.	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 41% 41% 33% tal  No 0%	100% 54% 48% 50% 42% 45% 67% Yes 100%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. of	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 125 Comp	3 16 29 13 9 16 59 15 227.8	13 6 4 7 27 104 104 Exp. No.	2 9 16 16 17 18 12 17 18 12 11	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 X 9 dard X'	1.117 0.003 0.275 0.055 0.038 6.494 0.954 0.387 6.791 11.07	3 4 5 6 7 8 9 10 To	0% 42% 62% 50% 7 100% 8 42% 0 58% 0 58% 0 100% 0 10	100% 58% 38% 50% 0% 58% 42% 53% Yes 60%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125 No. 0 No. 0	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106 Comp	3 16 29 13 9 16 59 15 231	2 9 16 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 13 6 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1.629 0.467 0.31 0.044 3.464 7.0.467 0.158 7.0.131 5.8.143 4.5 6.6 6.7 6.7 7.0 7.0 8.143 6.7 7.0 8.143 7.0 8.143 8	0.5 0.0 0.0 0.1 4.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min.	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 41% 41% 33% tal  No 0% 50%	100% 54% 48% 50% 42% 45% 67% Yes 100% 50%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. of No. of 31.0	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 125 Comp Yes 9.0 31.0	3 16 29 13 9 16 59 15 227.8 anics No 9	1137 6 4 7 7 27 104 104 104 104 104 104 104 104 104 104	2	1.356 0.004 0.334 0.067 0.062 1.014 0.469 7.576 X 9 dard X'	1.117 0.003 0.275 0.055 0.038 6.494 0.954 0.387 6.791 11.07	33 44 55 66 77 8 9 10 To	0% 42% 662% 550% 7100% 847% 058% 047% 0140	100% 58% 38% 50% 0% 58% 42% 53% Yes 60% 60%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125 No. 66 No. 66 33.2	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106	3 16 29 13 9 16 59 15 231 anies No	2 9 16 7 16 15 16 16 16 16 16 16 16 16 16 16 16 16 16	13 6 4 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.629 7 0.467 8 0.31 9 0.044 1 3.464 7 0.158 7 0.131 5 8.143 4 5 4 5 4 6 8 7 8 7 9 7 9 8 9	0.5 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est. 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 50% 41% 33% tal No 0% 50% 0%	100% 54% 48% 50% 42% 45% 67% Yes 100% 50%	0.0 7.4 15.2 6.5 4.5 6.5 31.9 5.0 103 No. of No. of No. of No. of O.0	3.0 8.6 13.8 6.5 6.7 26.8 10.0 125 Comp Yes 9.0 31.0	3 16 29 13 9 16 59 15 227.8 227.8	11 77 133 66 44 77 27 70 104 Exp No.	2 9 9 16 7 7 8 127 (r-1   Star   Star	1.356 0.004 0.334 0.067 0.066 0.062 1.014 0.469 7.576 X 9 dard X'	1.117 0.003 0.275 0.055 0.038 0.494 0.954 0.387 6.791 111.07 X^2.Y 3.975 0.055	34 4 5 6 7 7 8 9 10 10 11 13	0% 42% 662% 650% 7100% 342% 342% 058% 0147% 0141 0N D-4 No 40% 254% 350% 350%	100% 58% 38% 50% 0% 0% 53% 42% 53% Yes 60% 60%	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125 No. of No. of No. of 33.2 1.5	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106 Comp Yes 5.5 14.4	3 16 29 13 9 16 59 59 231 231	2 9 16 7 15 5 5 5 5 5 5 5 5 5 6 8 12 2 2 2 2 2 3 5 6 8 12 2 2 2 3 5 6 8 12 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 3 5 6 8 12 2 2 2 2 2 3 5 6 8 12 2 2 2 2 2 2 3 5 6 8 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	13 6 4 7 7 7 13 10 10 10 10 10 10 10 10 10 10 10 10 10	1.629 0.467 0.044 3.464 7 0.158 7 0.158 7 0.158 6 8.143 6 4 5 6 4 7 7 2.865 7 2.865 2 0.075	0.5 0.0 0.0 4.1 0.5 8 0.1 0.1 9 0.1 1 0.5 1 0.1 2 11
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est 10:Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 41% 54% 54% 54% 0N D-3 No 0% 50% 46%	100% 54% 48% 50% 42% 45% 67% Yes 100% 50% 100%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. of No. of No. of 7.4	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 125 Comp Yes 9.0 31.0 8.6	3 16 29 13 9 16 59 15 227.8 227.8 No 9 9 9 16 227.8	11 77 133 66 44 77 27 70 104 Exp No. No.	2 9 9 16 7 7 8 127 (r-1   Star   Yes   1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0.469 7.576 0.4315 0.054 1.4315 0.054	1.117 0.003 0.275 0.055 0.038 0.494 0.387 6.791 111.07 23.27 3.275 0.055 0.009	34   44   55   66   77   10   To	0% 42% 62% 62% 7100% 3 42% 3 42% 0 58% 0 47% 0 47% 0 47% 0 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	100% 58% 38% 50% 50% 58% 53% 42% 53% Yes 50% 60% 60% 60% 60% 60% 60% 60% 60% 60% 6	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125 No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of No. of	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106 Yes 5.5 14.4 0.0 0.5 0.0	3 16 29 13 9 16 16 231 231 231 8 No 16 62	2 9 16 7 7 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6	13 6 6 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1.629 7 0.467 8 0.31 9 0.467 9 0.467 9 0.158 7 0.131 5 8.143 • 5 6 dard X^ X^2.N 5 72.867 2 0.07 2 0.07 0 0.04	0.5 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction	2 3 4 5 6 7 8 9 10 Tot	0% 46% 52% 50% 41% 54% 54% 133% 131 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100% 54% 48% 50% 42% 45% 67% Yes 100% 50% 100% 50%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 31.0 0.0 7.4	3.0 8.6 13.8 6.5 4.5 26.8 10.0 125 Comp Yes 31.0 3.0 8.6	3 16 29 13 16 59 16 227.8 227.8 No 9 62 9 162 29	11 77 13 6 4 7 27 7 104 Exp No. No.	2   9   16   6   7   7   8   12   7   12   12   12   12   12   12	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0.34 4.315 0.054 1.438 0.010	1.117 0.003 0.275 0.038 0.494 0.954 0.387 6.791 11.07 X^2.Y 3.975 0.05 1.325 0.009 0.023	34 4 5 6 7 8 9 10 To	0% 42% 62% 60% 100% 44% 100% 44% 100% 44% 100% 140% 100% 10	100% 58% 38% 50% 58% 50% 58% 58% 58% 58% 58% 58% 58% 58% 58% 58	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125 No. of No. of No. of 3.6 5 3.6 6 16.6	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106 Yes 5.4 14.4 14.6 0.0 0.0 0.0 0.0 0.0 10.0 10.0 10.0 10	3 16 29 13 16 59 16 59 15 231 No 9 9 16 62 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2   9   16   7   15   15   15   15   15   15   15	13 13 13 13 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1.629 7 0.467 8 0.31 1 3.464 7 0.158 7 0.131 5 8.143 7 5 6 dard X^ X^2.h 5 52.32 7 2.867 2 0.07 6 0.044	0.5 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction	2 3 4 5 6 7 8 9 10 Tot ISE 2 3 4 4 5 6 6 7 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 50% 50% 41% 54% 33% tal No 0% 50% 60% 46%	100% 54% 48% 50% 42% 45% 67% 100% 50% 100% 50% 55%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 31.0 0.0 7.4 14.5 5.9	3.0 8.6 13.8 6.5 4.5 6.7 26.8 10.0 12.5 Comp Yes 9.0 31.0 3.6 3.6 9.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	3 16 29 13 9 16 59 15 227.8 227.8 No 9 62 3 16 29 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1   7   13   6   4   7   7   7   7   104	2   9   16   7   7   16   17   17   17   17	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 0.469 X 9 dard X' 4.315 0.054 1.438 0.016 0.025 0.025	1.117 0.003 0.275 0.005 0.038 0.494 0.954 0.387 6.791 11.07 2.72 3.975 0.05 1.325 0.0023 0.015	3   4   5   6   6   7   7   8   5   10   10   10   10   10   10   10	0% 42% 62% 60% 7100% 44% 7100% 44% 7100% 44% 7100% 44% 7100% 44% 7100% 7	100% 53% 38% 38% 00% 53% 42% 53% 42% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60	0.0 6.7 18.0 6.5 9.0 6.7 34.3 7.1 125 No. of No. of No. of 33.2 6 33.2 6 16.6 6 6.5	3.0 9.3 11.0 6.5 9.3 24.7 7.9 106 Yes 6 5.4 14.4 14.4 14.4 14.4 15.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	3 16 29 13 9 16 59 15 231 231 231 8 16 9 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 9 9 16 7 7 5 5 5 5 8 12 5 8	13   13   6   4   4   7   7   13   13   16   16   16   16   16   16	1.629 0.467 0.31 0.044 1.3.464 1.0.158 1.0.131	0.5 0.3 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est 10.Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction	2 3 4 5 6 7 8 9 10 Tot 1 1 2 3 4 5 5 6 7 7 8 9 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 52% 53% 41% 54% 33% tal	100% 54% 48% 50% 42% 45% 67% 100% 50% 100% 54% 50%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 31.0 0.0 7.4 14.5 9.0	3.0 8.6 13.8 6.5 4.5 4.5 6.7 26.8 10.0 125 7.1 9.0 31.0 8.6 8.6 8.7 14.5 7.1	3 16 29 13 9 16 59 15 227.8 227.8 No 9 62 13 16 29 16 20 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11 77 13 6 4 4 77 27 104 104 104 104 104 104 104 104 104 104	2	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0.034 4.315 0.054 1.438 0.010 0.025 0.025 0.025 0.025	1.117 0.003 0.275 0.035 0.038 6.494 0.387 6.791 11.07 X^2.Y 3.975 0.005 1.325 0.009 0.015 4.685	3   4   5   6   7   7   8   9   10   To	0% 42% 62% 62% 62% 62% 62% 62% 62% 62% 62% 6	Yes 60% 033% 033% 033% 09% 09% 09% 09% 09% 09% 09% 09% 09% 09	No. of No	3.0 9.3 11.0 0.0 9.3 24.7 7.9 106 Comp Yees 5.4 14.4 5.0 0.0 9.3 24.7 7.9 106	3 16 29 13 9 16 59 15 231 No 8 9 62 9 16 23 16 23 16 23 16 23 16 23 23 23 23 23 24 25 25 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	2   9   16   7   15   15   15   15   15   15   15	133 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1.629 0.467 0.31 1.0044 1.3.464 1.0158 1.015	0.4 0.3 0.6 0.4 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est. 10:Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail	2 3 4 5 6 7 8 9 10 Tot ISE 2 3 4 4 5 6 6 7 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 52% 53% 41% 54% 33% tal	100% 54% 48% 50% 42% 67% 100% 50% 100% 54% 50% 67%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. of No. of 14.5 9.0 9.0 5.3	3.0 8.6 13.8 6.5 6.7 26.8 10.0 125 Yes 9.0 31.0 3.0 8.6 14.5 7.1 10.0 10.7	3 16 29 13 9 16 59 15 227.8 No 9 62 13 16 29 13 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1   7   13   6   4   7   7   27   104	2	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 X^2.N 4.315 0.054 1.438 0.01 0.025 7.005 0.016 0.025	1.117 0.003 0.275 0.038 6.494 0.954 0.387 6.791 11.07 2X^2.Y 3.975 0.005 1.325 0.009 0.023 0.015 4.685 0.659	3 4 5 6 6 7 7 8 8 9 9 10 To	0% 42% 62% 62% 65% 7100% 44% 42% 42% 42% 42% 42% 42% 42% 42% 42	100% 58% 38% 38% 50% 58% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53%	0.0 6.7 18.0 9.0 6.7 34.3 7.1 125 No. of No. of No. of S. of 33.2 9.1.5 9.0 16.6 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	3.0 9.3 11.0 0.0 9.3 24.7 7.9 106 Yes 5.5 4.14.4 0.0 0.5 5.3 5.9 7.3 9.3 9.3 9.3 106	33 16 29 13 13 16 59 15 231 231 231 8 16 62 3 13 13 13 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	2   5   6   1   1   1   1   1   1   1   1   1	13366 100 (r-1) Stancetion of Co. Yes 1	1.629 7.0.467 8.0.31 8.3.464 8.3.464 7.0.158 7.0.131 5.8.143 6.3.464 7.0.21 8.143 7.0.21 8.143 7.0.21 8.143 7.0.21 8.143 7.0.21 8.143 8.143 9.00 9.	0.5   0.3   0.6   4.1   0.5   0.1   0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est 10:Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport	2 3 4 5 6 7 8 9 10 Tot 1 1 2 3 4 5 5 6 7 7 8 9 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 52% 50% 50% 41% 54% 33% tal  No 0% 50% 46% 46% 46% 33%	100% 54% 48% 50% 50% 42% 67% 100% 50% 50% 50% 55% 55%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 7.4 14.5 5.9 9.0 5.3 28.1	3.0 8.6 13.8 6.5 6.7 26.8 10.0 125 Comp Yes 9.0 31.0 3.0 8.6 14.5 7.1 1.0 0.0 10.0 10.0 10.0 10.0 10.0 10	3 16 29 13 9 16 59 15 227.8 227.8 No 9 62 62 13 16 59 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1	2 2 3 16 5 7 3 7 8 3 7 8 8 8 8 8 3 3 9 8 8 8 3	1.356 0.004 0.0334 0.067 0.046 0.062 1.014 0.469 7.576 2.004 4.315 0.016 0.025 0.016 0.025 0.016 0.016 0.025	1.117 0.003 0.275 0.038 6.494 0.954 0.387 6.791 11.07 2x^2.Y 3.975 0.009 0.023 0.015 4.685 0.659 712.04	3 4 5 6 7 7 8 8 9 9 10 To	0% 42% 62% 62% 63% 7100% 42% 42% 64% 64% 64% 64% 64% 64% 64% 64% 64% 64	100% 538% 38% 50% 50% 542% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 64% 64% 64% 64% 64% 64% 64% 64% 64% 64	No. of No	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106 Yes 5.4 10.4 10.4 10.5 10.5 10.6 10.6 10.6 10.6 10.6 10.6 10.6 10.6	anies No 1 29 29 10 10 10 10 10 10 10 10 10 10 10 10 10	2   9   9   9   9   9   9   9   9   9	133	1.629 0.467 0.31 1.004 1.3464 1.0467 1.0158 1.0131	0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est 10:Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport	2 3 4 5 6 7 8 9 10 Tot 1 1 2 3 4 5 6 7 7 8 9 9 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 52% 50% 41% 54% 54% 54% 00N D-3 No 0% 60% 46% 46% 100% 133% 48%	100% 54% 48% 50% 42% 45% 67% 100% 100% 54% 55% 67%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 7.4 14.5 5.9 9.0 5.3 28.1	3.0 8.6 13.8 6.5 4.5 10.0 125 Yea 9.0 31.0 3.0 14.5 7.1 0.0 10.7 3.7 9.0 3.5 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	3 16 29 13 9 16 59 15 227.8 227.8 No 9 62 3 16 62 9 16 9 9 16 9 9 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1	2	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0.254 1.438 0.054 1.438 0.025 7.0016 0.025 7.0016 0.025 7.0016 0.025 7.0016	1.117 0.003 0.275 0.035 0.038 0.494 0.954 0.387 6.791 11.07 2.72 3.975 0.05 1.325 0.005 0.003 0.015 4.685 0.659 713.04 0.679	18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	0% 42% 62% 65% 7100% 44% 7100% 44% 7100% 44% 7100% 710	Yes 6 60% 6 33% 7 42% 6 33% 7 42% 8 42% 9 42% 9 53% 9 42% 9 53% 9 42% 9 53% 9 42% 9 53% 9 42% 9 53% 9 60% 9 60	No. 00 No. 00 No. 00 No. 00 3.6 0 3.2 0 16.6 0 5.8 0 5	3.0 9.3 11.0 6.6 5.5 0.0 9.3 24.7 7.9 106 Yes 5.4 14.4 14.4 10.0 10.0 10.0 10.0 10.0 10	anies No 99 162 153 164 175 175 175 175 175 175 175 175 175 175	2   9   9   9   9   9   9   9   9   9	133 134 135 144 135 144 135 155 155 155 155 155 155 155 155 155	1.629 0.467 0.31 0.044 3.464 7.0.467 7.0.158 7.0.131 5.58.143 4.55 5.58.32 7.2.866 7.2.12 8.0.322 8.0.322 5.0.052 5.0.052 5.0.052 5.0.052 5.0.052 5.0.052 5.0.052 6.0.052	0.5   0.3   0.0   0.1   0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est. 10:Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est.	2 33 4 5 6 7 8 9 10 Tot 1SI 2 3 4 5 6 7 7 8 9 9 10 7 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 52% 50% 41% 54% 54% 50N D-3  No 0% 66% 46% 100% 46% 46% 100% 46% 63%	100% 54% 48% 50% 42% 45% 67% 100% 100% 54% 55% 67%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 7.4 14.5 5.9 9.0 5.3 28.1	3.0 8.6 13.8 6.5 6.7 26.8 10.0 125 Yes 9.0 31.0 3.0 14.5 7.1 0.0 10.7 10.7 10.7 10.7 10.7 10.7 1	3 16 29 13 9 16 59 15 227.8 227.8 No 9 62 3 16 62 9 16 9 9 16 9 9 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1	2 2 3 16 5 7 3 7 8 3 7 8 8 8 8 8 3 3 9 8 8 8 3	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0.254 1.438 0.054 1.438 0.025 7.0016 0.025 7.0016 0.025 7.0016 0.025 7.0016	1.117 0.003 0.275 0.038 6.494 0.954 0.387 6.791 11.07 2x^2.Y 3.975 0.009 0.023 0.015 4.685 0.659 712.04	18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	0% 42% 62% 65% 7100% 44% 7100% 44% 7100% 44% 7100% 710	100% 538% 38% 50% 50% 542% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 64% 64% 64% 64% 64% 64% 64% 64% 64% 64	No. of No	3.0 9.3 11.0 6.5 0.0 9.3 24.7 7.9 106 Yes 5.4 14.4 14.4 14.4 15.3 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	anies  No 1 29 29 139 16 59 15 231 231 231 231 24 25 3 13 3 13 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2   9   9   9   9   9   9   9   9   9	13   13   14   15   16   16   16   16   16   16   16	1.629 0.467 0.31 0.044 3.464 7.0.467 7.0.158 7.0.131 6.8143 6.85 7.2.12 8.632 7.2.12 8.0.32 8.0.32 8.0.32 9.0.65 9.0.90 9.86	0.5 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest + Hotel 8:Transport 9:Finan. + Real Est 10:Private Ser. + Gov.  Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport	2 33 4 5 6 7 8 9 10 Tot 1SI 2 3 4 5 6 7 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	0% 46% 52% 50% 41% 54% 54% 50N D-3  No 0% 66% 46% 100% 46% 46% 100% 46% 63%	100% 54% 48% 50% 42% 45% 67% 100% 100% 54% 55% 67%	0.0 7.4 15.2 6.5 4.5 6.6 31.9 5.0 103 No. of No. 0.0 31.0 0.0 7.4 14.5 5.9 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9	3.0 8.6 13.8 6.5 6.7 26.8 10.0 125 Yes 9.0 31.0 3.0 14.5 7.1 0.0 10.7 10.7 10.7 10.7 10.7 10.7 1	3 16 29 13 9 16 59 15 227.8 227.8 No 9 62 3 16 62 9 16 9 9 16 9 9 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1	2	1.356 0.004 0.334 0.067 0.046 0.062 1.014 0.469 7.576 0.054 1.438 0.054 1.438 0.025 7.0016 0.0016	1.117 0.003 0.275 0.035 0.038 6.494 0.387 6.791 11.07 2.27 3.975 0.05 1.325 0.009 0.015 4.685 0.659 717.04 0.677 11.41	3   4   5   6   7   7   8   8   9   9   10   10   10   10   10   10	0% 42% 62% 65% 7100% 44% 7100% 44% 7100% 44% 7100% 710	100% 538% 38% 50% 50% 542% 53% 42% 53% 42% 53% 42% 53% 42% 53% 42% 53% 64% 64% 64% 64% 64% 64% 64% 64% 64% 64	No. 00 No. 00 No. 00 No. 00 3.6 0 3.2 0 16.6 0 5.8 0 5	3.0 9.3 11.0 6.6 5.5 0.0 9.3 24.7 7.9 106 Yes 5.4 14.4 14.4 10.0 10.0 10.0 10.0 10.0 10	anies No 99 162 153 164 175 175 175 175 175 175 175 175 175 175	2   9   9   9   9   9   9   9   9   9	133 133 134 137 138 139 139 139 139 139 139 139 139 139 139	1.629 0.467 0.31 0.044 3.464 7.0.467 7.0.158 7.0.131 6.8143 6.85 7.2.12 8.632 7.2.12 8.0.32 8.0.32 8.0.32 9.0.65 9.0.90 9.86	0.5 0.3 0.0 0.1 4.1 0.5 9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1

## 8-21 Result of X^2 Analysis(4/5)

I	<u> </u>		T	f	l		<u> </u>	T :-			·	T	T				m		~	
											<del>  -</del> -	<del></del>								
	ISI	N D-5	(Monito					ction			ISI	ON D-5	Guide p	hone)			Expec	tion		
	<b>  </b>				Compa			of Co						No. of	Compa	nies	No. o	Co.		
	ļ.,	No	Yes	No	Yes	No			X^2.N		II	No	Yes	No	Yes	No	No	Yes	X^2.N	X^2. Y
Business Category	Ļį	50%	50%	4.5	4.5	9		2			1	50%	50%	4.5	4.5	9	7	2	0.826	2.688
1:Agr. + Min.	3	79% 100%	21% 0%	48.9 3.0	13.1	62		16			2	81%		50.0	6.9	62	47	15	0.135	3.994
2:Manufacturing	4	75%	25%	12.0	4.0	3		1 4	0.282	0.79				3.0	0.0	3		1	0.217	0.705
3:Utilities 4:Costruction	5	36%	14%	10.4	4.1	16 29				0.011	5			10.7	5.3	16		4	0.201	0.653
5:Wholesale	6	86%	33%	11.1	4.3	13				0.24	6			23.5 7.6	5.7 5.4	29		7	0.074	0.179
6:Retail	7	67%	0%	6.0	0.0	9				2.37	7		0%		0.0	13 9		3	0.563	1.831
7:Rest. + Hotel	8	100%	36%		5.8	16					8			10.2	4.2	16		2	0.65	2.11d 0.05
8:Transport	ğ	67%	33%	39.4	19.2	59					9			42.8	16.2	59	44	14	0.123	0.03
9:Finan. + Real Est.	10	68%	18%		2.6	15		4			10				4.4	15		4	0.068	0.22
10.Private Ser. + Gov.	To	82%		161	58		170	61		9.455			27.0	172		224.5		54	3.204	12.8
	1		l					(r-1)	•——		1	T				-	<del> </del>	(r-1)*	0.207	12.0
									dard X	11.07							<del> </del>		ard X^2	11.07
	5.5		1 2						T	1	1						1-			
	IST	N D-5	(TV Co				Ехре			L	ISI	ON D-5	G4 Fax	)			Expe	tion		
	1	3 1	حنيت		Compa			of Co			II			No. of	Compa	nies	No. o			
Business Category	ļ.,	No	Yes.	No	Yes	No			X^2.N			No	Yes	No	Yes	No		Yes	X^2.N	X^2.
1:Agr. + Min.	1	50%	50%	4.5	4.5	9				1.348	1	0%		0.0	9.0	9		3	5.804	10.54
2:Manufacturing	2	77%	23%	47.7	14.3	62	44				2	67%		41.7	20.3	62		22	0.076	0.138
3:Utilities	3	100% 67%	33%	3.0	0.0	3	2		0.359		3			3.0	0.0			1	0.587	1.06.
4:Costruction 5:Wholesale	5	76%	24%	10.7 22.1	5.3 6.9	16 29	11 21	5 8	0.04				50%	8.0	8.0			6	0.521	0.946
6:Retail	6	58%	42%	7.6	5.4	13	9			0.281	5 6		35% 42%	18.9 7.6	10.2 5.4	29 13		10		0.002
7:Rest. + Hotel	7	75%	25%	6.8	2.3	9	6			0.052	7		0%	9.0	0.0			5	0.077	0.14
8:Transport	8	45%	55%	7.2	8.7	16	11		1.512		8		55%	7.3	8.7	9 16		3 6	1.76 0.894	3.190
9:Finan. + Real Est.	ğ	73%	26%	42.8	15.0	59	42	17		0.265	9		28%	42.8	16.2	59		21	0.587	1.62
10.Private Ser. + Gov.	10	71%	29%	10.6	4.4	15	11	4		2E-04	10		21%	8.8	3.2	15		5	0.075	0.865
30000	Tot			163	67	229.7	164	67						147	81	228		82	10.38	19.58
								(r-1)	9		1	ī I			<u></u> -	220	1	(r-1)*	10.50	17.50
									dard X	11.07	1	1					<b> </b>		ard X^2	11.07
												1	1		·					
		20.5													l					
	ISL	N D-5 (	Compu					ction			ISI	ON D-5	D PBX	)			Expe	tion		
		4.00	77		Compa		No.							No. of	Compa	inies	No. o	f Co.		
Business Category	-	No	Yes	No	Yes	No			X^2.N		II	No	Yes	No	Yes	Nο		Yes	X^2.N	X^2.Y
1:Agr. + Min.	1	0%	100%	0.0	9.0	9		- 5		3.525	1	0%		0.0		9		4	5.359	7.886
2:Manufacturing	2	39%	62%	23.9	38.1	62	29				2		. 39%	38.1	23.9	62	37	25	0.04	0.059
3:Utilities	3	0%	100%	0.0	3.0	3	1	2			_		0%		0.0	3		1	0.825	1.214
4:Costruction 5:Wholesale	5	50% 52%	50%	8.0	8.0	16	7			0.048	4			8.7	7.3	16		6	0.068	0.
6:Retail	6	58%	48% 42%	15.2 7.6	13.8 5.4	29 13	13			0.221	5		30%	18.0	8.7	29		12	0.027	0.76
7:Rest. + Hotel	7	75%	25%	6.8	2.3	9	6	5	0.428	0.365 1.402	6		50%	6.5	6.5	13		5	0.199	0.29
8:Transport	8	33%	67%	5.3	10.7	16	7	9		0.477	7 8		25% 50%	6.8 8.0	2.3 8.0	9 16		6	0.361	0.532
9:Finan. + Real Est.	9	55%	45%	32.5	26.6	59	27		1.041	0.887	9			38.4	20.7	59		24	0.295	0.30
10.Private Ser. + Gov.	10	47%	53%	7.1	7.9	15	7	8	0.004	0.003	10			8.8	6.3	15		- 6	0.293	0.00
	Tot			106	125	231	106		10.27				<sup>*</sup>	136	93			93	7.42	11,6
							1	(r-1)	9		1	Γ					1	(r-1)*	0	
							ļ .		dard X	11.07		†					<b> </b>		ard X^2	11.0
	اا			3.1								]	[							
	Н		11				Expe	ction			ISL	ON D-7					Ехрес	tion		
	ISI	N D-6				1						1		No. of	0					
				No. of	Compa	nies	No.				L I	<u> </u>	:	110. Ot	Compa	inies	No. o			
Business Category		No	Yes	No	Yes	nies No	No. o	Yes	X^2.N	X^2.Y		No	Yes	No. 01	Yes				X^2.N	X^2.
Business Category 1:Agr. + Min.	1	No 25%	Yes 75%	No 2.3	Yes 6.8	nies No 9	No. o No. 7	Yes 2	X^2.N 2.951	8.568	1	60%	Yes 40%	No 5.4	Yes 3.6	No 9	No 7	Yes 2	0.445	1.76
Business Category 1:Agr. + Min. 2:Manufacturing	1 2	No 25% 70%	Yes 75% 31%	No 2.3 43.3	Yes 6.8 19.3	nies No 9 62	No. 6 No. 7 46	Yes 2	X^2.N 2.951 0.175	8.568 0.755	1 2	60% 79%	Yes 40%	No 5.4	Yes	No 9 62	No 7 50	Yes	0.445	1.76
Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities	1 2 3	No 25% 70% 100%	Yes 75% 31% 0%	No 2.3 43.3 3.0	Yes 6.8 19.3 0.0	nies No 9 62 3	No. 6 No. 7 46 2	Yes 2 16 1	X^2.N 2.951 0.175 0.265	8.568 0.755 0.768	1 2 3	60% 79% 100%	Yes 40% 21% 0%	No 5.4 48.9 3.0	Yes 3.6 13.1 0.0	No 9 62 3	No 7 50 2	Yes 2 12	0.445	1.76 0.03
Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction	1 2 3	No 25% 70% 100% 75%	Yes 75% 31% 0% 25%	No 2.3 43.3 3.0 12.0	Yes 6.8 19.3 0.0 4.0	nies No 9 62 3	No. 6 No. 7 46 2 12	Yes 2 16 1 4	X^2.N 2.951 0.175 0.265 8E-04	8.568 0.755 0.768 0.002	1 2 3 4	60% 79% 100% 75%	Yes 40% 21% 0% 25%	No 5.4 48.9 3.0 12.0	Yes 3.6 13.1 0.0 4.0	No 9 62 3 16	No 7 50 2 13	Yes 2 12 1 3	0.445 0.009 0.152 0.048	1.76 0.03 0.60
Business Category  1: Agr. + Min.  2: Manufacturing  3: Utilities  4: Costruction  5: Wholesale	1 2 3 4 5	No 25% 70% 100% 75% 86%	Yes 75% 31% 0% 25% 14%	No 2.3 43.3 3.0 12.0 24.9	Yes 6.8 19.3 0.0 4.0 4.1	nies No 9 62 3 16 29	No. 6 No 7 46 2 12 22	Yes 2 16 1 4 7	X^2.N 2.951 0.175 0.265 8E-04 0.499	8.568 0.755 0.768 0.002 1.45	1 2 3 4 5	60% 79% 100% 75% 91%	Yes 40% 21% 0% 25% 10%	No 5.4 48.9 3.0 12.0 26.2	Yes 3.6 13.1 0.0 4.0 2.8	No 9 62 3 16 29	No 7 50 2 13 23	Yes 2 12 1 3 6	0.445 0.009 0.152 0.048 0.41	1.76 0.03 0.60 0.18 1.62
Business Category 1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale 6: Retail	1 2 3 4 5	No 25% 70% 100% 75% 86% 75%	Yes 75% 31% 0% 25% 14% 25%	No 2.3 43.3 3.0 12.0 24.9 9.8	Yes 6.8 19.3 0.0 4.0 4.1 3.3	No 9 62 3 16 29 13	No. 6 No 7 46 2 12 22	Yes 2 16 1 4 7	X*2.N 2.951 0.175 0.265 8E-04 0.499 7E-04	8.568 0.755 0.768 0.002 1.45 0.002	1 2 3 4 5	60% 79% 100% 75% 91% 58%	Yes 40% 21% 0% 25% 10% 42%	No 5.4 48.9 3.0 12.0 26.2 7.6	Yes 3.6 13.1 0.0 4.0 2.8 5.4	No 9 62 3 16 29 13	No 7 50 2 13 23	Yes 2 12 1 3 6 3	0.445 0.009 0.152 0.048	1.76 0.03 0.60 0.18 1.62
Business Category 1:Agr. + Min 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel	1 2 3 4 5 6	No 25% 70% 100% 75% 86% 75% 100%	Yes 75% 31% 0% 25% 14% 25%	No 2.3 43.3 3.0 12.0 24.9 9.8 9.0	Yes 6.8 19.3 0.0 4.0 4.1 3.3 0.0	nies No 9 62 3 16 29 13	No. 6 No. 7 46 2 12 22 10	Yes 2 16 1 4 7 3 2	X*2.N 2.951 0.175 0.265 8E-04 0.499 7E-04 0.794	8.568 0.755 0.768 0.002 1.45 0.002 2.305	1 2 3 4 5 6	60% 79% 100% 75% 91% 58% 100%	Yes 40% 21% 0% 25% 10% 42% 0%	No 5.4 48.9 3.0 12.0 26.2 7.6 9.0	Yes 3.6 13.1 0.0 4.0 2.8 5.4 0.0	No 9 62 3 16 29 13	No 7 50 2 13 23 10 7	Yes 2 12 1 3 6 3 2	0.445 0.009 0.152 0.048 0.41 0.758 0.456	1.76 0.03 0.60 0.18 1.62 3.00 1.81
Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport	1 2 3 4 5 6 7 8	No 25% 70% 100% 75% 86% 75% 100% 64%	Yes 75% 31% 0% 25% 14% 25% 0% 26%	No 2.3 43.3 3.0 12.0 24.9 9.8 9.0 10.2	Yes 6.8 19.3 0.0 4.0 4.1 3.3 0.0 4.2	nies No 9 62 3 16 29 13 9	No. 6 No. 7 46 2 12 22 10 7	Yes 2 16 1 4 7 3 2 4	X^2.N 2.951 0.175 0.265 8E-04 0.499 7E-04 0.794 0.25	8.568 0.755 0.768 0.002 1.45 0.002 2.305 0.004	1 2 3 4 5 6 7 8	60% 79% 100% 75% 91% 58% 100% 73%	Yes 40% 21% 0% 25% 10% 42% 0% 27%	No 5.4 48.9 3.0 12.0 26.2 7.6 9.0 11.6	Yes 3.6 13.1 0.0 4.0 2.8 5.4 0.0 4.4	No 9 62 3 16 29 13 9	No 7 50 2 13 23 10 7 13	Yes 2 12 13 6 6 3 2 3	0.445 0.009 0.152 0.048 0.41 0.758 0.456	1.76 0.03 0.60 0.18 1.62 3.00 1.81
Business Category 1:Agr. + Min. 2:Manufacturing 3:Utilities 4:Costruction 5:Wholesale 6:Retail 7:Rest. + Hotel 8:Transport 9:Finan. + Real Est.	1 2 3 4 5 6 7 8	No 25% 70% 100% 75% 86% 75% 100% 64% 78%	Yes 75% 31% 0% 25% 14% 25% 0% 26% 22%	No 2.3 43.3 3.0 12.0 24.9 9.8 9.0 10.2 45.9	Yes 6.8 19.3 0.0 4.0 4.1 3.3 0.0 4.2 13.1	nies No 9 62 3 16 29 13 9 16 59	No. 6 No. 7 46 2 12 22 10 7 12 44	Yes 2 16 1 4 7 3 2 4 15	X^2.N 2.951 0.175 0.265 8E-04 0.499 7E-04 0.794 0.25 0.093	8.568 0.755 0.768 0.002 1.45 0.002 2.305 0.004 0.269	1 2 3 4 5 6 7 8	60% 79% 100% 75% 91% 58% 100% 73% 83%	Yes 40% 21% 0% 25% 10% 42% 0% 27% 17%	No 5.4 48.9 3.0 12.0 26.2 7.6 9.0 11.6 49.1	Yes 3.6 13.1 0.0 4.0 2.8 5.4 0.0 4.4 9.9	No 9 62 3 16 29 13 9 16 59	No 7 50 2 13 23 10 7 13 47	Yes 2 12 1 3 6 3 2 2 3 12	0.445 0.009 0.152 0.048 0.41 0.758 0.456 0.103 0.087	1.76 0.03 0.60 0.18 1.62 3.00 1.81 0.40
Business Category 1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale 6: Retail 7: Rest. + Hotel 8: Transport 9: Finan. + Real Est. 10. Private Ser. + Gov.	1 2 3 4 5 6 7 8 9	No 25% 70% 100% 75% 86% 75% 100% 64% 78%	Yes 75% 31% 0% 25% 14% 25% 0% 26%	No 2.3 43.3 3.0 12.0 24.9 9.8 9.0 10.2 45.9 10.9	Yes 6.8 19.3 0.0 4.0 4.1 3.3 0.0 4.2 13.1 4.1	nies No 9 62 3 16 29 13 9 16 59 15	No. 6 No 7 46 2 12 22 10 7 12 44	Yes 2 16 1 4 7 3 2 4 15 4	X^2.N 2.951 0.175 0.265 8E-04 0.499 7E-04 0.794 0.25 0.093 0.006	8.568 0.755 0.768 0.002 1.45 0.002 2.305 0.004 0.269 0.019	1 2 3 4 5 6 7 8 9	60% 79% 100% 75% 91% 58% 100% 73% 83% 77%	Yes 40% 21% 0% 25% 10% 42% 0% 27% 17%	No 5.4 48.9 3.0 12.0 26.2 7.6 9.0 11.6 49.1 11.6	Yes 3.6 13.1 0.0 4.0 2.8 5.4 0.0 4.4 9.9 3.3	No 9 62 3 16 29 13 9 16 59	No 7 50 2 13 10 7 13 47 12	Yes 2 12 1 3 6 3 2 2 3 12 3	0.445 0.009 0.152 0.048 0.41 0.758 0.456 0.103 0.087 0.012	1.76 0.03 0.60 0.18 1.62 3.00 1.81 0.40
Business Category 1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale 6: Retail 7: Rest. + Hotel 8: Transport 9: Finan. + Real Est. 10. Private Ser. + Gov.	1 2 3 4 5 6 7 8	No 25% 70% 100% 75% 86% 75% 100% 64% 78%	Yes 75% 31% 0% 25% 14% 25% 0% 26% 22%	No 2.3 43.3 3.0 12.0 24.9 9.8 9.0 10.2 45.9	Yes 6.8 19.3 0.0 4.0 4.1 3.3 0.0 4.2 13.1	nies No 9 62 3 16 29 13 9 16 59	No. 6 No 7 46 2 12 22 10 7 12 44	Yes 2 16 1 4 7 3 2 4 15 4	X^2.N 2.951 0.175 0.265 8E-04 0.499 7E-04 0.794 0.25 0.093 0.006	8.568 0.755 0.768 0.002 1.45 0.002 2.305 0.004 0.269	1 2 3 4 5 6 7 8 9	60% 79% 100% 75% 91% 58% 100% 73% 83% 77%	Yes 40% 21% 0% 25% 10% 42% 0% 27% 17%	No 5.4 48.9 3.0 12.0 26.2 7.6 9.0 11.6 49.1	Yes 3.6 13.1 0.0 4.0 2.8 5.4 0.0 4.4 9.9 3.3	No 9 62 3 16 29 13 9 16 59	No 7 50 2 13 10 7 13 47 12	Yes 2 12 1 3 6 3 2 2 3 12 3	0.445 0.009 0.152 0.048 0.41 0.758 0.456 0.103 0.087 0.012	1.76 0.03 0.60 0.18 1.62 3.00 1.81 0.40 0.34 0.03
Business Category 1: Agr. + Min. 2: Manufacturing 3: Utilities 4: Costruction 5: Wholesale 6: Retail 7: Rest. + Hotel 8: Transport 9: Finan. + Real Est. 10. Private Ser. + Gov.	1 2 3 4 5 6 7 8 9	No 25% 70% 100% 75% 86% 75% 100% 64% 78%	Yes 75% 31% 0% 25% 14% 25% 0% 26% 22%	No 2.3 43.3 3.0 12.0 24.9 9.8 9.0 10.2 45.9 10.9	Yes 6.8 19.3 0.0 4.0 4.1 3.3 0.0 4.2 13.1 4.1	nies No 9 62 3 16 29 13 9 16 59 15	No. 6 No 7 46 2 12 22 10 7 12 44	Yes 2 16 1 7 3 2 4 15 59 (r-1)	X^2.N 2.951 0.175 0.265 8E-04 0.499 7E-04 0.794 0.25 0.006 5.034	8.568 0.755 0.768 0.002 1.45 0.002 2.305 0.004 0.269 0.019	1 2 3 4 5 6 7 8 9 10 Tot	60% 79% 100% 75% 91% 58% 100% 73% 83% 77%	Yes 40% 21% 0% 25% 10% 42% 0% 27% 17%	No 5.4 48.9 3.0 12.0 26.2 7.6 9.0 11.6 49.1 11.6	Yes 3.6 13.1 0.0 4.0 2.8 5.4 0.0 4.4 9.9 3.3	No 9 62 3 16 29 13 9 16 59	No 7 50 2 13 10 7 13 47 12	Yes 2 12 1 3 6 3 2 3 12 3 46 (r-1)*	0.445 0.009 0.152 0.048 0.41 0.758 0.456 0.103 0.087 0.012 2.48	1.76 0.03 0.60 0.18 1.62 3.00 1.81 0.40 0.34 0.03 9.82